

## PD Dr. Ingo Hahn

Room 183  
Robert-Koch-Str. 26-28  
D – 48149 Münster  
Tel.: +49-(0)251-83 30012  
Fax: +49-(0)251-83 38338  
E-Mail: [ingo.hahn@uni-muenster.de](mailto:ingo.hahn@uni-muenster.de), [geoeco.ingo@web.de](mailto:geoeco.ingo@web.de)  
Office hour Tue 14-15 h



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## PERSONAL DATA

### Ingo Hahn, Priv.-Doz. Dr. rer. nat.

Docent at the Inst. Landscape Ecology / Geography  
Biogeography and Landscape Ecology Res. Group,  
Westphalian Wilhelm University Münster, Germany  
Feodor-Lynen Fellow of the Humboldt Foundation

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Fax: +49-(0)251-83 38338  
E-Mail:  
[ingo.hahn@uni-muenster.de](mailto:ingo.hahn@uni-muenster.de)  
[geoeco.ingo@web.de](mailto:geoeco.ingo@web.de)  
Homepage:  
<http://biozoenologie.uni-muenster.de/index.php?id=69>

more than 45 publications; externally funded projects; four languages; five years abroad

### Research interests:

Biogeography, Landscape Ecology, Physical Geography, Animal Ecology, Ecosystem Research, Community Ecology, Insects, Ants, Birds, Ornithology, Animal-Plant Interaction, Animal-Habitat Relations, Neotropis, Island Ecology, Endemism, Climate Change, Botany

# CURRICULUM VITAE

## **Collage education / Graduate studies**

1990-1996: Diploma Landscape Ecology / Geography, Zoology and Botany at the Westphalian Wilhelm University of Münster, Germany.

1996 July 17: Diploma degree by exams in all subjects (Profs. Clemen, Daniels, Mattes) as well as by acceptance of the diploma thesis (Profs. Mattes, Schlatter)

1996 July 17: Federal Teacher Exam (Erstes Staatsexamen Lehramt) in Geography and Physics (for Gymnasium and Gesamtschule).

## **Doctorate**

1996-1998: Doctorate studies of Landscape Ecology, Zoology and Geography. Dissertation thesis: Investigations on ecology and environment of the land bird communities of the Juan Fernández Archipelago, Chile. First referee: Prof. Dr. Hermann Mattes, Chair of Animal Ecology and Biocenology. Second referee: Prof. Dr. Gerd Schulte, Chair of Applied Landscape Ecology & Ecol. Planning.

1998 December 4: Doctor degree of Natural Sciences (rer. nat.) by acceptance of the dissertation as well as by oral exams in three subjects (Profs. Sachser, Mattes, Lienau) (overall: magna cum laude = 1).

## **Post-doc studies**

1998-2000: I) First Post-doc period at the Sonoran Arthropod Studies Institute (SASI) and the University of Arizona (U of A) (both Tucson): “Biodiversity and habitats of the ant communities of the Tucson Mountain Park, Sonoran Desert”; in Cooperation with the Dep. Entomology (U of A); Field work since 1996.

2001-2004: II) Second Post-doc period at the Universidad Catolica de Chile (Santiago) & and the Universidad Austral de Chile (Valdivia): “Comparative zoogeography and ecology of Chilean mainland and island birds “; in Cooperation with the academic Dep. Ecology and the Dep. Sciences as well as the Chilean Forest and Environment Corporation.

2004-2006: III) Third Post-doc period at the University of Münster in cooperation with the Universities of Bielefeld & Trier (PD. Dr. Römer): “Taxonomy, zoogeography, and behavioural ecology of Neotropical dwarf cichlids (*Apistogramma*)”.

## **Habilitation**

1998-2006: Cumulative thesis: “Biogeography and ecology of the landbirds of the Juan Fernández Archipelago, Chile: Landscape ecological investigations of an oceanic group of islands with comparisons to the coastal island Mocha and to the mainland along an isolation gradient”. Lecture: Towards the feeding ecology of ants in the Sonoran Desert, Arizona: strategies of survival in an extreme environment.

