# Joel H. **Nitta**

Associate Professor
*Graduate School of Global and Transdisciplinary Studies, Chiba University, Chiba, Japan*
joelnitta@chiba-u.jp | www.joelnitta.com | joelnitta | Joel H. Nitta

*Studying biology at the intersection of ecology and evolution from species to the globe*

## Education

**Harvard University** — *Cambridge, MA*
PhD in Organismic and Evolutionary Biology — *Nov. 2016*
- Advisor: Prof. Charles C. Davis
- Dissertation: Ecology and Evolution of the Ferns of Moorea and Tahiti, French Polynesia

**University of Tokyo** — *Tokyo, Japan*
MS in Biological Sciences — *Mar. 2010*
- Advisor: Prof. Motomi Ito
- Thesis: Reticulate Evolution in the *Crepidomanes minutum* Species Complex (Hymenophyllaceae)

**University of California, Berkeley** — *Berkeley, CA*
BA in Integrative Biology and Japanese Language — *May 2007*
- Advisor: Prof. Brent. D. Mishler
- Honor's Thesis: The Filmy Ferns of Moorea, French Polynesia: A Case Study in Integrative Taxonomy
- Highest Honors in Integrative Biology
- Highest Distinction in General Scholarship

## Skills

| | |
|---|---|
| **Field** | Pteridophyte species identification, botanical specimen collection, field survey design |
| **Lab** | DNA extraction, PCR, Sanger DNA sequencing, next-gen DNA sequencing (sequence capture), gel electrophoresis, cloning |
| **Programming** | R, Docker, Git, bash |
| **Languages** | English (native), Japanese (fluent), Spanish (beginner) |
| **Teaching** | Certified Software Carpentry Instructor |

## Experience

**Graduate School of Global and Transdisciplinary Studies, Chiba University** — *Chiba, Japan*
Associate Professor — *Apr. 2023 -*
- Teaching and research.

**Department of Integrated Biosciences, The University of Tokyo** — *Tokyo, Japan*
Project Research Associate — *Apr. 2020 - Mar. 2023*
- Provided analytical support for various -omics projects.

**Department of Botany, National Museum of Natural History, Smithsonian Institution** — *Washington, DC, USA*
Peter Buck Postdoctoral Research Fellow — *Jan. 2019 - Mar. 2020*
- Assembled a global dataset to analyze the the biogeographical history of ferns and lycophytes in the tropical Pacific.

**Department of Botany, National Museum of Nature and Science** — *Tsukuba, Japan*
Japan Society for the Promotion of Science Postdoctoral Research Fellow — *Nov. 2016 - Dec. 2018*
- Applied next-generation DNA sequencing to reconstruct the evolutionary history of the *Thelypteris angustifrons* fern species complex.

**Harvard University Herbaria** — *Cambridge, MA*
Curatorial Fellow — *Jan. 2016 – Jun. 2016*
- Updated organization of pteridophytes to reflect current understanding of phylogeny.

**Harvard University** *Cambridge, MA*

Graduate Student Instructor *Jan. 2014 - May 2014*

- Taught lab section of OEB 52, Biology of Plants.

**Harvard University** *Cambridge, MA*

Graduate Student Instructor *Jan. 2013 - May 2013*

- Taught lab section of OEB 52, Biology of Plants.

**Moorea Biocode Project** *Moorea, French Polynesia*

Research Staff *Apr. 2010 – Aug. 2011*

- Oversaw collection of all fern species on island of Moorea, French Polynesia.
- Developed guide and key to Moorean ferns (http://ucjeps.berkeley.edu/moorea/).

**O'Grady Lab, Environmental Science, Policy, and Management, UC Berkeley** *Berkeley, CA*

Undergraduate Research Apprentice *Jan. 2006 - Aug. 2006*

- Conducted phylogenetic analysis of evolutionary history and biogeography of endemic Hawaiian *Dicranomyia* (craneflies).

