

ERNESTO RAZURI-GONZALES, Ph.D.

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Section Entomology III
Senckenberg Research Institute and Natural History Museum
Senckenberganlage 25
Frankfurt am Main 60325, Germany

CURRENT POSITION

Senckenberg Research Institute and Natural History Museum, Frankfurt am Main, Germany **2020 – present**
Postdoctoral researcher

EDUCATION

Ph.D., Entomology, University of Minnesota, Twin Cities **2020**
Dissertation: “Phylogenomics of the caddisfly genus *Smicridea*, with a taxonomic revision of the *S. nigripennis* species group (Trichoptera: Hydropsychidae).”

B.S., Biology (Zoology track), Universidad Nacional Mayor de San Marcos, Lima, Peru **2009**

RESEARCH EXPERIENCE

Senckenberg Research Institute, Frankfurt am Main, Germany **2020 – present**
Postdoctoral researcher; Advisor: Steffen U. Pauls

University of Minnesota, Twin Cities **2015 – 2020**
Ph.D. graduate research assistant; Advisor: Ralph W. Holzenthal

University of Minnesota, Twin Cities **2014 – 2015**
M.S. graduate research assistant; Advisor: Ralph W. Holzenthal

PUBLICATIONS

Rázuri-Gonzales, E., Ngera, M. F., & Pauls, S. U. 2022. A new species of *Silvatares* (Trichoptera: Pisuliidae) from the Democratic Republic of the Congo. *ZooKeys* 1111: 371-380; doi: 10.3897/zookeys.1111.85307.

Ríos-Touma, B., Cuesta, F., **Rázuri-Gonzales, E.**, Holzenthal, R. W., Tapia, A., & Calderón-Loor, M. 2022. Elevational gradients in the Neotropics: Perspectives from freshwater caddisflies (Insecta: Trichoptera). *PLoS ONE* 17(8): e0272229; doi: 10.1371/journal.pone.0272229.

Ríos-Touma, B., Holzenthal, R. W., **Rázuri-Gonzales, E.**, Heckenhauer, J., Pauls, S. U., Storer, C. & Frandsen, P. B. 2021. *De novo* genome assembly and annotation of an Andean caddisfly, a model for genome research of high elevation adaptations. *Genome Biology and Evolution* 14(1): evab286; doi: 10.1093/gbe/evab286.

Desidério, G. R., **Rázuri-Gonzales, E.**, Pes, A. M. & Hamada, N. 2020. *Smicridea* (*Smicridea*) *nigripennis* species group (Trichoptera: Hydropsychidae) from Brazil: new species, new distributional records and an identification key. *Austral Entomology* 59: 265-279.

Rázuri-Gonzales, E. & B. Armitage. 2019. The Trichoptera of Panama. XI. Three new species of caddisflies in the genus *Smicridea* from Omar Torrijos and Santa Fe National Parks. *Insecta Mundi* 0710: 1-13.

Rázuri-Gonzales, E., Holzenthal, R. W. & B. Ríos-Touma. 2018. New *Atanatolica* species from Ecuador (Trichoptera, Leptoceridae). *ZooKeys* 793: 97-114; doi: 10.3897/zookeys.793.26712.

Rázuri-Gonzales, L. E., Holzenthal, R. W. & B. Ríos-Touma. 2017. Two new species of the rare Neotropical caddisfly genus *Amphoropsyche* Holzenthal (Trichoptera, Leptoceridae). *ZooKeys* 707:63-72; doi: 10.3987/zookeys.707.20759.

Holzenthal, R. W., Ríos-Touma, B. & **L. E. Rázuri-Gonzales**. 2017. New species of the endemic Neotropical caddisfly genus *Contulma* from the Andes of Ecuador (Trichoptera: Anomalopsychidae). *PeerJ* 5: e3967; doi:10.7717/peerj.3967.

Ríos-Touma, B., Holzenthal, R. W., Huisman, J., Thomson, R. & **L. E. Rázuri-Gonzales**. 2017. Diversity and distribution of the Caddisflies (Trichoptera) of Ecuador. *PeerJ* 5: e2851; doi: 10.7717/peerj.2851.

Rázuri-Gonzales, L. E. & R. W. Holzenthal. 2016. New synonyms in the highly diverse caddisfly genus *Smicridea* (Trichoptera: Hydropsychidae). *ZooKeys* 637:21-31; doi: 10.3897/zookeys.637.10148.

Holzenthal, R. W. & **L. E. Rázuri-Gonzales**. 2011. A new species of *Amphoropsyche* (Trichoptera, Leptoceridae) from Ecuador, with a key to the species in the genus. *ZooKeys* 111:59-65; doi: 10.3897/zookeys.111.813.

ADDITIONAL PUBLICATIONS

Pauls, S. U., Thomson, R., & **Rázuri-Gonzales, E.** 2022. Ralph W. Holzenthal – a mentor and friend retires. *Zookeys* 1111: 1-41; doi: 10.3897/zookeys.1111.83120.

Grados, J., Baynes, H., **Rázuri-Gonzales, L. E.**, Figueroa, L., Barrientos, J. & E. Guillermo. 2015. Insectos. In: Montoya, M., Cossios, D., Silva, M. & D. Coll (Eds.). Parque Nacional Bahuaja Sonene. Inventarios Biológicos Rápidos. Wildlife Conservation Society, Lima, Peru, pp. 92-107.

PRESENTATIONS

Rázuri-Gonzales, E. 2021. Los Trichoptera de Perú: Una visión general de su estado actual [The Trichoptera of Peru: An overview of their current status] (oral). I Congreso Nacional sobre Ciencias de la Vida y XXVIII Reunión Científica del ICBAR, Lima, Peru.

