



**International Society of Hymenopterists 24 hour Virtual
Conference [#Hymathon2026](#)
(19-20 November 2026 from 17:00 UTC)**

Keynote Speaker, [Session #2](#) – 20 November 00:05 UTC



Gabriela P. Camacho
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**Old specimens, new questions: integrating curation, historical
DNA and phylogenomics in Atlantic Forest ants**

Gabriela (Gabi) Procópio Camacho is an Assistant Professor and Senior Curator of Hymenoptera at the Museu de Zoologia da Universidade de São Paulo (MZUSP), Brazil. She completed a PhD with Rodrigo Feitosa at the Universidade Federal do Paraná, including a year as a pre-doctoral fellow with Ted Schultz at the Smithsonian Institution, and was a postdoctoral researcher with Bonnie Blaimer and Brian Fisher at North Carolina State University and the California Academy of Sciences, and later at the Museum für Naturkunde Berlin, prior to joining MZUSP. Her research is focused on the systematics, evolution and biogeography of Hymenoptera, especially ants, combining fieldwork, morphology and alpha taxonomy with phylogenomics based on ultraconserved elements. As curator of a collection of roughly one million Hymenoptera specimens, she treats museum collections as a genomic resource, and her lab uses historical DNA from specimens to revise Neotropical ant genera and to map phylogenetic diversity and endemism across the Atlantic Forest, one of the most species-rich and threatened biomes on Earth. Her group is also building museomics capacity at MZUSP to expand the use of tropical biological collections in evolutionary research.