**Student Learning Center, UC Berkeley** *Berkeley, CA*

Biology Tutor *Jan. 2006 – May 2006*

- Tutored students in general biology and received training to lead study groups.

## Teaching

### Undergraduate

**Biodiversity and Japan** *Chiba University, Japan*

Japanese Studies *2023 Spring*

Introduction to the biodiversity of Japan in a global context

**Reproducible Data Analysis** *Chiba University, Japan*

International Studies *2023 Summer*

Introduction to essential tools and concepts needed for reproducible data analysis

## Software

Software that I developed and maintain:

**canaper** *https://github.com/joelnitta/canaper*

Categorial analysis of neo-and paleo-endemism *R package*

- Analyzes metrics of phylogenetic biodiversity
- Increased speed via parallelization
- Passed code review at ROpenSci

**taxastand** *https://github.com/joelnitta/taxastand*

Standardize species names across data sources *R package*

- Resolves synonyms in species names
- Implements fuzzy matching
- Accounts for the rules of biological nomenclature

**dwctaxon** *https://github.com/joelnitta/dwctaxon*

Tools for working with Darwin Core Taxon data *R package*

- Edit and validate data conforming to Darwin Core Taxon format
- Validate datasets
- Passed code review at ROpenSci

**readmedown** *https://github.com/joelnitta/readmedown*

Generate data README files *R package*

- Makes generating README files for data repositories easy
- Verifies that data content match description

Software that I maintain:

**restez** *https://github.com/ropensci/restez*

Access GenBank data locally *R package*

- Download GenBank data to a local database
- Query and extract GenBank data locally

**rgnparser** *https://github.com/ropensci/rgnparser*

Interface to gnparser in R *R package*

- Run gnparser from R
- Parse scientific names into their component parts

For complete summary of projects on github, please see https://github.com/joelnitta

## Grants & Awards

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|---|---|---|
| 2022 | **Japan Society for the Promotion of Science Kakenhi (Grant-in-Aid for Early-Career Scientists)**, $31,000 | *Tokyo, Japan* |
| 2019 | **Smithsonian Institution Barcode Initiative**, $8,000 | *Washington, DC* |
| 2016 | **Japan Society for the Promotion of Science Kakenhi (Grant-in-Aid for JSPS Fellows)**, $21,000 | *Tsukuba, Japan* |
| 2015 | **Pteridological Section of the Botanical Society of America Warren H. Wagner, Jr. Student Travel Award**, $500 | *Edmonton, Canada* |
| 2015 | **National Science Foundation Doctoral Dissertation Improvement Grant**, $13,00 | *Cambridge, MA* |
| 2013 | **Garden Club of America Award in Tropical Botany**, $5,500 | *Cambridge, MA* |
| 2012 | **American Society of Plant Taxonomists Research Grant for Graduate Students**, $850 | *Cambridge, MA* |
| 2012 | **Systematics Association Systematics Research Fund**, $2,350 | *Cambridge, MA* |
| 2012 | **Society of Systematic Biologists Graduate Student Research Award**, $1,900 | *Cambridge, MA* |
| 2008 | **University of Tokyo Academic Research Grant, International**, $1,500 | *Tokyo, Japan* |

## Honors

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|---|---|---|
| 2022 | **Best Talk**, Intelligent Systems for Molecular Biology EvolCompGen COSI | *Madison, WI (online)* |
| 2022 | **The Young Scientist Award**, Japanese Society for Plant Systematics | *Tokyo, Japan* |
| 2021 | **Best Oral Presentation**, Japanese Society for Plant Systematics | *Tokyo, Japan* |
| 2008 | **Japanese Government (Monbukagakusho: MEXT) Scholarship**, University of Tokyo | *Tokyo, Japan* |
| 2007 | **Phi Beta Kappa Society**, University of California, Berkeley | *Berkeley, CA* |
| 2007 | **Departmental Citation**, Department of Integrative Biology, University of California, Berkeley | *Berkeley, CA* |
| 2002 | **Regents and Chancellor's Scholar**, University of California, Berkeley | *Berkeley, CA* |