Rázuri-Gonzales, E. & R. W. Holzenthal. 2021. Nuevas especies del género *Smicridea* del Perú (Trichoptera: Hydropsychidae) [New species of the genus *Smicridea* from Peru (Trichoptera: Hydropsychidae)] (oral). IV Simposio “Avances en Biodiversidad y Conservación en el Perú”, Lima, Peru.

Rázuri-Gonzales, L. E. & R. W. Holzenthal. Two new species in the genus *Atopsyche*, subgenus *Dolochorema* from Peru (Trichoptera: Hydrobiosidae) (poster). Entomological Society of America meeting, Minneapolis, MN, USA, 2015.

Rázuri-Gonzales, L. E. & R. W. Holzenthal. The genus *Atanotica* (Leptoceridae) from the Neotropics (oral). XV International Symposium on Trichoptera, New Brunswick, NJ, USA, 2015.

Rázuri-Gonzales, L. E. & R. W. Holzenthal. Preliminary checklist to the caddisflies of Peru (poster). XV International Symposium on Trichoptera, New Brunswick, NJ, USA, 2015.

Grados, J., M. Alvarado, E. Bellota, C. Carranza, D. Chunga, C. Espinoza, L. Figueroa, L. Huerto, J. Peralta & **L. E. Rázuri-Gonzales**. Diversidad y distribución altitudinal de los Arctiini (Lepidoptera: Erebidae) en el Refugio de Vida Silvestre Bosques Nublados de Udimá, Cajamarca, Perú. LV Convención Nacional de Entomología, Lima, Peru, 2013.

Rázuri-Gonzales, L. E., R. W. Holzenthal & L. Figueroa. Los Tricópteros de Perú (Insecta: Trichoptera) (poster). LIV Convención Nacional de Entomología, Cusco, Peru, 2012.

Grados, J., L. Figueroa, **L. E. Rázuri-González** & E. Guillermo. Diversidad de Papilionoidea, Hesperoidea, Noctuoidea: Arctiidae (Lepidoptera) y Scarabaeinae (Coleoptera) del Alto Río Tambopata, Parque Nacional Bahuaja Sonene, Puno, Perú: estudio preliminar (oral). LIV Convención Nacional de Entomología, Cusco, Peru, 2012.

Holzenthal, R. W., C. Cressa, F. Muñoz-Quesada, **L. E. Rázuri-Gonzales** & B. Ríos-Touma. Trichoptera of the Tropical Andes, South America: current state of knowledge and research priorities (oral). XIV International Symposium on Trichoptera, Vladivostok, Russia, 2012.

AWARDS, GRANTS AND SCHOLARSHIPS

University of Minnesota, Department of Entomology <i>Marion Brooks-Wallace Graduate Fellowship</i>	2019
University of Minnesota, College of Food, Agricultural and Natural Resources <i>CFANS Alumni Society Award</i>	2017
University of Minnesota, Department of Entomology <i>Chiang Travel Grant</i>	2017
Marine Biological Laboratory, University of Chicago <i>Workshop on Molecular Evolution scholarship</i>	2017
Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica, Peru <i>Doctoral fellowship</i>	2015
University of Minnesota, Council of Graduate Students <i>COGS Conference Travel Grant</i>	2015
University of Minnesota, Global Programs and Strategy Alliance <i>Walter H. Judd Fellowship</i>	2015

Society for Freshwater Science <i>Systematic Fund Award</i>	2015
University of Minnesota, Department of Entomology <i>Chiang Travel Grant</i>	2014
Tambopata Research Society, UK <i>Project "Trichoptera diversity at Refugio Amazonas and Posada Amazonas, Tambopata National Reserve, Madre de Dios"</i>	2011
IdeaWild <i>Project "Trichoptera along an altitudinal gradient in Yanachaga-Chemillen National Park, Oxapampa, Pasco, Peru"</i>	2010
Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica, Peru <i>Travel grant</i>	2010

TEACHING EXPERIENCE

Universidad Nacional Mayor de San Marcos Undergraduate program in Biology <i>Trichoptera taxonomy and morphology, Guest Lecture, General Entomology</i>	2020 – 2022
Universidad Nacional Mayor de San Marcos Undergraduate program in Biology <i>Support values, consensus trees, and tree comparison methods, Guest Lecture, Evolution and Systematics</i>	2020 – 2021
AQUATROP meeting Workshop on Trichoptera Taxonomy I co-instructed a workshop on caddisfly taxonomy, collection methods, and specimen curation	2018
University of Minnesota, Twin Cities Graduate program in Entomology <i>Teaching Assistant, Insect Biodiversity and Evolution (ENT 5021)</i> I solved students' questions during the laboratory sessions. I also designed and graded insect identification tests.	2015
Universidad Nacional Mayor de San Marcos M.S. program in Zoology <i>The DELTA system (descriptive language for taxonomy), Guest Lecture, Cybertaxonomy</i>	2011

ADDITIONAL TEACHING EXPERIENCE

University of Minnesota, Twin Cities <i>Preparing for Future Faculty: Teaching in Higher Education (GRAD 8101), Fall 2016</i>
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CURATORIAL EXPERIENCE

Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Department of Entomology
Trichoptera guest curator, December 2008 to present
Curated the Trichoptera collection and identified undetermined material.

SERVICE TO THE SCIENTIFIC COMMUNITY

Scientific reviewer for the journals Zootaxa, Zookeys, Tropical Zoology, and PeerJ.