

## » Department of Limnology, Institute for Evolution and Biodiversity

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The academic staff of the Department of Limnology has been supporting a continuous scientific interchange with colleagues from various universities and institutes in Central and South America during the past 15 years. Numerous research projects in the field of taxonomy (description of new species), freshwater ecology (of organisms and ecosystems) as well as university teaching and tutoring commitments have been put into practice, since. In this environment, students from both South America and the University of Münster have participated in the exchange and achieved the master or PhD degree.

- 1 Yucatán:** Chironomid diversity and ecology of lowland lakes  
E.M. Vinogradova and H.W. Riss  
2005-2008

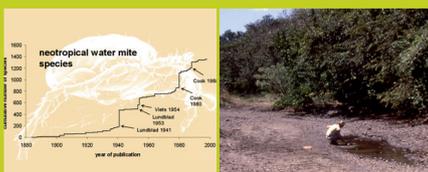


Sample with chironomids (highly diverse insects)

Taking samples from lake bottom

Male genital of one of new chironomid species described in the project

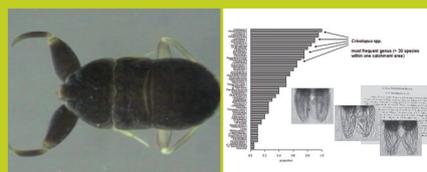
- 2 Costa Rica:** Water mites of running waters, T. Goldschmidt and E.I. Meyer, 1995-1999



Increasing trend in species records of water mite diversity

Sampling action in a small temporary water body

- 3 Colombia:** Biodiversity of the NE Andean Cordillera (UNAL), R. Ospina and H.W. Riss, 1995-2006



Belostoma sp. the giant water „scorpion“ of the tropics

Species and genera of chironomids, the most diverse animal group in fresh waters

- 4 Colombia:** Biological water quality indication system (Ecopetrol), J.D. Gutiérrez, H. Ovalle, and H.W. Riss, 2007- to date



The Rio Bogotá, one of the most polluted rivers of South America

Graph of the multidimensional ecological relations between environment and the diversity of freshwater animals

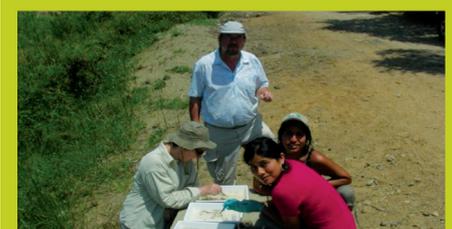
- 5 Chile:** Postgraduate course on water quality evaluation (UAC), E.I. Meyer and H.W. Riss, 2009



Laboratory work at the Universidad Austral de Chile

Taking students out for a sampling excursion on the Lago Panguipulli

- 6 Peru:** Postgraduate course on water quality evaluation (PUCP), G. Gunkel and E.I. Meyer, 2006



Sampling aquatic organisms from a mountain foot river