## Publications

### Journal Articles

**Systematics and biogeography of the Old World fern genus *Antrophyum***

C.-W. Chen, S. Lindsay, **J. H. Nitta**, G. Rouhan, M. Sundue, L. R. Perrie, Y.-M. Huang, W.-L. Chiou, K.-F. Chung

*Cladistics* (Apr. 20, 2023) cla.12538. doi: 10.1111/cla.12538

**Ferns as a model system for evolutionary biology**

**J. H. Nitta**

*The Journal of Phytogeography and Taxonomy* 71.2 (Nov. 17, 2023) pp. 115–126. doi: 10.18942/chiribunrui.0712-03

**Machine learning methods reveal processes affecting abundance at multiple scales. A commentary on 'Global and regional drivers of abundance patterns in the hart's tongue fern complex (Aspleniaceae)'**

**J. H. Nitta**

*Annals of Botany* 131.5 (May 15, 2023) pp. i–ii. DOI: 10.1093/aob/mcad024

**canaper: Categorical analysis of neo- and paleo-endemism in R**

**J. H. Nitta**, S. W. Laffan, B. D. Mishler, W. Iwasaki

*Ecography* (July 18, 2023) e06638. DOI: 10.1111/ecog.06638

**Resolving deep relationships and revealing ancient whole-genome duplications in Pteridaceae using transcriptomic data**

M. J. Song, C. J. Rothfels, E. Schuettpelz, **J. H. Nitta**, L. Huiet, F.-W. Li, K. M. Wefferling

*American Fern Journal* 113.3 (Sept. 29, 2023). DOI: 10.1640/0002-8444-113.3.191

**Identifying cryptic fern gametophytes using DNA barcoding: A review**

**J. H. Nitta**, S. M. Chambers

*Applications in Plant Sciences* 10 (2022) e11465. DOI: 10.1002/aps3.11465

**Spatial Phylogenetics of Japanese Ferns: Patterns, Processes, and Implications for Conservation**

**J. H. Nitta**, B. D. Mishler, W. Iwasaki, A. Ebihara

*American Journal of Botany* 109.5 (2022) pp. 727–745. DOI: 10.1002/ajb2.1848

**An Open and Continuously Updated Fern Tree of Life (FTOL)**

**J. H. Nitta**, E. Schuettpelz, S. Ramírez-Barahona, W. Iwasaki

*Frontiers in Plant Sciences* (2022) In Press. DOI: 10.1101/2022.03.31.486640

**Ecophysiological differentiation between life stages in filmy ferns (Hymenophyllaceae)**

**J. H. Nitta**, J. E. Watkins Jr. N. M. Holbrook, T. W. Wang, C. C. Davis

*Journal of Plant Research* 134.5 (2021) pp. 971–988. DOI: 10.1007/s10265-021-01318-z

**A taxonomic and molecular survey of the pteridophytes of the Nectandra Cloud Forest Reserve, Costa Rica**

**J. H. Nitta**, A. Ebihara, A. R. Smith

*PLoS ONE* 15.11 (2020) e0241231. DOI: 10.1371/journal.pone.0241231

**Life in the canopy: Community trait assessments reveal substantial functional diversity among fern epiphytes**

**J. H. Nitta**, J. E. Watkins Jr. C. C. Davis

*New Phytologist* 227.6 (2020) pp. 1885–1899. DOI: 10.1111/nph.16607

**An update and reassessment of fern and lycophyte diversity data in the Japanese Archipelago**

A. Ebihara, **J. H. Nitta**

*Journal of Plant Research* 132.6 (2019) pp. 723–738. DOI: 10.1007/s10265-019-01137-3

