

## Augusto Santos Rampasso

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O'Grady Lab | Department of Entomology | Cornell University  
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### EDUCATION

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Fall 2019 – Current	Cornell University, Ithaca, NY, USA PhD Candidate in Entomology Major Professor: Dr. Patrick M. O'Grady
August 2019	Universidade de São Paulo (USP), São Paulo, SP, Brazil Master of Science in Genetics and Evolutionary Biology Major Professor: Dr. Carlos R. Vilela
September 2017	Universidade de São Paulo (USP), São Paulo, SP, Brazil Undergraduate Degree in Biology Education (Licenciatura)
April 2016	Universidade de São Paulo (USP), São Paulo, SP, Brazil Bachelor of Science in Biological Sciences Major Professor: Dr. Carlos R. Vilela

### RESEARCH EXPERIENCE

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2019 – Current	<b>Doctoral researcher.</b> Dissertation title: Patterns of Diversification of Hawaiian Drosophilidae (Diptera). Department of Entomology, Cornell University.
2017 – 2019	<b>Master's researcher.</b> Dissertation title: Breeding sites of Drosophilidae (Diptera) at the forest reserve of the Universidade de São Paulo Biosciences Institute. Department of Genetics and Evolutionary Biology, Universidade de São Paulo (USP).
2015 – 2016	<b>Undergraduate researcher.</b> Department of Genetics and Evolutionary Biology, Universidade de São Paulo (USP). Supervisor: Dr. Carlos R. Vilela.
Summer 2014	<b>Undergraduate researcher.</b> Department of Biology, University of California, San Diego (UCSD). Supervisors: Drs. Maxi P. Richmond and Therese A. Markow.
2011 – 2013	<b>Undergraduate researcher.</b> Department of Genetics and Evolutionary Biology, Universidade de São Paulo (USP). Supervisor: Dr. Carlos R. Vilela.

## FELLOWSHIPS AND AWARDS

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- 2023 – 2024 **Graduate Lead Teaching Fellow.** Center for Teaching Innovation, Cornell University. Responsibilities: Attended bi-weekly meetings and lead one meeting per semester, mentored three new fellows in the process of developing and presenting teaching workshops (1-2 per semester), helped organize and coordinate a university-wide teaching conference, conducted peer workshops observations, and provided class observations and consultations for other graduate teaching assistants across campus (1 per semester). \$2000.
- 2022 – 2023 **Graduate Teaching Fellow.** Center for Teaching Innovation, Cornell University. Responsibilities: Attended bi-weekly meetings, developed and presented teaching workshops (1-2 per semester), helped organize and coordinate a university-wide teaching conference, conducted peer workshops observations, and presented a microteaching demonstration. \$2000.
- 2017 – 2019 **M. Sc. Fellowship.** Conselho de Desenvolvimento Científico e Tecnológico (CNPq). \$12,000 (R\$36,000).
- 2013 – 2014 **Undergraduate Exchange Program.** [Brazil Scientific Mobility Program.](#) \$75,000.

## GRANTS

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Mar 2024	<b>Griswold Endowment.</b> Department of Entomology, Cornell University.	\$1,500.
Mar 2024	<b>Rawlins Endowment.</b> Department of Entomology, Cornell University.	\$675.
Dec 2023	<b>Conference Travel Grant.</b> Graduate School, Cornell University.	\$700.
Oct 2023	<b>Research Travel Grant.</b> Graduate School, Cornell University.	\$1,200.
Jun 2023	<b>Conference Travel Grant.</b> Graduate School, Cornell University.	\$500.
Mar 2023	<b>Rawlins Endowment.</b> Department of Entomology, Cornell University.	\$500.
Feb 2023	<b>CUIC Expedition Fund.</b> Department of Entomology, Cornell University.	\$1,000.
Oct 2021	<b>Conference Travel Grant.</b> Graduate School, Cornell University.	\$515.
Apr 2021	<b>Griswold Endowment.</b> Department of Entomology, Cornell University.	\$1,250.

## TEACHING EXPERIENCE

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### Guest Lecturer

Fall 2023      ENTOM2120: Insect Biology. Coleoptera Diversity and Identification. Cornell University.

### **Graduate Teaching Assistant**

Fall 2023      ENTOM2100/BSOC2101: Plagues and People (191 students). Cornell University. Instructors: Dr. Laura Harrington, Dr. Courtney Murdock, and Dr. Emilie Gray.

