



Tadashi Fukami

Professor of Biology and of Earth System Science

 Curriculum Vitae available Online

CONTACT INFORMATION

- **Alternate Contact**

Elise DeBuysser

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Bio

BIO

Tadashi Fukami is interested in understanding how the history of species arrival shapes the way ecological communities develop. He also studies traditional ecological knowledge and seeks to practice two-eyed seeing, especially in his role as Faculty Director of Jasper Ridge Biological Preserve ('Ootchamin 'Ooyakma).

Fukami received a Bachelor's degree from Waseda University, a Master's degree from the University of Tokyo, and a PhD from the University of Tennessee, Knoxville, with James Drake and Daniel Simberloff. He then worked as a postdoctoral fellow at Manaaki Whenua – Landcare Research in Aotearoa – New Zealand and an Assistant Professor at the University of Hawai'i at Mānoa before joining the Stanford faculty in 2008.

Fukami grew up near Tokyo, but often visited his grandparents in the countryside in Wakayama. His exposure to nature there cultivated his interest in ecology, which was further reinforced by his high-school biology teacher, who talked about natural history around the school in every class. It was during his time in Aotearoa and Hawai'i that he was introduced to the importance of Indigenous science.

ACADEMIC APPOINTMENTS

- Professor, Biology
- Professor, Earth System Science

ADMINISTRATIVE APPOINTMENTS

- Faculty Director, Jasper Ridge Biological Preserve ('Ootchamin 'Ooyakma), Stanford University, (2023- present)
- Board Member, Stanford Habitat Conservation Board, (2024- present)
- Board Member, Muwekma Ohlone Preservation Foundation, (2025- present)
- Co-Director, First Nations' Futures Institute, Stanford Woods Institute for the Environment, (2025- present)

HONORS AND AWARDS

- ASN Distinguished Naturalist Award, American Society of Naturalists (2022)
- Fellow, Ecological Society of America (2019)

- Presidential Award, American Society of Naturalists (2019)
- Outstanding Ecological Theory Paper Award, Ecological Society of America Theoretical Ecology Section (2017)
- Dean's Award for Distinguished Teaching, School of Humanities and Sciences, Stanford University (2015)
- Science prize for inquiry-based instruction, Science magazine, AAAS (2013)
- CAREER award, National Science Foundation (2012)
- Denzaburo Miyadi Award, Ecological Society of Japan (2005)

PROFESSIONAL EDUCATION

- Bachelor's, Waseda University , Biology (1996)
- Master's, University of Tokyo , Wildlife Biology (1998)
- PhD, Univ of Tennessee, Knoxville , Ecology & Evolutionary Biology (2003)

LINKS

- Fukami Lab: <https://web.stanford.edu/~fukamit/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Ecological and evolutionary community assembly, with emphasis on understanding historical contingency in community structure, ecosystem functioning, biological invasion and ecological restoration, using experimental, theoretical, and comparative methods involving bacteria, protists, fungi, plants, and animals.

PROJECTS

- Nectar microbes in ume orchards - Stanford University (12/7/2017 - present)

Teaching

COURSES

2025-26

- Introduction to Research in Ecology and Evolutionary Biology: BIO 47, EARTHSYS 47 (Spr)
- Service Learning Practicum: EDUC 98SI (Win)
- Traditional Ecological Knowledge for Land Stewardship: BIO 35N, NATIVEAM 35N (Win)

2024-25

- Catching up with Traditional Ecological Knowledge: BIO 35N (Win)
- Introduction to Research in Ecology and Evolutionary Biology: BIO 47, EARTHSYS 47 (Spr)

2023-24

- Catching up with Traditional Ecological Knowledge: BIO 35N (Spr)

2022-23

- Ecological Statistics: BIO 202 (Aut)
- Ecology of Japanese Satoyama: OSPKYOTO 33 (Spr)
- Ecology of the Hawaiian Islands: BIO 116, SUSTAIN 116 (Aut)
- Environmental Humanities: Finding Our Place on a Changing Planet: BIO 184, ENGLISH 140D, SUSTAIN 140 (Aut)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Luísa Genes, Marina Luccioni, John McEnany, Oliver Nguyen, Karrin Tennant, Lydia Villa, Sophie Walton, Jay Yeam