2006 June 30: Venia legendi in “Biogeography and Landscape Ecology”; Inst. Landscape Ecology, Department of Geosciences, University of Münster, Germany.

### **Research Field activities abroad**

1992/1993: South Chile, Patagonia, Juan Fernández Islands (5 months)

1993: Research Station Mirnoje in the central Siberian Taiga at the Jenissey (1 month)

1994: South Chile, Patagonia, Juan Fernández Islands (2½ months)

1994/1995: Central Chile, Juan Fernández Islands (4 months)

1996: Sonora / South Arizona, North Mexico (2 months)

1997: Sonora / South Arizona, Utah, Colorado (2 months)

1998: Sonora / South Arizona, Lower California (Mexico) (2 months)

1999: Sonora / South Arizona, California, Oregon, Washington (2 months)

2000: Sonora / South Arizona, North Mexico (2 months)

2001: Sonora / South Arizona, Central and South-west Mexico (1 month)

2001-2003: since October in different regions of Chile for field investigations as well as in Bolivia, Peru und Argentina (total about 2½ years)

2006-2007: in various regions of Chile and Argentina (3 months)

### **Honors and Stipends**

1993: Travel expend stipend to the Research Station Mirnoje in central Siberia, Russia

1994: DAAD Language stipend for studies at the Univ. of Santiago de Compostela, Spain

1994/1995: DAAD Travel expend stipend for study and research affairs in Chile

1997-1998: Graduate stipend for Ph.D. / doctorate programme (FES) for 18 months

1996-2000: Sonoran Arthropod Studies Institute (SASI) fellowship and Funds by private corporations (T & E Inc. & Desert Museum Corp., Tucson, Arizona)

2001-2003: Feodor Lynen Fellowship by the Alexander von Humboldt Foundation (AvH)

2006-2007: Research Fellowship by the Humboldt Foundation (AvH) in Chile/Argentina

## PUBLICATIONS, PAPERS, AND MANUSCRIPTS

### 2007 and in preparation

I. Hahn & U. Römer. Island birds as invaders and indicators of climate change in the Pacific. Proceedings of the Biogeography Conference 8: 4-5 (May 11-12 2007, University of Erlangen) Erlangen. [German]

Römer, U. & I. Hahn. Climate change and changes in ecosystems: possible effects and their consequences for the biodiversity of Neotropical dwarf cichlids. Proceedings of the Biogeography Conference 8: 3-4 (May 11-12 2007, University of Erlangen) Erlangen. [German]

Hahn, I. (in prep.): Biodiversity and biogeography of the birds of the Juan Fernández Islands, Chile. 11 p. [English; with Spanish and German summary]

Hahn, I. U. Römer, and R. Schlatter (in prep.): Vegetation structure affects bird community composition in an island ecosystem: the role of nativity and introduction. 10 p. [English]

Hahn, I., U. Römer, and R. Schlatter (in prep.): Breeding habitats and nest sites of landbirds of the Juan Fernández Islands, Chile. 7 p. [English; with Spanish summary]

Hahn, I. (in prep.): Distribution of habitat types and landbirds on the Juan Fernández Archipelago. 14 p. [English]

Hahn, I. (in prep.): Use of landscape structures and adaptation to predator presence by brood-caring *Másafuera Rayaditos*. 6 p. [English; with Spanish summary]

### 2006

Hahn, I. (2006): Bioacoustic characteristics and population numbers of endemic *Cinclodes oustaleti baeckstroemii* (Aves: Furnariidae) Lönnberg, 1921 of Alejandro Selkirk Island, Chile. *Bonner Zoologische Beiträge* 55: 95-100. [English; with German and Spanish Abstract] [[pdf](#)]

Hahn, I. (2006): Biogeographical isolation and bioacoustics: the Juan Fernández Firecrown *Sephanoides fernandensis* (Aves: Trochilidae) (King, 1831) of Robinson Crusoe Island, Chile. *Bonner Zoologische Beiträge* 55: 101-103. [English] [[pdf](#)]

