

Thiago Quintão Araújo, PhD

Postdoctoral Research Associate, State University of Campinas

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EDUCATION

- *Federal University of Minas Gerais*, Ph.D. Zoology May 2017
- *Federal University of Jequitinhonha and Mucuri Valleys*, MSc. Forest Science December 2012
- *Federal University of Jequitinhonha and Mucuri Valleys*, BSc. Biological Science July 2011

PROFESSIONAL EXPERIENCE

- *Postdoctoral Research Associate*, [Evolution of Meiofaunal Organisms Lab](#) · State University of Campinas · Campinas · SP · Brazil August 2018

Goal: conduct innovative and collaborative research of the morphology of muscular system of thaumastodermatids using the modern techniques of microscopy and explore under the light of the evolution under Dr. André Garrafonni's supervision

- *Graduate Research Assistant*, [Federal University of Minas Gerais](#) Federal University of Minas Gerais, Belo Horizonte · MG · Brazil April, 2013 to May 2017

Goal: Doctoral research in Zoology, the first attempt to link traditional Linnean ranks (family and genus-groups) with phylogenetic relationships on Xenotrichulidae, using the tree thinking under Dr. Alfredo Hannemann Wieloch's supervision

- *Graduate Research Assistant*, [The Laboratory of Invertebrate Biodiversity](#) University of Massachusetts Lowell, Lowell · MA · USA March, 2015 to May 2016

Goal: Doctoral research in Zoology, International scholar program, the first attempt to link traditional Linnean ranks (family and genus-groups) with phylogenetic relationships on Xenotrichulidae, using the tree thinking under Dr. Rick Hohberg's supervision

- *Graduate Research Assistant*, [Federal University of Jequitinhonha and Mucuri Valleys](#) · Diamantina · MG · Brazil March 2011 to December 2012

Goal: Masters research in Forestry, investigate the effects of different levels of environmental degradation and precipitation on community composition and meiofaunal abundance affected the ability of the community to recover and recolonise the meiobenthos under Dr. André Garrafonni's supervision

- *Undergraduate Research Assistant*, [Federal University of Jequitinhonha and Mucuri Valleys](#) · Diamantina · MG · Brazil July 2011 to December 2012

Goal: Survey of freshwater Gastrotricha in three hydrographic basins of Minas Gerais State under Dr. André Garrafonni's supervision

TEACHING EXPERIENCE

- *State University of Campinas, Systematics and Phylogenetics* August to December 2019
- *Federal University of Piauí, Marine Invertebrates* March 2019
- *Federal University of Piauí, Meiofaunal organisms Lab* March 2019
- *Federal University of Jequitinhonha and Mucuri Valleys, Introduction of Marine Biology* November 2014

VISITOR SCHOLAR AND INTERNATIONAL EXPERIENCE

- *University of Massachusetts Lowell · MA · USA* May 2018
Laboratory research on confocal techniques on marine Gastrotricha under Dr. Rick Hochberg's supervision
- *University of Massachusetts Lowell · MA · USA* March 2015 to March 2015
Laboratory research on phylogenetic and systematics of Xenotrichulidae (Gastrotricha) Dr. Rick Hochberg's supervision. Granted by Science without Borders/CNPq – Conselho Nacional de Desenvolvimento Científico e Tecnológico, Brazil
- *Università degli Studi di Urbino Carlo Bo · Urbino · Italy* July 2012
Laboratory research on freshwater Gastrotrich under Dr. Maria Balsamo's supervision
- *Federal Institute of Espírito Santo, Campus Alegre · Alegre · Brazil* December 2009
Laboratory research on freshwater Gastrotrich under Dr. Maria Balsamo's supervision

ACADEMIC HONORS AND AWARDS

- *I Semana de Integração: Ensino, pesquisa e extensão - Federal University of Jequitinhonha and Mucuri Valleys, Diamantina · MG · Brazil* June 2012
1st Place Oral Presentation