Postdoctoral Faculty Sponsor

Jessica Aguilar, Rosa McGuire

Doctoral Dissertation Advisor (AC)

Chloe Golde, Ethan VanValkenburg

Master's Program Advisor

Keona Blanks, Maya Cruz, Kaien J-Spencer

Doctoral Dissertation Co-Advisor (AC)

Laura Leventhal, Andrea Nebhut

Doctoral (Program)

Yuerong Xiao

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biology (School of Humanities and Sciences) (Phd Program)

Publications

PUBLICATIONS

- **Bacteria in Honeybee Crops Are Decoupled from Those in Floral Nectar and Bee Mouths.** *Microbial ecology*
Warren, M. L., Tsuji, K., Decker, L. E., Kishi, M., Yang, J., Howe, A. C., Fukami, T.
2025; 88 (1): 46
- **Idiosyncratic responses to biotic and environmental filters in wood-inhabiting fungal communities.** *Ecology*
Saine, S., Penttilä, R., Fukami, T., Furneaux, B., Hytönen, T., Miettinen, O., Monkhouse, N., Mäkipää, R., Pennanen, J., Zakharov, E. V., Ovaskainen, O., Abrego, N.
2025; 106 (2): e70013
- **Experimental species introductions influence fungal community succession through positive and negative effects on resident species.** *ISME communications*
Saine, S., Fukami, T., Penttilä, R., Furneaux, B., Ovaskainen, O., Abrego, N.
2025; 5 (1): ycaf166
- **Tiny but mighty? Overview of a decade of research on nectar bacteria.** *The New phytologist*
Quevedo-Caraballo, S., de Vega, C., Lievens, B., Fukami, T., Álvarez-Pérez, S.
2024
- **Transcriptional Responses to Priority Effects in Nectar Yeast.** *Molecular ecology*
Chappell, C. R., Goddard, P. C., Golden, L. A., Hernandez, J., Ortiz Chavez, D., Hossine, M., Herrera Paredes, S., VanValkenburg, E., Nell, L. A., Fukami, T., Dhami, M. K.
2024: e17553
- **The development of ecological systems along paths of least resistance.** *Current biology : CB*
Deng, J., Cordero, O. X., Fukami, T., Levin, S. A., Pringle, R. M., Solé, R., Saavedra, S.
2024
- **Diversified farms bolster forest-bird populations despite ongoing declines in tropical forests.** *Proceedings of the National Academy of Sciences of the United States of America*
Hendershot, J. N., Echeverri, A., Frishkoff, L. O., Zook, J. R., Fukami, T., Daily, G. C.