Hahn, I. U. Römer, and R. Schlatter. Population numbers and status of land birds of the Juan Fernández Archipelago, Chile. *Senckenbergiana biologica*. 86: 109-125. [English with Spanish Summary] [[pdf](#)]

Hahn, I. First reproductive records and nest sites of the endemic Juan Fernández Tit-tyrant *Anairetes fernandezianus* (Philippi 1857) (Aves: Tyrannidae) from Robinson Crusoe Island, Chile. *Zoologische Abhandlungen* 55: 177-190. [English with Spanish summary] [[pdf](#)]

Hahn, I. Equilibrium theory, human impact, and biodiversity change on islands: from case studies to the global situation. *Verh. Ges. Ökol.* 36: 252. [English]

Hahn, I. Biogeography and ecology of the land birds of the Juan Fernández Archipelago, Chile: Landscape ecological investigations of an oceanic group of islands with comparisons to the coastal island Mocha and to the mainland along an isolation gradient. Cumulative habilitation thesis at the Institute of Landscape Ecology, 185 p., Münster. [German overview and English papers]

Römer, U. and I. Hahn. *Ivanacara* gen. n. (Perciformes, Teleostei, Cichlasomatini) – a new genus cichlids from the Neotropis. In: Römer, U. (Ed.): Cichlid Atlas 2: Natural History of South American Dwarf Cichlids. Volume 2. Mergus-Verlag, Melle: 1150-1197. [English]

Römer, U, P. Pretor, and I. Hahn (*Apistogramma huascar* sp. n. - Description of a Dwarf Cichlid from Peru. In: Römer, U. (Ed.): Cichlid Atlas 2: Natural History of South American Dwarf Cichlids. Volume 2. Mergus-Verlag, Melle: 524-567. [English]

Römer, U, E. Römer, and I. Hahn. *Apistogramma rositae* sp. n. - Description of a new Dwarf Cichlid from Peru. In: Römer, U. (Ed.): Cichlid Atlas 2: Natural History of South American Dwarf Cichlids. Volume 2. Mergus-Verlag, Melle: 662-687. [English]

Römer, U., E. Römer, D. P. Soares, and I. Hahn. *Apistogramma pantalone* sp. n. - Description of a geophagine Dwarf Cichlid (Teleostei: Perciformes) from northern Peru. In: Römer, U. (Ed.): Cichlid Atlas 2: Natural History of South American Dwarf Cichlids. Volume 2. Mergus-Verlag, Melle: 636-660. [English]

Römer, U., I. Hahn, and A. Conrad. *Apistogramma wapisana* sp. n. - Description of a Dwarf Cichlid from Northern Brasil. In: Römer, U. (Ed.): Cichlid Atlas 2: Natural History of South American Dwarf Cichlids. Volume 2. Mergus-Verlag, Melle: 748-763. [English]

## 2005

Hahn, I., U. Römer, and R. Schlatter. First description of nesting ecology of the endemic Grey-flanked *Cinclodes Cinclodes oustaleti baeckstroemii* from the Juan Fernández Islands, Chile. Acta Ornithologica 40: 165-169. [English; with Polish summery] [[pdf](#)]

Hahn, I., U. Römer, and R. Schlatter. Distribution, habitat use, and abundance patterns of land bird communities on the Juan Fernández Islands, Chile. Ornitología Neotropical 16: 371-385. [English; with Spanish summery] [[pdf](#)]

Hahn, Ingo J. Biogeography of the Avifauna fernandeziana: richness, inter-island difference, taxonomic relation, origin, and conservation status of Pacific island birds in Chile. Verh. Ges. Ökol. 35: 202. [English]

## 2004

Hahn, I., U. Römer, and R. Schlatter. Nest sites and breeding ecology of the Másafuera Rayadito (*Aphrastura masafuerae*) on Alejandro Selkirk Island, Chile. Journal of Ornithology 145: 93-97. [English] [[pdf](#)]

Römer, U., I. Hahn, E. Römer, D. S. Soares, and M. Wöhler: *Apistogramma baenschi* sp. n. – Description of another geophagenous dwarf cichlid (Teleostei: Perciformes) from Northern Peru. Aquarium 38 (422): 15-30. [German; with English and Spanish summary] [[pdf](#)]