**Growth dynamics of independent gametophytes of *Pleurosoriopsis makinoi* (Polypodiaceae)**

A. Ebihara, **J. H. Nitta**, Y. Matsumoto, Y. Fukazawa, M. Kurihara, H. Yokote, K. Sakuma, O. Azakami, Y. Hirayama, R. Imaichi

*Bulletin of the National Museum of Nature and Science, Series B (Botany)* 45.2 (2019) pp. 77–86

**Virtual issue: Ecology and evolution of pteridophytes in the era of molecular genetics**

**J. H. Nitta**, A. Ebihara

*Journal of Plant Research* 132.6 (2019) pp. 719–721. DOI: 10.1007/s10265-019-01139-1

**Keeping an eye on coloration: Ecological correlates of the evolution of pitcher traits in the genus *Nepenthes* (Caryophyllales)**

K. J. Gilbert, **J. H. Nitta**, G. Talavera, N. E. Pierce

*Biological Journal of the Linnean Society* 123.2 (2018) pp. 321–337. DOI: 10.1093/biolinnean/blx142

***Microsorum* × *tohieaense* (Polypodiaceae), a new hybrid fern from French Polynesia, with implications for the taxonomy of *Microsorum***

**J. H. Nitta**, S. Amer, C. C. Davis

*Systematic Botany* 43.2 (2018) pp. 397–413. DOI: 10.1600/036364418X697166

**Life cycle matters: DNA barcoding reveals contrasting community structure between fern sporophytes and gametophytes**

**J. H. Nitta**, J.-Y. Meyer, R. Taputuarai, C. C. Davis

*Ecological Monographs* 87.2 (2017) pp. 278–296. DOI: 10.1002/ecm.1246

**The separation of generations: Biology and biogeography of long-lived sporophyteless fern gametophytes**

J. B. Pinson, S. M. Chambers, **J. H. Nitta**, L.-Y. Kuo, E. B. Sessa

*International Journal of Plant Sciences* 178.1 (2017) pp. 1–18. doi: 10.1086/688773

**A plastid phylogeny and character evolution of the Old World fern genus *Pyrrosia* (Polypodiaceae) with the description of a new genus: *Hovenkampia* (Polypodiaceae)**

X.-M. Zhou, L. Zhang, C.-W. Chen, C.-X. Li, Y.-M. Huang, D.-K. Chen, N. T. Thi, D. Cicuzza, R. Knapp, T. T. Tam, **J. H. Nitta**, X.-F. Gao, L.-B. Zhang

*Molecular Phylogenetics and Evolution* 114 (2017) pp. 271–294. doi: 10.1016/j.ympev.2017.06.020

**Fern species richness and abundance are indicators of climate change on high-elevation islands: evidence from an elevational gradient on Tahiti (French Polynesia)**

R. Pouteau, J.-Y. Meyer, P. Blanchard, **J. H. Nitta**, M. Terorotua, R. Taputuarai

*Climatic Change* 138 (2016) pp. 143–156. doi: 10.1007/s10584-016-1734-x

***Antrophyum solomonense* (Pteridaceae), a new species from the Solomon Islands, and its systematic position based on phylogenetic analysis**

C.-W. Chen, **J. H. Nitta**, M. Fanerii, T. Y. A. Yang, F. Pitisopa, C. W. Li, W.-L. Chiou

*Systematic Botany* 40.3 (2015) pp. 645–651. doi: 10.1600/036364415X689357

**A survey of the fern gametophyte flora of Japan: Frequent independent occurrences of noncordiform gametophytes**

A. Ebihara, A. Yamaoka, N. Mizukami, A. Sakoda, **J. H. Nitta**, R. Imaichi

*American Journal of Botany* 100.4 (2013) pp. 735–743. doi: 10.3732/ajb.1200555

**Reticulate evolution in the *Crepidomanes minutum* species complex (Hymenophyllaceae)**

**J. H. Nitta**, A. Ebihara, M. Ito

*American Journal of Botany* 98.11 (2011) pp. 1782–1800. doi: 10.3732/ajb.1000484