2023; 120 (37): e2303937120

- **Phylogenomic analysis of the genus *Rosenbergiella* and description of *Rosenbergiella gaditana* sp. nov., *Rosenbergiella metrosideri* sp. nov., *Rosenbergiella epipactidis* subsp. *epipactidis* subsp. nov., *Rosenbergiella epipactidis* subsp. *californiensis* subsp. nov., *Rosenbergiella epipactidis* subsp. *japonicus* subsp. nov., *Rosenbergiella nectarea* subsp. *nectarea* subsp. nov. and *Rosenbergiella nectarea* subsp. *apis* subsp. nov., isolated from floral nectar and insects.** *International journal of systematic and evolutionary microbiology*
Álvarez-Pérez, S., de Vega, C., Vanoirbeek, K., Tsuji, K., Jacquemyn, H., Fukami, T., Michiels, C., Lievens, B.
2023; 73 (3)
- **Harnessing island-ocean connections to maximize marine benefits of island conservation.** *Proceedings of the National Academy of Sciences of the United States of America*
Sandin, S. A., Becker, P. A., Becker, C., Brown, K., Erazo, N. G., Figuerola, C., Fisher, R. N., Friedlander, A. M., Fukami, T., Graham, N. A., Gruner, D. S., Holmes, N. D., Holthuijzen, et al
2022; 119 (51): e2122354119
- **Harnessing island-ocean connections to maximize marine benefits of island conservation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Sandin, S. A., Becker, P. A., Becker, C., Brown, K., Erazo, N. G., Figuerola, C., Fisher, R. N., Friedlander, A. M., Fukami, T., Graham, N. A. J., Gruner, D. S., Holmes, N. D., Holthuijzen, et al
2022; 119 (51)
- **Disease management during bloom affects the floral microbiome but not pollination in a mass-flowering crop** *JOURNAL OF APPLIED ECOLOGY*
Schaeffer, R. N., Crowder, D. W., Illan, J., Beck, J. J., Fukami, T., Williams, N. M., Vannette, R. L.
2022
- **Wide-ranging consequences of priority effects governed by an overarching factor.** *eLife*
Chappell, C. R., Dhimi, M. K., Bitter, M. C., Czech, L., Herrera Paredes, S., Barrie, F. B., Calderon, Y., Eritano, K., Golden, L., Hekmat-Safe, D., Hsu, V., Kieschnick, C., Malladi, et al
2022; 11
- **Potential effects of nectar microbes on pollinator health.** *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*
Martin, V. N., Schaeffer, R. N., Fukami, T.
2022; 377 (1853): 20210155
- **Higher Variability in Fungi Compared to Bacteria in the Foraging Honey Bee Gut.** *Microbial ecology*
Decker, L. E., San Juan, P. A., Warren, M. L., Duckworth, C. E., Gao, C., Fukami, T.
2022
- **The effects of ecological selection on species diversity and trait distribution: predictions and an empirical test.** *Ecology*
DeMalach, N., Ke, P., Fukami, T.
2021: e03567
- **Untangling the complexity of priority effects in multispecies communities.** *Ecology letters*
Song, C., Fukami, T., Saavedra, S.
2021
- **Successful management of invasive rats across a fragmented landscape** *ENVIRONMENTAL CONSERVATION*
Barney, S. K., Leopold, D. R., Francisco, K., Flaspohler, D. J., Fukami, T., Giardina, C. P., Gruner, D. S., Knowlton, J. L., Pitt, W. C., Wilson Rankin, E. E.
2021; 48 (3): 200-207
- **Alternative States in Plant Communities Driven by a Life-History Trade-Off and Demographic Stochasticity** *AMERICAN NATURALIST*
DeMalach, N., Shnerb, N., Fukami, T.
2021
- **Dynamic plant-soil microbe interactions: the neglected effect of soil conditioning time.** *The New phytologist*
Ke, P., Zee, P. C., Fukami, T.
2021
- ***Acinetobacter pollinis* sp. nov., *Acinetobacter baretiae* sp. nov. and *Acinetobacter rathckeae* sp. nov., isolated from floral nectar and honey bees.** *International journal of systematic and evolutionary microbiology*