Fall 2022      ENTOM2120: Insect Biology (34 students). Cornell University. Instructor: Dr. John Sanderson.

Spring 2022   ENTOM2010/2011: Alien Empire: The Bizarre Biology of Bugs (110 students). Cornell University. Instructors: Dr. Marina Caillaud and Dr. Bryan Danforth.

Fall 2020      ENTOM2030/2031: Honey Bees: Their intriguing biology and interactions with humans through the ages (186 students). Cornell University. Instructors: Dr. Marina Caillaud and Dr. David Peck.

Spring 2020   ENTOM4610: Model-Based Phylogenetics and Hypothesis Testing (21 students). Cornell University. Instructor: Dr. Corrie Moreau.

### **Teaching Workshops Presented**

Spring 2024   Refining and Editing your Teaching Philosophy Statement. Facilitators: Augusto Santos Rampasso and Megan Keller. Supervisors: Kim Webb and Dr. Derina Samuel. University-Wide Conference, Center for Teaching Innovation, Cornell University.

Spring 2024   Experiences on the Job Market. Facilitators: Augusto Santos Rampasso, Kim Webb, Kristie LeBeau, and Marissa Gee. Supervisor: Dr. Derina Samuel. University-Wide Conference, Center for Teaching Innovation, Cornell University.

Fall 2023      Final Session: Discussion of an Action Plan. Facilitators: Augusto Santos Rampasso and Colby Gekko. Supervisors: Kim Webb and Dr. Derina Samuel. Essentials of Teaching, Center for Teaching Innovation, Cornell University.

Fall 2023      Supporting Student Learning as a TA. Facilitators: Augusto Santos Rampasso and Elijah Sheridan. Supervisors: Kim Webb and Dr. Derina Samuel. Essentials of Teaching, Center for Teaching Innovation, Cornell University.

Spring 2023   Inclusive Teaching Strategies in STEM. Facilitators: Rink Tacoma-Fogal and Augusto Santos Rampasso. Supervisors: Brianna Zgurich and Dr. Derina Samuel. University-Wide Conference, Center for Teaching Innovation, Cornell University.

Spring 2023   Building an Inclusive Classroom Community. Facilitators: Rink Tacoma-Fogal and Augusto Santos Rampasso. Supervisors: Brianna Zgurich and Dr. Derina Samuel. University-Wide Conference, Center for Teaching Innovation, Cornell University.

Fall 2022      Supporting Student Learning as a TA. Facilitators: Kim Webb and Augusto Santos

Rampasso. Supervisors: Brianna Zgurich and Dr. Derina Samuel. Essentials of Teaching, Center for Teaching Innovation, Cornell University.

### **Adult Education Volunteer Teacher**

Fall 2017 – Spring 2019 Subject: Science. Escola Nova Lourenco Castanho, São Paulo, Brazil.

### **High School Teaching Assistant**

Fall 2015 – Fall 2016 Subject: Biology. Escola Nova Lourenco Castanho, São Paulo, Brazil.

### **ACADEMIC SERVICE**

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2024 **Graduate Teaching Fellows Program Selection Committee.** Center for Teaching Innovation, Cornell University.

2022 – 2024 **Member of the Curriculum Committee.** Department of Entomology, Cornell University.

2020 – 2021 **Member of the Diversity, Equity, and Inclusion Committee.** Department of Entomology, Cornell University.

2012 – 2013 **Member of the Executive Committee.** Department of Genetics and Evolutionary Biology, Universidade de São Paulo (USP).

### **PROFESSIONAL DEVELOPMENT**

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Summer 2024 **Reading Group – Exploring Inclusive Pedagogies.** Facilitators: Melina Ivanchikova and Dr. Derina Samuel. Center for Teaching Innovation, Cornell University.

Feb 2024 **Public Keynote – Equity-Minded Mentorship: Why and How Identity Matters.** Dr. Kimberly Griffin (University of Maryland). Multicultural Academic Council, Cornell University.

Jan 2024 **Flashpoints in the Classroom (and how not to panic...).** Center for Teaching Innovation. Cornell University.

Nov 2023 **Workshop – A low- or no-cost micro-CT Analysis Workflow.** Dr. Hollister Herhold (American Museum of Natural History). Department of Entomology, Cornell University.

2023 – 2024 [NextGen Professors Program](#). **Advancing Diversity in the Academy.** Graduate School, Cornell University.

Apr 2023 **Workshop – Improving workplace climate: empowering individuals to become active bystanders.** [AdvanceGEO](#) Partnership.