**Pteridophytes of Mo'orea, French Polynesia: Additional new records**

**J. H. Nitta**, J.-Y. Meyer, A. R. Smith

*American Fern Journal* 101.1 (2011) pp. 36–49. doi: 10.1640/0002-8444-101.1.36

**Molecular species identification with rich floristic sampling: DNA barcoding the pteridophyte flora of Japan**

A. Ebihara, **J. H. Nitta**, M. Ito

*PLoS ONE* 5.12 (2010) e15136. doi: 10.1371/journal.pone.0015136

**The Hymenophyllaceae of the Pacific area. 2. *Hymenophyllum* (excluding subgen. *Hymenophyllum*)**

A. Ebihara, **J. H. Nitta**, K. Iwatsuki

*Bulletin of the National Museum of Nature and Science, Series B (Botany)* 36.2 (2010) pp. 43–59

**New records of *Polyphlebium borbonicum*, an African filmy fern, in the New World and Polynesia**

A. Ebihara, **J. H. Nitta**, D. Lorence, J.-Y. Dubuisson

*American Fern Journal* 99.3 (2009) pp. 200–206. doi: 10.1640/0002-8444-99.3.200

**Hemi-epiphytism in *Vandenboschia collariata* (Hymenophyllaceae)**

**J. H. Nitta**, M. J. Epps

*Brittonia* 61.4 (2009) pp. 392–397. doi: 10.1007/s12228-009-9097-5

**Exploring the utility of three plastid loci for biocoding the filmy ferns (Hymenophyllaceae) of Moorea**

**J. H. Nitta**

*Taxon* 57.3 (2008) pp. 725–736. doi: 10.1002/tax.573006

**Mitochondrial phylogeny of the endemic Hawaiian craneflies (Diptera, Limoniidae, *Dicranomyia*): Implications for biogeography and species formation**

**J. H. Nitta**, P. O'Grady

*Molecular Phylogenetics and Evolution* 46.3 (2008) pp. 1182–1190. doi: 10.1016/j.ympev.2007.12.021

## Presentations

### Oral

**FTOL and PPG2: The cutting edge of pteridophyte evolution and systematics** *Tsukuba, Japan*

**J. H. Nitta** *2023*

Tsukuba Botanical Garden Special Fern Exhibit (*In Japanese*)

- Invited speaker

**Development of phylogenetic analysis pipelines for big data** — *Okinawa, Japan*

**J. H. Nitta**, W. Iwasaki — *2023*

25th Annual Meeting of the Society of Evolutionary Studies, Japan (*In Japanese*)

**The dwctaxon R package for editing and validating taxonomic data** — *Boise, ID (online)*

**J. H. Nitta**, W. Iwasaki — *2023*

Botanical Society of America Conference

**A new, community-driven approach to pteridophyte taxonomy** — *Chiba, Japan*

**J. H. Nitta** — *2022*

22nd Annual Meeting of the Japanese Society for Plant Systematics (*In Japanese*)

**Introducing taxastand and dwctaxon, a pair of R packages for standardizing species names in Darwin Core format** — *Online*

**J. H. Nitta**, W. Iwasaki — *2022*

BioDigiCon 2022

**The open fern tree of life: Towards a continuously updated global fern phylogeny** — *Kyoto, Japan*

**J. H. Nitta**, E. Schuettpelz, S. Ramírez-Barahona, W. Iwasaki — *2022*

86th Annual Meeting of the Botanical Society of Japan (*In Japanese*)

**The open fern tree of life: Towards a continuously updated global fern phylogeny** — *Numazu, Japan*

**J. H. Nitta**, E. Schuettpelz, S. Ramírez-Barahona, W. Iwasaki — *2022*

24th Annual Meeting of the Society of Evolutionary Studies, Japan (*In Japanese*)