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- Alvarez-Perez, S., Baker, L. J., Morris, M. M., Tsuji, K., Sanchez, V. A., Fukami, T., Vannette, R. L., Lievens, B., Hendry, T. A. 2021; 71 (5)
- **Correction to: Nitrogen Assimilation Varies Among Clades of Nectar- and Insect-Associated Acinetobacters.** *Microbial ecology*
Alvarez-Perez, S., Tsuji, K., Donald, M., Van Assche, A., Vannette, R. L., Herrera, C. M., Jacquemyn, H., Fukami, T., Lievens, B. 2021
 - **Diversity of putative ericoid mycorrhizal fungi increases with soil age and progressive phosphorus limitation across a 4.1 million-year chronosequence.** *FEMS microbiology ecology*
Leopold, D. R., Peay, K. G., Vitousek, P. M., Fukami, T. 2021
 - **Nitrogen Assimilation Varies Among Clades of Nectar- and Insect-Associated Acinetobacters.** *Microbial ecology*
Alvarez-Perez, S., Tsuji, K., Donald, M., Van Assche, A., Vannette, R. L., Herrera, C. M., Jacquemyn, H., Fukami, T., Lievens, B. 2021
 - **Yeast-nectar interactions: metacommunities and effects on pollinators.** *Current opinion in insect science*
Jacquemyn, H., Pozo, M. I., Alvarez-Perez, S., Lievens, B., Fukami, T. 2020
 - **Intensive farming drives long-term shifts in avian community composition.** *Nature*
Hendershot, J. N., Smith, J. R., Anderson, C. B., Letten, A. D., Frishkoff, L. O., Zook, J. R., Fukami, T., Daily, G. C. 2020; 579 (7799): 393–96
 - **Greater local diversity under older species pools may arise from enhanced competitive equivalence.** *Ecology letters*
Leopold, D. R., Fukami, T. n. 2020
 - **Land-use change has host-specific influences on avian gut microbiomes.** *The ISME journal*
San Juan, P. A., Hendershot, J. N., Daily, G. C., Fukami, T. 2019
 - **Sexual Dimorphism and Species Diversity: from Clades to Sites.** *Trends in ecology & evolution*
Tsuji, K., Fukami, T. 2019
 - **Yeast-Bacterium Interactions: The Next Frontier in Nectar Research** *TRENDS IN PLANT SCIENCE*
Alvarez-Perez, S., Lievens, B., Fukami, T. 2019; 24 (5): 393–401
 - **High-resolution mapping reveals that microniches in the gastric glands control *Helicobacter pylori* colonization of the stomach** *PLOS BIOLOGY*
Fung, C., Tan, S., Nakajima, M., Skoog, E. C., Camarillo-Guerrero, L., Klein, J. A., Lawley, T. D., Solnick, J. V., Fukami, T., Amieva, M. R. 2019; 17 (5)
 - **Applying modern coexistence theory to priority effects** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Grainger, T., Letten, A. D., Gilbert, B., Fukami, T. 2019; 116 (13): 6205–10
 - **Applying modern coexistence theory to priority effects.** *Proceedings of the National Academy of Sciences of the United States of America*
Grainger, T. N., Letten, A. D., Gilbert, B., Fukami, T. 2019
 - **Yeast-Bacterium Interactions: The Next Frontier in Nectar Research.** *Trends in plant science*
Alvarez-Perez, S., Lievens, B., Fukami, T. 2019
 - **High-resolution mapping reveals that microniches in the gastric glands control *Helicobacter pylori* colonization of the stomach.** *PLOS biology*
Fung, C. n., Tan, S. n., Nakajima, M. n., Skoog, E. C., Camarillo-Guerrero, L. F., Klein, J. A., Lawley, T. D., Solnick, J. V., Fukami, T. n., Amieva, M. R.