Römer, U., I. Hahn, J. Melgar, D. S. Soares, and M. Wöhler. Re-description of *Apistogramma eremnopege* Ready & Kullander, 2004. Aquarium 38 (426): 17-34. [German; with English

and Spanish summary] [[pdf](#)]

### **2003**

Hahn, I. and M. Fernandez. Life in water: the Humboldt Penguin as master in its element. Humboldt Kosmos 82: 9-11. [German]

Hahn, I., Uwe Römer and Roberto P. Schlatter. Distribution area genesis and evolution of the Rayaditos (Aves: Furnariidae): analyses towards the molecular biogeography and island ecology of Chile. Proc. Neotrop. Ornith. Soc. 7: 15 & 120. [English]

Hahn, I., Uwe Römer and Roberto P. Schlatter. Towards the island biogeography of Chile: Results from bird diversity analyses and perspectives for molecular phylogenetics. Verh. Ges. Ökol. 33: 251. [English]

Römer, U., I. Hahn, E. Römer, D. S. Soares, and M. Wöhler. *Apistogramma martini* sp. n. – Description of a new species of geophagenous dwarf cichlid (Teleostei: Perciformes) from Northern Peru. Aquarium 37 (406): 14-29. [German; with English summary]

### **2002**

Hahn, I. and U. Römer. Threatened avifauna of the Juan Fernandez Archipelago, Chile: the impact of introduced mammals and conservation priorities. Cotinga 17: 66-72. [English; with Spanish summary] [[pdf](#)]

Hahn, Ingo J. Comparative investigations of the avifauna and ecology of the Juan Fernández Islands, Chile. Peer-reviewed report to the Alexander von Humboldt Foundation, Bonn, 77 p. Santiago de Chile. [English]

### **2001**

Hahn, Ingo J. and Diana Wheeler. Biodiversity of a Sonoran Desert ant community: systematic and functional groups. Verh. Ges. Ökol. 31: 354. [English]

Hahn, Ingo J., Miriam Fernandez, Roberto P. Schlatter, Hermann Mattes and Gerd Schulte. Community structure and habitat adaptation of the land birds of the Juan Fernández Islands, Chile (Part I). Verh. Ges. Ökol. 31: 192. [English]

### **2000**

Hahn, I. Habitat types and their vegetation of the Juan Fernandez Archipelago, Chile. Verh. Ges. Ökol. 30: 66. [English]

Hahn, I. and H. Mattes. Vocalisations of the Másafuera Rayadito *Aphrastura masafuerae* on Isla Alejandro Selkirk, Chile. J. Bioacoustics 11(2): 149-158. [English]

Römer, U. and I. Hahn. Why is the diversity of Dwarf Cichlids so high in the Amazon region? Part I, Cichlidae (25 Year Jubilee Edition): 61-67. Maassluis, Ranst. [Dutch]

### **before 2000**

Hahn, I. (1999): Practical nature conservation: Nest boxes for Stock Doves *Columba oenas*. 10th yearly magazine of the Naturschutzbund Deutschland, Section Bielefeld e.V.: 58-59. [German]

Hahn, I. (1998): Investigations of ecology and environment of the land bird communities of the Juan Fernández Archipelago, Chile. Dissertation at the Institute of Landscape Ecology, 155 p., Münster. [German]

Hahn, I. & U. Römer (1996): New observations of the Másafuera Rayadito *Aphrastura masafuerae*. Cotinga 6: 17-19. [English; with Spanish summary] [[pdf](#)]

Hahn, I. (1996): The birds of the Juan Fernández Islands, Chile, with special consideration of the Másafuera Rayadito *Aphrastura masafuerae*. Diploma thesis at the Institute of Landscape Ecology/Geography, 156 p., Münster. [German]

Mattes, H. and I. Hahn (1994): Observation protocols, 41-42. In: H. Mattes & C. Lienau: Nature and Man at the Jenissey. Ber. Arbeitsgeb. Entwicklungsforschung 23, 1-157. Münster. [German; with English summary]

