

**20.8.2010**

## **ABBREVIATED SCIENTIFIC CURRICULUM VITAE**

Martens, Koenraad Roger Liliane Marc  
 Born: Antwerp (Belgium), July 10, 1959  
 Belgian Nationality. Three children.

### *Research interests*

- Taxonomy and phylogeny of non-marine Ostracoda
- Speciation in ancient lakes
- Ancient asexual reproduction
- Conservation and management of aquatic biodiversity

### *Present positions :*

- Senior researcher at the Royal Belgian Institute of Natural Sciences, Freshwater Biology (Brussels, Belgium)
- Guest professor at the University of Ghent (Ghent, Belgium).

### *Main present functions in the international scientific community*

- Editor-in-Chief of the international journal *Hydrobiologia* (since 2003).
- Other journal editorships: *Crustaceana*, *Phegea*, *Annals of the Eastern Cape Museums*
- Series editor of the series "Biology of inland waters" (Margraf – 8 volumes).
- Coordinator of the EU Marie Curie RTN SEXASEX network (2004-2008)
- Workpackage leader of the EU project 'Biofresh' (2009-2013)
- Coordinator, participant of 20+ (inter-) national research projects, total budget over 5 years > 2ME

### *Recently organized international meetings*

- An assessment of global aquatic animal diversity (Belgium, December 2008)
- Co-convener of the 16<sup>th</sup> International Symposium on Ostracoda (Brasilia, July 2009)

### *Scientific awards*

- Award Lucien De Coninck, Fund L.D.C., University of Ghent, 2001
- Van der Leeuw – leerstoel at University of Amsterdam (NWO, 2003-2004)
- Award Scritture d'Acqua, Scienza-tecnologia, IX Edizione 2004 (Parma, Italy)

### *Publications*

- (co-) author of c. 250 (mostly international) scientific publications, more than 250 additional titles
- author, editor and co-editor of 11 published books, 3 in preparation

*Exposure of scientific results*

The results of the work on Ancient Lakes have been reported in topical articles in Trends in Ecology and Evolution (TREE) and Science. The results on ancient asexuals have been exposed in Nature, Nature Reviews in Genetics and in Current Biology.

## CURRICULUM VITAE

Name: Martens  
 Christian name: Koenraad  
 Middle names: Roger Liliane Marc  
 Born: Antwerp, 10.07.1959  
 Nationality: Belgian  
 children: Boris: °1985, Thomas: °1986, Emrys: °2002  
 Present address (w): Dr Koen Martens, Freshwater Biology, Royal Belgian Institute of Natural Sciences,  
 Vautierstraat 29, 1000 Brussels, Belgium.  
 Tel : + 32-2-62 74 315 ; Fax : +32-2-64 64 433 ;  
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 Present address (h): Baarleboslaan 50, 9031 Drogenen (09/236 20 46)

### University

- Licentiate in Zoology, State Univ. of Ghent (1981) (greatest distinction)
- Master of Science, Australian National University (1984)
- PhD (Doctor of Science), gr. Zoology, State Univ. Ghent (1986) (greatest distinction)
- DSc (Geaggregeerd werkleider), R.B.I.N.Sc. (Brussels) (1997)

### Career

- Grant of the 'Institute for the encouragement of scientific research in agriculture and industry' - State University of Ghent. 01.11.1981-30.09.1982.
- Australian-European Awards Program (Australian Government) - Australian National University, Department of Zoology. 10.07.1982-09.07.1983.
- Research assistant with the 'National Fund for Scientific Research' - University of Ghent. 01.10.1982-30.03.1986
- Military Service. 01.04.1986-26.01.1987
- Senior research assistant with the 'National Fund for Scientific Research (Belgium)' - University of Ghent. 27.01.1987-30.01.1988
- Assistant (1.2.1988-30.01.1990), First assistant (- 30.06.1993), Research Associate (- 16.10.1997) and Senior Research Associate (to the present) at the Royal Belgian Institute of Natural Sciences, Freshwater Biology.
- Guest professor at the University of Ghent (2001-).
- Full professor (Animal Systematics and Zoogeography, IBED) at University of Amsterdam, The Netherlands (2003-2004)

### Scientific Awards

1. *Scientia* 1979 (Brussels, 5.12.1979). Laureate.
2. *European Philips Contest for Young Scientists and Inventors*. (Amsterdam, 19-

- 27.05.1980). Certificate of Distinction.
3. *Award 'Paul Van Oye'* 1985 (Brussels, 21.12.1985). Awarded by the Royal Belgian Academy.
  4. *Award Lucien De Coninck* 2001, (Ghent, 25.03.2001).
  5. *Van der Leeuw* – chair, University of Amsterdam (NWO, 2003-2004).
  6. *Scritture d'Acqua, Scienza-tecnologia, IX Edizione 2004* (Parma, Italy)