**Resolving species names rapidly and accurately with the "taxastand" R package** — *Anchorage, AK (online)*

**J. H. Nitta**, W. Iwasaki — *2022*

Botanical Society of America Conference

**An Open and Continuously Updated Fern Tree of Life (FTOL)** — *Anchorage, AK (online)*

**J. H. Nitta**, E. Schuettpelz, S. Ramírez-Barahona, W. Iwasaki — *2022*

Botanical Society of America Conference

**An open and continuously updated Fern Tree of Life (FTOL)** — *Madison, WI (online)*

**J. H. Nitta**, E. Schuettpelz, S. Ramírez-Barahona, W. Iwasaki — *2022*

30th Conference on Intelligent Systems for Molecular Biology
- Best Talk, EvolCompGen COSI

**DNA Barcoding of Fern Gametophytes: Past, present, and future** — *Calicut, India (online)*

**J. H. Nitta** — *2022*

16th Conference of the Indian Fern Society and International Symposium
- Invited speaker

**Phylogenetic systematics and community assembly processes in ferns** — *Online*

**J. H. Nitta** — *2022*

21st Annual Meeting of the Japanese Society for Plant Systematics (*In Japanese*)
- Young Scientist Award Lecture

**The open fern tree of life: Towards a continuously updated global fern phylogeny** — *Online*

**J. H. Nitta**, W. Iwasaki — *2021*

20th Annual Meeting of the Japanese Society for Plant Systematics (*In Japanese*)
- Best Oral Presentation Award

**Intergenerational niche differentiation in filmy ferns** — *Hachioji, Japan (online)*

**J. H. Nitta**, J. E. Watkins, N. M. Holbrook, T. W. Wang., C. C. Davis — *2021*

85th Annual Meeting of the Botanical Society of Japan (*In Japanese*)

**Exploring dimensions of biodiversity in Japanese ferns** — *Nagoya, Japan (online)*

**J. H. Nitta**, B. Mishler, W. Iwasaki, A. Ebihara — *2020*

84th Annual Meeting of the Botanical Society of Japan (*In Japanese*)

**Exploring dimensions of biodiversity in Japanese ferns** — *Anchorage, AK (online)*

**J. H. Nitta**, B. Mishler, W. Iwasaki, A. Ebihara — *2020*

Botanical Society of America Conference

**Biogeography of Polynesian pteridophytes in a global context** — *New Haven, CT*

**J. H. Nitta**, A. White, W. Wagner, E. Schuettpelz — *2019*

3rd Annual Digital Data Conference

**Sequence capture of Eupolypod II ferns: Applications at deep and shallow phylogenetic levels** — *Hachioji, Japan*

**J. H. Nitta**, A. Ebihara — *2019*

18th Annual Meeting of the Japanese Society for Plant Systematics (*In Japanese*)

**Applying next-generation DNA sequencing to resolve the *Thelypteris angustifrons* species complex (Thelypteridaceae)** — *Taipei, Taiwan*

**J. H. Nitta**, N. Nakato, A. Ebihara — *2018*

7th Asian Symposium of Ferns and Lycophytes

**Fern community assembly on Moorea and Tahiti: Comparing gametophytes and sporophytes** — *Kyoto, Japan*

**J. H. Nitta**, J.-Y. Meyer, R. Taputuarai, C. C. Davis — *2017*

16th Annual Meeting of the Japanese Society for Plant Systematics (*In Japanese*)

**Fern flora of Moorea and Tahiti, French Polynesia: Community analysis using DNA barcodes** — *Noda, Japan*

**J. H. Nitta** — *2017*

Japan Pteridological Society Meeting (*In Japanese*)

- Invited speaker

**Life in the canopy: Comparative and community phylogenetic analyses of epiphytic growth in ferns** — *Shenzhen, China*

**J. H. Nitta**, J. E. Watkins, N. M. Holbrook, C. C. Davis — *2017*

19th International Botanical Congress

**Unraveling the evolutionary history of the *Parathelypteris angustifrons* species complex (Thelypteridaceae)** — *Shenzhen, China*