Mattes, H. and I. Hahn (1994): Butterflies (Lepidoptera), 49-50. In: H. Mattes & C. Lienau: Nature and Man at the Jenissey. Ber. Arbeitsgeb. Entwicklungsforschung 23, 1-157. Münster. [German]

Mattes, H. and I. Hahn (1994): Grasshoppers (Saltatoria), 50-52. In: H. Mattes & C. Lienau: Nature and Man at the Jenissey. Ber. Arbeitsgeb. Entwicklungsforschung 23, 1-157. Münster. [German]

Mattes, H. and I. Hahn (1994): Dragonflies (Odonata), 52-53. In: H. Mattes & C. Lienau: Nature and Man at the Jenissey. Ber. Arbeitsgeb. Entwicklungsforschung 23, 1-157. Münster. [German]

Hahn, Ingo J. (1994): Report on the excursion to Patagonia, 57-64. In: A. Vogel & R. Godoy: Excursion Report southern Chile 1994. Institute of Geography, Münster. [German]

Hahn, Ingo J., Tim Finmans and Dirk Wember (1993): Biota mapping and vegetation registration in the Area of Schönebeck, Münster. Inst. f. Geography, Münster. [German]

Hahn, Ingo J. (1993): The grasshoppers of the agricultural lands of Hoberge, Bielefeld. Landscape ecological-entomological mapping in the County of Bielefeld. Naturschutzbund Deutschland e.V. [German]

Hahn, Ingo J. (1992): The bird community of the "Nature protection area Fürstenkuhle". Landscape ecological-ornithological mapping in the County of Borken.. Biol. Station Metelen e.V. [German]

## LECTURES AND CONFERENCE TALKS

2007: Possible effects illustrated by the example of El Niño and Pacific Island communities: birds as invaders and indicators of climate change. Conference of the Society of Ecology (GfÖ), 10th-14th of September, Faculty of Biology, University of Marburg, Marburg. [English]

2007: Island birds as invaders and indicators of climate change in the Pacific. Conference of the Work Group Biogeography (AK Biogeo), 11th of May, University of Erlangen, Erlangen. [German]

2006: Biogeography and dynamics of species change of island ecosystems: the example of the avifauna of the South-east Pacific and indications for the global situation. Biogeography Conference, 21st May, Faculty of Biology, University of Bonn, Bonn. [English]

2006: Towards the feeding ecology of ants in the Sonoran Desert, Arizona: strategies of survival in an extreme environment. 31st of May, Colloquium at the Faculty of Geosciences, Westphalian Wilhelm University, Münster, Germany. [German]

2006: Geographical dispersal and island ecosystems: animals find ways of colonisation. 30th of June, Colloquium at the Faculty of Geosciences, Westphalian Wilhelm University, Münster, Germany. [German]

2006: Equilibrium theory, human impact, and biodiversity change on islands: from case studies to the global situation. Conference of the Society of Ecology (GfÖ), 14th of September, Faculty of Biology, University of Bremen, Bremen. [English]

2005: Humboldt Penguin *Spheniscus humboldti* in Chile: ecological investigations on the Choros Islands. Annual Conference of the Humboldt Club Chile, June 14th, Marine Biological Station of the Universidad Católica, Las Cruces, Chile. [Spanish]

2005: Biogeography of the Avifauna fernandeziana: richness, inter-island difference, taxonomic relation, origin, and conservation status of Pacific island birds in Chile. Conference of the Society of Ecology (GfÖ), September, Faculty of Biology, University of Regensburg, Regensburg. [English]

2003: Towards the island biogeography of Chile: results from bird diversity analyses and perspectives for molecular phylogenetics. Conference of the German, Austrian and Swiss Society of Biogeography (Title: New methods in Biogeography), May 1st, Institute of Nature Conservation, University of Basel, Basel. [English]

2003: Island ecology and island biogeography illustrated by forest birds in Chile: results and perspectives. Talk at the Science Colloquium of the Institute of Biogeography, May 12th, University of Trier, Trier. [German]