PUBLICATIONS

- ARS Garraffoni, **Araújo, T.Q.**, AP Lourenço, L Guidi, M Balsamo (2019) Integrative taxonomy of a new *Redudasys* species (Gastrotricha: Macrodasysida) sheds light on the invasion of fresh water habitats by macrodasysids. *Scientific Reports*.
- R Hochberg, MA Todaro, **Araújo, T.Q.**, S Atherton, M Balsamo, CY Chang, M Di Dimenico, ARS Garraffoni, L Guidi, T Känneby, A Kieneke, JJ Kirk, F Leasi, J Lee, T Nesteruk, M Dal Zotto, SJ Bownes, L Cesaroni, I-H Kim, L Münter, R Perissinotto (2017) A Tribute to William Hummon – Gastrotrich Biologist Extraordinaire. *Journal of the Marine Biological Association of the United Kingdom*.
- ARS Garraffoni, **Araújo, T.Q.** (2017) Phylogeny of *Pseudostomella* Swedmark, 1956 (Gastrotricha: Macrodasysida) base on morphological data and first insights on the historical biogeography of Thaumastodermatidae. *Proceedings of the Biological Society of Washington*.
- **Araújo, T.Q.** and Hochberg, R. (2017). Description of a new species of *Oregodasys* (Gastrotricha: Macrodasysida: Thaumastodermatidae) from Belize and Tobago. *Proceedings of the Biological Society of Washington*. <https://doi.org/10.2988/17-00003>.
- **Araújo, T.Q.**, R Hochberg. (2017) First description of a gastrotrich with four scale types, including feathered biancres, a novel find for Gastrotricha. *Journal of the Marine Biological Association of the United Kingdom*.
- **Araújo, T.Q.**, R Hochberg. Description of a new species of *Thaumastoderma* (Gastrotricha: Macrodasysida: Thaumastodermatidae) from Belize and Tobago. *Proceedings of the Biological Society of Washington*.
- Garraffoni, A. R. S., **Araújo, T. Q.**, Lourenço, A. P., Guidi, L., Balsamo, M. (2016). A new genus and new species of freshwater Chaetonotidae (Gastrotricha: Chaetonotida) from Brazil with phylogenetic position inferred from nuclear and mitochondrial DNA sequences. *Systematics and Biodiversity*.
- **Araújo, T.Q.**, Wieloch, A.H., Vidigal, T.H.D., Hochberg, R., Garraffoni, A.R.S. (2016). *Pseudostomella dolichopoda* Todaro, 2012 and *P. cataphracta* Ruppert, 1970 (Gastrotricha: Thaumastodermatidae): new records from Brazil and USA and an updated key to the genus. *Check List*.
- **Araújo, T. Q.**, Checon, H. H., Garraffoni, A. R. S. (2016). Alpha and beta diversity of freshwater meiofauna at different spatial scales in a Neotropical lotic system. *Marine and Freshwater Research*.
- **Araújo, T. Q.**, Atherton, S., Hochberg, R. (2015) First record and a description of a new species of (Gastrotricha: Macrodasysida: Thaumastodermatidae) from Tobago. *Proceedings of the Biological Society of Washington*.
- **Araújo, T. Q.**, Balsamo, M.; Garraffoni, A. R. S. (2014). A new species of *Pseudostomella* (Gastrotricha, Thaumastodermatidae) from Brazil. *Marine Biodiversity*.
- **Araújo, T. Q.**, Alcantara, F. C., Garraffoni, A. R.S. 2013. New records of Gastrotricha from Minas Gerais, Brazil. *Studies on Neotropical Fauna and Environment*.
- Garraffoni, A. R. S., **Araújo, T. Q.** (2010). Identification of key water Gastrotricha Brazil's continental and marine/ Chave de identificação de Gastrotricha de águas continentais e marinhas do Brasil. *Papéis Avulsos de Zoologia (USP.Museu de Zoologia. Impresso)*.

- Garraffoni, A. R. S., **Araújo, T. Q.**, Lourenco, A. P., Balsamo, M. 2010. New data on freshwater psammic Gastrotricha from Brazil. *ZooKeys*.

INVITED PRESENTATIONS

- *Federal University of Piauí, Floriano · PI · Brazil* March 2019
Lecture: “Meiofauna e a fantástica vida entre grãos” (In Portuguese)
- *State University of Santa Cruz, Ilhéus · BA · Brazil* November 2014
Lecture: “Introdução ao Filo Gastrotricha” (In Portuguese)

EXTENSION PRESENTATIONS

- Taxonomia e Ecologia de Gastrotricha de Água Doce. Fundação Centro Tecnológico de Minas Gerais, Belo Horizonte, MG, Brazil. May 2014

EVENTS ORGANIZATIONS

- I Symposium of Systematics and Biogeography, Diamantina · MG · Brazil October 2012
- Lectures day - 2010, the year of Biodiversity, Diamantina · MG · Brazil April 2010
- II Biology Week, Diamantina · MG · Brazil October 2009
- I Training Seminar for the Professional Biologist, Diamantina, MG, Brazil September 2009
- II Environmental Week, Diamantina · MG · Brazil June 2009
- I Biology Week, Diamantina · MG · Brazil October 2008

CONFERENCE PRESENTATIONS - ORAL (*In Portuguese*)