**J. H. Nitta**, N. Nakato, A. Ebihara — *2017*

19th International Botanical Congress

**Life cycle matters: Divergent patterns of community structure between fern sporophytes and gametophytes** — *Washington, DC*

**J. H. Nitta**, J.-Y. Meyer, R. Taputuarai, C. C. Davis — *2015*

Next Generation Pteridology Conference

**Life cycle matters: Divergent patterns of community structure between fern sporophytes and gametophytes** — *Edmonton, Canada*

**J. H. Nitta**, J. E. Watkins, N. M. Holbrook, C. C. Davis — *2015*

Botanical Society of America Conference

## Poster

**The dwctaxon R package for efficiently and accurately maintaining taxonomic data** — *Sapporo, Japan (online)*

**J. H. Nitta**, W. Iwasaki — *2023*

87th Annual Meeting of the Botanical Society of Japan (*In Japanese*)

**The taxastand R package for resolving species names rapidly and accurately** — *Online*

**J. H. Nitta**, W. Iwasaki — *2022*

21st Annual Meeting of the Japanese Society for Plant Systematics (*In Japanese*)

**canaper: Categorical analysis of neo- and paleo-endemism in R** — *Online*

**J. H. Nitta** — *2021*

Botanical Society of America Conference

**DNA barcode analysis of the pteridophyte flora of Nectandra Cloud Forest Reserve, Costa Rica.** — *Kanazawa, Japan*

**J. H. Nitta**, A. Ebihara, A. R. Smith — *2018*

17th Annual Meeting of the Japanese Society for Plant Systematics (*In Japanese*)

**A new hybrid fern species of *Microsorum* (Polypodiaceae) from Moorea, French Polynesia** — *Noda, Japan*

**J. H. Nitta**, S. Amer, C. C. Davis — *2017*

81st Annual Meeting of the Botanical Society of Japan (*In Japanese*)

**Comparative ecophysiology of the filmy ferns (Hymenophyllaceae) of Moorea, French Polynesia** — *Edmonton, Canada*

**J. H. Nitta**, J. E. Watkins, N. M. Holbrook, C. C. Davis — *2015*

Botanical Society of America Conference

**Investigating the role of a cryptic life stage in fern community assembly** — *Cambridge, MA*

**J. H. Nitta**, C. C. Davis — *2014*

9th Plant Biology Initiative Conference

**Investigating drivers of community assembly in the ferns of Moorea, French Polynesia: An ecological and evolutionary approach** — *Cambridge, MA*

**J. H. Nitta**, C. C. Davis — *2012*

7th Plant Biology Initiative Conference

**Reticulate evolution in the *Crepidomanes minutum* species complex** — *Hachioji, Japan*

**J. H. Nitta**, A. Ebihara, M. Ito — *2009*

41st Species Biology Conference (*In Japanese*)

## Community Activity

### Volunteer Roles

2022 - **Subject Editor**, *PhytoKeys*

2020 - **Editorial Board Member**, *Journal of Plant Research*

2018 - **Team Member**, Software Carpentry Japanese translation team

2017 - **Subject Editor**, *Phytotaxa*

### Society Membership

American Fern Society, Botanical Society of Japan, Japanese Society for Plant Systematics

### Journals Reviewed

*Acta Botanica Gallica*, *American Fern Journal*, *American Journal of Botany*, *Annals of Botany*, *AoB PLANTS*, *Australian Systematic Botany*, *Biology Letters*, *Botanical Journal of the Linnean Society*, *Botany Letters*, *Brittonia*, *Ecology and Evolution*, *Journal of Ecology*, *Journal of Plant Research*, *Molecular Phylogenetics and Phylogeny*, *New Phytologist*, *Plant Species Biology*, *Phytotaxa*, *PLoS ONE*, *Taxon*