2002: On the tracks of Alexander von Humboldt: ecological and biogeographical investigations on Pacific islands off Chile near the Humboldt Current. Annual Conference of the Humboldt Club Chile, April 24th, Universidad Católica, Santiago de Chile. [Spanish]

2002: Chile's most threatened National Park: results of forest ecology, bird adaptation and nature conservation in the Juan Fernandez Islands. Talk at the Science Colloquium of the Chilean Ornithologists' Union (UNORCH), September 19th, Universidad Diego Portales, Santiago de Chile. [Spanish]

2001: Vegetation forms and their plant species origin of the Juan Fernandez Islands: forest, tree-fern, fern and herb stands. Meeting of the research group Community Ecology at the Institute of Landscape Ecology, January 10th, University of Münster, Münster. [German]

2001: Ecological observations towards the fauna and flora of the "cacti forest" in the Sonoran Tucson Mountain Park, Arizona. Meeting of the research group Community Ecology of the Institute of Landscape Ecology at the Research Station Rothenberge, February 12th, University of Münster, Rothenberge. [German]

2001: Biogeographical observations of an ant population in the "cacti forest" of the Sonoran Tucson Mountain Park, Arizona after the southern oscillation (El Niño) of 1997/98. Conference of the German, Austrian and Swiss Society of Biogeography (Title: Biogeography and Climate change), May 18th, International Academy of Nature Conservation of the Bundesamt für Naturschutz, Vilm Island. [German]

2001: Biodiversity of a Sonoran Desert ant community: systematic and functional groups. Conference of the Society of Ecology (GfÖ), September 23rd, Faculty of Biology, University of Basel, Basel. [English]

2001: Community structure and habitat adaptation of the land birds of the Juan Fernández Islands, Chile. (Part 2) Poster at the Conference of the Society of Ecology (GfÖ), September 24th, Faculty of Biology, University of Basel, Basel. [English]

2000: Habitat types and their vegetation of the Juan Fernandez Archipelago, Chile. Conference of the Society of Ecology (GfÖ), August/September, Faculty of Biology, University of Kiel, Kiel. [English]

2000: Which importance does the partner selection have for the evolution of *Apistogramma* species (Teleostei: Cichlidae)? 4th Symposium on aquarium fishes (behaviour II), May 28th, Aquazoo/Löbbecke Museum, Düsseldorf. [German]

1997: Ecological observations of species adaptation to forest, tree-fern and fern vegetation on the Chilean Juan Fernandez Islands. Talk at the Science Colloquium of the Latin American Centre (CeLa), July 8th, University of Münster, Münster. [German]

1996: Etho-ecological investigations of the birds of the Juan Fernandez Islands, Chile. Talk at the Science Colloquium of the Institute of Ethology, April 24th, University of Bielefeld, Bielefeld. [German]

1996: Towards the ecology of the birds of the Juan Fernández Islands with special consideration of the forest bird *Aphrastura masafuerae*. Talk at the Science Colloquium of the Institute of Landscape Ecology, July 14th, University of Münster, Münster. [German]

1993: Observations towards the avifauna and ecology of the Juan Fernandez Islands, Chile. Talk at the Naturwissenschaftliche Verein zu Bielefeld und Umgegend e.V., December 11th, Bielefeld. [German]

## TEACHING/COURSES

1993: Teaching Assistant, course “Ecology and anthropography in Siberia, Russia”, Inst. Landscape Ecology and Geography, University of Münster, Germany.

1993: Teaching Assistant, excursion “Nature and Man at the Jenissey in Siberia, Russia”, Inst. Landscape Ecology and Geography, University of Münster, Germany.

1994: Teaching Assistant, course “Ecological aspects of the Engadin, Switzerland”, Inst. Landscape Ecology and Geography, University of Münster, Germany.

1994: Teaching Assistant, excursion “Ecology of the Engadin, Switzerland”, Inst. Landscape Ecology and Geography, University of Münster, Germany.