- **Araújo, T. Q.**, Garraffoni, A. R. S. (2012). O uso de Gastrotricha em estudo de biomonitoramento: um estudo de caso no Parque Estadual do Rio Preto - MG. XXIX Brazilian Congress of Zoology, Salvador, BA, Brazil
- Vieira, K., Alcantara, F. C., **Araújo, T. Q.**, Pimentel, D. M., Lourenço, A. P., Garraffoni, A. R. S.(2012). Efeitos da poluição por efluente doméstico na sobrevivência de Copepoda bentônico em laboratório. I Semana da Integração, Diamantina, MG, Brazil
- Vieira, K., Alcantara, F. C., **Araújo, T. Q.**, Lourenço, A. P., Garraffoni, A. R. S.(2012). Efeitos da poluição por efluente doméstico na resistência de Copepoda bentônico através de bioensaio. I Seminário da Pesquisa Científica do Parque Estadual do Biribiri

CONFERENCE PRESENTATIONS - POSTERS (*In Portuguese*)

- **Araújo, T. Q.**, Garraffoni, A. R. S. (2014). Efeito da degradação e do fluxo de corrente em comunidades meiofaunais de um ecossistema lótico no cerrado brasileiro. XXX Brazilian Congress of Zoology, Porto Alegre, RS, Brazil

- **Araújo, T. Q.**, Garraffoni, A. R. S. (2014). Descrição de um novo gênero e uma nova espécie de Gastrotricha (Chaetonotidae: Chaetonotinae) do Brasil. XXX Brazilian Congress of Zoology, Porto Alegre, RS, Brazil
- **Araújo, T. Q.**, Garraffoni, A. R. S., Oliveira, L. L. S., Batista, M. G. S., Batista, F. M. S., Carvalho, T. M. M., Morais, A. M. R., Wieloch, A. H., Vidigal, T. H. D. A. (2013). Primeiro levantamento de Gastrotricha no Nordeste Brasileiro. XXX Brazilian Congress of Limnology, Bonito, MS, Brazil
- Oliveira, L. L. S., **Araújo, T. Q.**, Garraffoni, A. R. S. (2013). Primeiro levantamento de Gastrotricha em lagoa costeira no Brasil. XXX Brazilian Congress of Limnology, Bonito, MS, Brazil
- **Araújo, T. Q.**, Oliveira, L. V. L., Alcantara, F. C., Garraffoni, A. R. S. (2012). Utilização de microinvertebrados aquáticos em estudo de biomonitoramento: um estudo de caso no Parque Estadual do Rio Preto (Brasil). XVI Congresso da Sociedade Ibérica de Limnologia, Guimarães, Portugal
- Alcantara, F. C., **Araújo, T. Q.**, Gomes, M. E., Garraffoni, A. R. S. (2012). Gastrotricha brasileiros de águas continentais I: três novos morfótipos de *Polymerurus* Remane, 1927. XXIX Brazilian Congress of Zoology, Salvador, BA, Brazil
- Alcantara, F. C., **Araújo, T. Q.**, Garraffoni, A. R. S. (2011). Primeiro Registro do Gênero *Polymerurus* Remane, 1927 (Gastrotricha) no Estado de Minas Gerais e Descrição de um Novo Morfotipo. XIII Jornada de Iniciação Científica e Tecnológica, Diamantina, MG, Brazil
- **Araújo, T. Q.**, Garraffoni, A. R. S. (2011). Levantamento de Gastrotricha em três Bacias Hidrográficas do Estado de Minas Gerais. XIII Jornada de Iniciação Científica e Tecnológica, Diamantina, MG, Brazil
- 7+ abstracts in Brazilian Professional meetings from 2008 to 2011

GRANTS

- [São Paulo Research Foundation – FAPESP](#) August 2019
Title: Integrative Taxonomy, morphological phylogenetic analysis and evolution of muscular system of Thaumastodermatidae Remane, 1927 (Gastrotricha: Macrotrichida)
Funded my Postdoctoral at the State University of Campinas (\$45,000)
- [Science without Borders/CNPq – Conselho Nacional de Desenvolvimento Científico e Tecnológico, Brazil](#) March 2015 to March 2016
Title: Morphological Phylogeny of Xenotrichulidae Funded my International Ph.D study at University of Massachusetts Lowell, Lowell · MA · USA (\$15,600)

JOURNAL REFEREE

- Annales Zoologici
- European Journal of Taxonomy
- Cahiers de Biologie Marine
- Proceedings of the Biological Society of Washington

PERSONAL PROJECTS

- Blog: <https://araujotq.netlify.com> - My blog developed with Hugo, blogdown, Rstudio, and GitHub

LANGUAGES

- Portuguese (Native speaker proficiency)
- English (Advanced proficiency)