Jan 2023 **What Works: Social Annotation and Collaborative Reading.** Center for Teaching

Innovation, Cornell University.

- Fall 2022      **Online course – [Teaching and Learning in the Diverse Classroom](#)**. Center for Teaching Innovation, Cornell University.
- Mar 2022      **Developing a Teaching Portfolio**. Center for Teaching Innovation, Cornell University.
- Mar 2022      **Writing a Diversity Statement**. Center for Teaching Innovation, Cornell University.
- Mar 2022      **Writing a Teaching Statement**. Center for Teaching Innovation, Cornell University.
- Feb 2022      **Inclusive Teaching**. Center for Teaching Innovation, Cornell University.
- Feb 2022      **Implementing Active Learning**. Center for Teaching Innovation, Cornell University.
- Feb 2022      **Designing Active Learning Activities**. Center for Teaching Innovation, Cornell University.
- Feb 2022      **Getting Started with Active Learning**. Center for Teaching Innovation, Cornell University.
- Sep 2021      **Workshop – Applying for Academic Jobs**. Department of Entomology, Cornell University.
- Mar 2020      **Workshop – Intermediate R**. Cornell Statistical Consulting Unit, Cornell University.
- Spring/Fall 2014      **Undergraduate Exchange Program**. Indiana University–Purdue University–Indianapolis (IUPUI).
- Fall 2013      **Student at the [Intensive English Program](#)**. Indiana University, Bloomington.
- Jul 2013      **Workshop – Scientific Writing**. Instituto de Biociências, Universidade de São Paulo.

## **PUBLICATIONS**

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**Rampasso AS**, O’Grady PM. The evolution of two periphallallic sclerites of the male terminalia in *Drosophila* and related genera. *Submitted*.

Burgunder B\*, **Rampasso AS**, O’Grady P. 2022. The *Scaptomyza cyrtandrae* species group, with the description of a new species (Diptera: Drosophilidae). Bishop Museum Occasional Papers, 142: 75-87.

[HBS Records for 2021 \(bishopmuseum.org\)](https://bishopmuseum.org/records/2021)

McQueen EW, Afkhami M, Atallah J, Belote JM, Gompel N, Heifetz Y, Kamimura Y, Kornhauser SC, Masly JP, O’Grady P, Pelaez J, Rebeiz M, Rice G, Sanchez-Herrero E, Santos Nunes MD, **Santos Rampasso A**, Schnakenberg SL, Siegal ML, Takahashi A, Tanaka KM, Turetzek N, Zelinger E, Courtier-Ordogozo V, Toda MJ, Wolfner MF, Yassin A. 2022. A

standardized nomenclature and atlas of the female terminalia of *Drosophila melanogaster*. Fly, 16(1): 128-151.

[10.1080/19336934.2022.2058309](https://doi.org/10.1080/19336934.2022.2058309)

**Rampasso AS**, O’Grady PM. 2022b. Distribution and Taxonomy of Endemic and Introduced Drosophilidae in Hawaii. Zootaxa, 5106(1): 1-80.

[10.11646/zootaxa.5106.1.1](https://doi.org/10.11646/zootaxa.5106.1.1)

**Rampasso AS**, O’Grady PM. 2022a. Standardized terminology and visual atlas of the external morphology and terminalia for the genus *Scaptomyza* (Diptera: Drosophilidae). Fly, 16(1): 37-61.

<https://doi.org/10.1080/19336934.2021.1969220>

**Rampasso AS**, Markow TA, Richmond MR. 2017. Genetic and phenotypic differentiation suggests incipient speciation within *Drosophila arizonae* (Diptera: Drosophilidae). Biological Journal of the Linnean Society, 122(2): 444-454.

<https://doi.org/10.1093/biolinnean/blx073>

**Rampasso AS**, Vilela CR. 2017. A spontaneous body color mutation in *Drosophila nappae* (Diptera, Drosophilidae). Revista Brasileira de Entomologia, 61(2): 111-113.

<https://doi.org/10.1016/j.rbe.2017.01.001>

**Rampasso AS**, Vilela CR. 2015. Establishment of double mutant strains of *Drosophila melanogaster* (Diptera, Drosophilidae) for teaching purposes. *Drosophila* Information Service, 98: 157-162.

[Research Notes \(ou.edu\)](#)

\*: Undergraduate researcher.