1997: Invited Lecturer, course “Spiders: entomological field and laboratory methods”, Field Station of Sonoran Arthropod Studies Inst. and the Univ. of Arizona, Tucson, U.S.A.

1998: Invited Lecturer, course “Beetles: entomological field and laboratory methods”, Field Station of Sonoran Arthropod Studies field and laboratory methods”, Field Station of Sonoran Arthropod Studies Inst. and the Univ. of Arizona, Tucson, U.S.A.

1999: Invited Lecturer, course “Ants: entomological field and laboratory methods”, Field Station of Sonoran Arthropod Studies field and laboratory methods”, Field Station of Sonoran Arthropod Studies Inst. and the Univ. of Arizona, Tucson, U.S.A.

2001: Scientific Docent, main seminar “Biogeography and Ecology of the Laurel forests on a global scale”; Inst. Landscape Ecology / Geography, University of Münster, Germany.

2002: Scientific Docent, great excursion (28 days) “Biogeography and Ecology of the Laurel forests of Chile”; Inst. Landscape Ecology / Geography, Univ. of Münster, Germany.

2002: Invited Professor, course “Vegetation structure and bird habitat use”; Field Station of Austral Univ. of Chile and Corporacion Nacional Forestal (CONAF), Valdivia and National Park Alerce Andino, Chile.

2003: Invited Professor, Bibliographic doctorate Seminars “Biogeography and ecology of Rhinocryptidae (Aves) in Chile“, (with guidance of scientific protocol writing), Department of Ecology, Cat. University of Chile, Santiago, Chile.

2004: Scientific Docent, course A “Landscape Ecology / Physical Geography – field and evaluation methods: soil, vegetation, and animal ecology” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, Univ. of Münster, Germany.

2004: Scientific Docent, course B “Landscape Ecology / Physical Geography – field and evaluation methods: earthworms and insects” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, University of Münster, Germany.

2005: Scientific Docent, course A “Landscape Ecology / Physical Geography – field and evaluation methods: soil, vegetation, and animal ecology” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, Univ. of Münster, Germany.

2005: Scientific Docent, course B “Landscape Ecology / Physical Geography – field and evaluation methods: earthworms and insects” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, University of Münster, Germany.

2005: Scientific Docent, Seminar “Biogeography: theory and examples course” (with 18 different biogeographical topics); Inst. Landscape Ecology and Geography, University of Münster, Germany.

2005-06: Scientific Docent, Main lecture “Biogeography”; Inst. Landscape Ecology and Geography, University of Münster, Germany.

2006: Private Docent, course A “Landscape Ecology / Physical Geography – field and evaluation methods: soil, vegetation, and animal ecology” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, Univ. of Münster, Germany.

2006: Private Docent, course B “Landscape Ecology / Physical Geography – field and evaluation methods: earthworms and insects” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, University of Münster, Germany.

2006: Private Docent, Field course „Community ecology: illustrated by using grasshoppers“; Inst. Landscape Ecology and Geography, University of Münster, Germany.

2006-07: Private Docent, Main lecture “Soil ecology”; Inst. Landscape Ecology and Geography, University of Münster, Germany.

2006-07: Private Docent, Main lecture “Biogeography”; Inst. Landscape Ecology and Geography, University of Münster, Germany.

2007: Private Docent, course A “Landscape Ecology / Physical Geography – field and evaluation methods: soil, vegetation, and animal ecology” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, Univ. of Münster, Germany.

2007: Private Docent, course B “Landscape Ecology / Physical Geography – field and evaluation methods: earthworms and insects” (with 4 excursions within NW Germany); Inst. Landscape Ecology and Geography, University of Münster, Germany.

2007-08: Private Docent, Main lecture “Soil ecology”; Inst. Landscape Ecology and Geography, University of Münster, Germany.

2007-08: Private Docent, Main lecture “Biogeography”; Inst. Landscape Ecology and Geography, University of Münster, Germany.

2007-08: Private Docent, Seminar “Biogeography: theory and examples course” (with 18 different biogeographical topics); Inst. Landscape Ecology and Geography, University of Münster, Germany.

MASAFUERA IMPRESSIONS



