2019; 17 (5): e3000231

- **Community-wide consequences of sexual dimorphism: evidence from nectar microbes in dioecious plants** *ECOLOGY*
Tsuji, K., Fukami, T.
2018; 99 (11): 2476–84
- **Vertical foraging shifts in Hawaiian forest birds in response to invasive rat removal** *PLOS ONE*
Rankin, E., Knowlton, J. L., Gruner, D. S., Flaspohler, D. J., Giardina, C. P., Leopold, D. R., Buckardt, A., Pitt, W. C., Fukami, T.
2018; 13 (9): e0202869
- **Species coexistence through simultaneous fluctuation-dependent mechanisms** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Letten, A. D., Dhami, M. K., Ke, P., Fukami, T.
2018; 115 (26): 6745–50
- **Contrasting effects of yeasts and bacteria on floral nectar traits** *ANNALS OF BOTANY*
Vannette, R. L., Fukami, T.
2018; 121 (7): 1343–49
- **Nectar yeasts: a natural microcosm for ecology.** *Yeast (Chichester, England)*
Chappell, C. R., Fukami, T.
2018; 35 (6): 417–23
- **Nectar yeasts: a natural microcosm for ecology** *YEAST*
Chappell, C. R., Fukami, T.
2018; 35 (6): 417–23
- **Eco-Evolutionary Buffering: Rapid Evolution Facilitates Regional Species Coexistence despite Local Priority Effects** *AMERICAN NATURALIST*
Wittmann, M. J., Fukami, T.
2018; 191 (6): E171–E184
- **Genomic diversity of a nectar yeast clusters into metabolically, but not geographically, distinct lineages** *MOLECULAR ECOLOGY*
Dhami, M. K., Hartwig, T., Letten, A. D., Banf, M., Fukami, T.
2018; 27 (8): 2067–76
- **The ecology of insect-yeast relationships and its relevance to human industry** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
Madden, A. A., Epps, M., Fukami, T., Irwin, R. E., Sheppard, J., Sorger, D., Dunn, R. R.
2018; 285 (1875)
- **Contrasting effects of yeasts and bacteria on floral nectar traits.** *Annals of botany*
Vannette, R. L., Fukami, T.
2018
- **Priority effects can persist across floral generations in nectar microbial metacommunities** *OIKOS*
Toju, H., Vannette, R. L., Gauthier, M. L., Dhami, M. K., Fukami, T.
2018; 127 (3): 345–52
- **Priority effects are weakened by a short, but not long, history of sympatric evolution.** *Proceedings. Biological sciences*
Zee, P. C., Fukami, T.
2018; 285 (1871)
- **Priority effects are weakened by a short, but not long, history of sympatric evolution** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
Zee, P. C., Fukami, T.
2018; 285 (1871)
- **Species coexistence through simultaneous fluctuation-dependent mechanisms.** *Proceedings of the National Academy of Sciences of the United States of America*
Letten, A. D., Dhami, M. K., Ke, P. J., Fukami, T. n.

2018

- **Role of priority effects in the early-life assembly of the gut microbiota.** *Nature reviews. Gastroenterology & hepatology*
Sprockett, D. n., Fukami, T. n., Relman, D. A.
2018; 15 (4): 197–205
- **Geographical Variation in Community Divergence: Insights from Tropical Forest Monodominance by Ectomycorrhizal Trees** *AMERICAN NATURALIST*
Fukami, T., Nakajima, M., Fortunel, C., Fine, P. V. A., Baraloto, C., Russo, S. E., Peay, K. G.
2017; 190: S105–S122
- **Priority effects are interactively regulated by top-down and bottom-up forces: evidence from wood decomposer communities** *ECOLOGY LETTERS*
Leopold, D. R., Wilkie, J., Dickie, I. A., Allen, R. B., Buchanan, P. K., Fukami, T.
2017; 20 (8): 1054–63
- **Dispersal enhances beta diversity in nectar microbes** *ECOLOGY LETTERS*
Vannette, R. L., Fukami, T.
2017; 20 (7): 901–10
- **Movements of four native Hawaiian birds across a naturally fragmented landscape** *JOURNAL OF AVIAN BIOLOGY*
Knowlton, J. L., Flaspohler, D. J., Paxton, E. H., Fukami, T., Giardina, C. P., Gruner, D. S., Rankin, E.
2017; 48 (7): 921–31
- **Linking modern coexistence theory and contemporary niche theory** *ECOLOGICAL MONOGRAPHS*
Letten, A. D., Ke, P., Fukami, T.
2017; 87 (2): 161–177
- **Evolutionary priority effects persist in anthropogenically created habitats, but not through nonnative plant invasion.** *New phytologist*
Brandt, A. J., Lee, W. G., Tanentzap, A. J., Hayman, E., Fukami, T., Anderson, B. J.
2017
- **Non-target effects of fungicides on nectar-inhabiting fungi of almond flowers** *ENVIRONMENTAL MICROBIOLOGY REPORTS*
Schaeffer, R. N., Vannette, R. L., Brittain, C., Williams, N. M., Fukami, T.
2017; 9 (2): 79–84
- **Precipitation alters the strength of evolutionary priority effects in forest community assembly of pteridophytes and angiosperms** *JOURNAL OF ECOLOGY*
Brandt, A. J., Tanentzap, A. J., Leopold, D. R., Heenan, P. B., Fukami, T., Lee, W. G.
2016; 104 (6): 1673–1681
- **Genetic basis of priority effects: insights from nectar yeast.** *Proceedings. Biological sciences*
Dhami, M. K., Hartwig, T., Fukami, T.
2016; 283 (1840): -?
- **Genetic basis of priority effects: insights from nectar yeast** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
Dhami, M. K., Hartwig, T., Fukami, T.
2016; 283 (1840)
- **Nonlinear, interacting responses to climate limit grassland production under global change** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Zhu, K., Chiariello, N. R., Tobeck, T., Fukami, T., Field, C. B.
2016; 113 (38): 10589–10594
- **Forest area and connectivity influence root-associated fungal communities in a fragmented landscape** *ECOLOGY*
Vannette, R. L., Leopold, D. R., Fukami, T.
2016; 97 (9): 2374–2383
- **Forest area and connectivity influence root-associated fungal communities in a fragmented landscape.** *Ecology*
Vannette, R. L., Leopold, D. R., Fukami, T.
2016; 97 (9): 2374–2383