## ONGOING PROJECTS

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**Rampasso AS**, O’Grady PM. A taxonomic revision of the subgenus *Elmomyza* (Diptera, Drosophilidae, *Scaptomyza*).

**Rampasso AS**, O’Grady PM. Origin and Diversification of the genus *Scaptomyza* (Diptera, Drosophilidae).

## PRESENTATIONS AT SCIENTIFIC MEETINGS

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### Invited

Jan 2024     **Rampasso AS**, O’Grady PM. A taxonomic revision of the subgenus *Elmomyza* (Diptera: Drosophilidae: *Scaptomyza*). 13<sup>th</sup> Annual Cornell Entomology Symposium. Ithaca, New York, USA.

Dec 2023     **Rampasso AS**, O’Grady PM. A taxonomic revision of the subgenus *Elmomyza* (Diptera: Drosophilidae: *Scaptomyza*). Pacific Entomological and Botanical Meeting

2023. Waikiki, Oahu, Hawaiian Archipelago.

Jan 2023     **Rampasso AS, O’Grady PM.** The evolution of two periphallic sclerites of the male terminalia in *Drosophila* and related genera. 12<sup>th</sup> Annual Cornell Entomology Symposium. Ithaca, New York, USA.

### Contributed

Jun 2023     **Rampasso AS, O’Grady PM.** The evolution of two periphallic sclerites of the male terminalia in *Drosophila* and related genera. Evolution 2023. Albuquerque, New Mexico, USA.

Nov 2021     **Rampasso AS, O’Grady PM.** The evolution of two periphallic sclerites of the male terminalia in *Scaptomyza* and related genera. Entomology 2021. Entomological Society of America Conference. Denver, Colorado, USA.

May 2021     **Rampasso AS, O’Grady PM.** Standardized terminology and visual atlas of the external morphology and terminalia for the genus *Scaptomyza* (Diptera: Drosophilidae). 4<sup>th</sup> *Drosophila* Genitalia Meeting. Virtual Conference.

### Poster

Nov 2017     **Rampasso AS, Vilela CR.** Fruits from three ornamental plants as breeding sites of invasive and native Drosophilidae (Diptera) in the capital of the state of São Paulo, Brazil. X Symposium on Ecology, Genetics and Evolution of *Drosophila*. Ouro Preto, Minas Gerais, Brazil.

### MENTORING

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Spring 2022   Undergraduate mentee: Ben Burgunder. Project: The *Scaptomyza cyrtandrae* species group, with the description of a new species (Diptera: Drosophilidae). Department of Entomology, Cornell University. Ithaca, New York, USA.

### FIELDWORK

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Summer 2024     **Continental US (New York).**

- Collected in multiple sites around Ithaca by net sweeping.

Winter 2023     **Hawaiian Archipelago (Maui).**

- Collected at the Waikamoi Forest Reserve by net sweeping.

Summer 2023     **Continental US (Colorado).**

- Collected in multiple sites around Denver and Boulder by net sweeping.

Summer 2023     **Continental US (New Mexico).**

- Collected in multiple sites around Santa Fe, Jemez Pueblo and Taos by net sweeping.

Summer 2023     **Continental US (New York).**

- Collected in multiple sites around Ithaca by net sweeping.
- Summer 2022 **Hawaiian Archipelago (Maui).**
  - Collected at the Waikamoi Forest Reserve by net sweeping.
- Summer 2022 **Continental US (New York).**
  - Collected in multiple sites around Ithaca by net sweeping.
- Summer 2021 **Continental US (Arizona).**
  - Collected in multiple sites around Tucson, Sedona, and Flagstaff by net sweeping.
- Summer 2021 **Continental US (New York).**
  - Collected in multiple sites around Ithaca by net sweeping.
- Winter 2020 **Hawaiian Archipelago (Big Island).**
  - Collected in multiple sites by net sweeping.
- Winter 2020 **Hawaiian Archipelago (Maui).**
  - Collected at the Waikamoi Forest Reserve by net sweeping.
- Winter 2020 **Hawaiian Archipelago (Oahu).**
  - Collected at the Manoa Cliff trail by net sweeping.
- Mar 2017 – Feb 2018 **Brazil (São Paulo).**
  - Collected multiple substrates at the Forest Reserve in the Universidade de São Paulo campus and reared the insects that used them as breeding sites.

## PROFESSIONAL SOCIETIES

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| 2022 – present | Society for the Study of Evolution |
| 2021           | Entomological Society of America   |