- **Convergence and divergence in a long-term old-field succession: the importance of spatial scale and species abundance** *ECOLOGY LETTERS*
Li, S., Cadotte, M. W., Meiners, S. J., Pu, Z., Fukami, T., Jiang, L.
2016; 19 (9): 1101-1109
- **Hierarchical neighbor effects on mycorrhizal community structure and function.** *Ecology and evolution*
Moeller, H. V., Dickie, I. A., Peltzer, D. A., Fukami, T.
2016; 6 (15): 5416-5430
- **A framework for priority effects** *JOURNAL OF VEGETATION SCIENCE*
Fukami, T., Mordecai, E. A., Ostling, A.
2016; 27 (4): 655–57
- **Nectar microbes can reduce secondary metabolites in nectar and alter effects on nectar consumption by pollinators** *ECOLOGY*
Vannette, R. L., Fukami, T.
2016; 97 (6): 1410-1419
- **Plant and root endophyte assembly history: interactive effects on native and exotic plants** *ECOLOGY*
Sikes, B. A., Hawkes, C. V., Fukami, T.
2016; 97 (2): 484-493
- **Florivory and pollinator visitation: a cautionary tale.** *AoB PLANTS*
Tsuji, K., Dhami, M. K., Cross, D. J., Rice, C. P., Romano, N. H., Fukami, T.
2016; 8
- **Mycorrhizal co-invasion and novel interactions depend on neighborhood context** *ECOLOGY*
Moeller, H. V., Dickie, I. A., Peltzer, D. A., Fukami, T.
2015; 96 (9): 2336-2347
- **When do plant radiations influence community assembly? The importance of historical contingency in the race for niche space** *NEW PHYTOLOGIST*
Tanentzap, A. J., Brandt, A. J., Smissen, R. D., Heenan, P. B., Fukami, T., Lee, W. G.
2015; 207 (2): 468-479
- **Evolutionary priority effects in New Zealand alpine plants across environmental gradients** *JOURNAL OF BIOGEOGRAPHY*
Leopold, D. R., Tanentzap, A. J., Lee, W. G., Heenan, P. B., Fukami, T.
2015; 42 (4): 729-737
- **Complex organism-environment feedbacks buffer species diversity against habitat fragmentation** *ECOGRAPHY*
Zee, P. C., Fukami, T.
2015; 38 (4): 370-379
- **Historical Contingency in Community Assembly: Integrating Niches, Species Pools, and Priority Effects** *ANNUAL REVIEW OF ECOLOGY, EVOLUTION, AND SYSTEMATICS, VOL 46*
Fukami, T.
2015; 46: 1-23
- **Temporal variation in fungal communities associated with tropical hummingbirds and nectarivorous bats** *FUNGAL ECOLOGY*
Belisle, M., Mendenhall, C. D., Brenes, F. O., Fukami, T.
2014; 12: 44-51
- **Rapid evolution of adaptive niche construction in experimental microbial populations** *EVOLUTION*
Callahan, B. J., Fukami, T., Fisher, D. S.
2014; 68 (11): 3307-3316
- **Rapid evolution of adaptive niche construction in experimental microbial populations.** *Evolution; international journal of organic evolution*
Callahan, B. J., Fukami, T., Fisher, D. S.
2014; 68 (11): 3307-3316
- **Environmental variability counteracts priority effects to facilitate species coexistence: evidence from nectar microbes.** *Proceedings. Biological sciences / The Royal Society*

- Tucker, C. M., Fukami, T.
2014; 281 (1778): 20132637-?
- **Ectomycorrhizal fungal traits reflect environmental conditions along a coastal California edaphic gradient.** *FEMS microbiology ecology*
Moeller, H. V., Peay, K. G., Fukami, T.
2014; 87 (3): 797-806
 - **Non-Native Plants Disrupt Dual Promotion of Native Alpha and Beta Diversity (vol 48, pg 319, 2013)** *FOLIA GEOBOTANICA*
Fukami, T., Bellingham, P. J., Peltzer, D. A., Walker, L. R.
2014; 49 (1): 113–15
 - **Honey bees avoid nectar colonized by three bacterial species, but not by a yeast species, isolated from the bee gut.** *PloS one*
Good, A. P., Gauthier, M. L., Vannette, R. L., Fukami, T.
2014; 9 (1)
 - **Historical contingency in species interactions: towards niche-based predictions** *ECOLOGY LETTERS*
Vannette, R. L., Fukami, T.
2014; 17 (1): 115-124
 - **Honey bees avoid nectar colonized by three bacterial species, but not by a yeast species, isolated from the bee gut.** *PloS one*
Good, A. P., Gauthier, M. L., Vannette, R. L., Fukami, T.
2014; 9 (1)
 - **Sustaining ecosystem functions in a changing world: a call for an integrated approach** *JOURNAL OF APPLIED ECOLOGY*
Tomimatsu, H., Sasaki, T., Kurokawa, H., Bridle, J. R., Fontaine, C., Kitano, J., Stouffer, D. B., Vellend, M., Bezemer, T., Fukami, T., Hadly, E. A., van der Heijden, M. G. A., Kawata, et al
2013; 50 (5): 1124–30
 - **Non-Native Plants Disrupt Dual Promotion of Native Alpha and Beta Diversity** *FOLIA GEOBOTANICA*
Fukami, T., Bellingham, P. J., Peltzer, D. A., Walker, L. R.
2013; 48 (3): 319-333
 - **Patterns and Processes of Microbial Community Assembly** *MICROBIOLOGY AND MOLECULAR BIOLOGY REVIEWS*
Nemergut, D. R., Schmidt, S. K., Fukami, T., O'Neill, S. P., Bilinski, T. M., Stanish, L. F., Knelman, J. E., Darcy, J. L., Lynch, R. C., Wickey, P., Ferrenberg, S.
2013; 77 (3): 342-356
 - **IBI* series winner. Integrating inquiry-based teaching with faculty research.** *Science*
Fukami, T.
2013; 339 (6127): 1536-1537
 - **Plant-soil feedbacks: the past, the present and future challenges** *JOURNAL OF ECOLOGY*
van der Putten, W. H., Bardgett, R. D., Bever, J. D., Bezemer, T. M., Casper, B. B., Fukami, T., Kardol, P., Klironomos, J. N., Kulmatiski, A., Schweitzer, J. A., Suding, K. N., van de Voorde, T. F., Wardle, et al
2013; 101 (2): 265-276
 - **Consequences of plant-soil feedbacks in invasion** *JOURNAL OF ECOLOGY*
Suding, K. N., Harpole, W. S., Fukami, T., Kulmatiski, A., MacDougall, A. S., Stein, C., van der Putten, W. H.
2013; 101 (2): 298-308
 - **Complex plant-soil interactions enhance plant species diversity by delaying community convergence** *JOURNAL OF ECOLOGY*
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