### National and International Projects

- **FKFO-MI 1990-1994** Co-PI (partim Ostracoda) of the project Speciation in selected animal groups of Lake Baikal (“Soortvorming bij bepaalde diergroepen van het Baikalsee”), in collaboration with the Limnological Institute Irkutsk, Russia.
- **EU-Human Capital and Mobility – networks 1994-1996** Contract Number: ERBCHRXCT/93/0253; Periode: 1.1.1994-31.12.1996. General coordinator; title: “Evolutionary Ecology of reproductive modes in non-marine ostracods”. The network consisted of 6 labs from Belgium (Brussels), Austria (Mondsee), Italy (Parma), Spain (Madrid) en U.K. (Greenwich and Leeds). (Total Budget: 434,000.- ECU)
- **INTAS 1995-1998** Co-PI (partim Ostracoda) of the INTAS (EU) project 94-4465 “Habitat segregation in benthic invertebrates of Lake Baikal: a contribution to evolutionary ecology”. Project in collaboration with the Limnological Institute, Irkutsk-Russia; Institute of Cytology and Genetics, Novosibirsk-Russia; Freie Universität Berlin, Germany; Albert-Ludwigs Universität, Freiburg-Germany; The Natural History Museum, London-UK; Université Paul Sabatier, Toulouse-France; Università degli studi di Milano, Italy; University of Helsinki, Finland.
- **FKFO-MI 1995-1999** Co-PI (partim Ostracoda) of the project “Phylogeny and ecology of invertebrates of Lake Baikal” (“Fylogenie en ecologie van Invertebraten in het Baikalsee”); in collaboration with the Limnological Institute, Irkutsk.
- **VLINA 1997-1998** Co-PI of the project “Recovery of natural values in standing freshwater bodies: structure and functioning of the microbial loop in the trophic cascade in certain model systems” (“Het herstel van natuurwaarden in stilstaande zoete wateren: onderzoek naar de structuur en het functioneren van de microbiële lus in de trofische cascade in enkele modelsystemen”).
- **BASF 1997-1998** Scientist in charge of the project: “The effects of reproductive mode and multiple invasions on speciation of ancient lake ostracods: comparative molecular genetics of Baikalian *Cytherissa*” (postdoc grant of Dr I. Schön with BASF-Aktiengesellschaft and Studienstiftung des deutschen Volkes).
- **EU-INCO/DC 1998-2002** Co-PI of the EU-project “The trophic ecology of the demersal fish community of Lake Malawi/Niassa, Central Africa” (10 partners). IC18-CT97-0195 (DG 12-CDPE)
- **GEF Tanganyika 1997-1998** Consultant contracts on invertebrate biodiversity with Marine Resources Assessment Group Ltd. (London, UK).
- **EU-Marie Curie Fellowship, Biotechnology 1999-2001** Scientist in charge of postdoc

grant on molecular diversity in ancient asexuals (Dr I. Schön). (BIO4-CT98-5086).

- **FSR Research project (Fund for scientific Research, Flanders), 01.01.1999-31.12.2002**, co-promotor for the R.B.I.N.Sc. of the project “Morfologische en moleculaire diversiteit, evolutie en soortvorming van endemische Ostracoda in het Tanganyikameer” (G.0109.99 – coordinator: A. Huysseune-Desender, Univ. Ghent). (budget for RBINSc: 11,150 Euro)
- **IWT-PhD scholarship (Institute for the promotion of research in science and technology), 1999-2002** Scientist in charge of PhD scholarship of Ms Karine Van Doninck.
- **FSR Research project (Fund for scientific Research, Flanders), 01.01.2000-31.12.2003**, co-promotor for the R.B.I.N.Sc. of the project “comparative morphological and molecular taxonomic research on Bacillariophyta, Nematoda, Crustacea and Rotifera” (G.0292.00 – coordinator: W. Vyverman, Univ. Ghent). ((budget for RBINSc: 11,150 Euro)
- **OSTC project 2001-2004**, scientist in charge of the project 'Ancient asexual scandals – the effects of reproductive mode on species, speciation and extinction'. Scientist in charge, postdoc: I. Schön. (total budget: 234 kE)
- **OSTC – biodiversity platform 2002-2008**, scientist in charge, postdocs: H. Segers, E. Braus. (budget RBINS: c 900 kE)
- **European Science Foundation (ESF) grant**, workshop PARTNER (Parthenogenesis) Wageningen (Nederland, 5-9.10.2001)
- **ESF scientific network PARTNER 2002-2005**, Responsible for organisation of workshop A (parthenogenesis and timescales – with K. Vijverberg) and co-editor of volume 'Natural history of asexual reproduction in plants and animals'. (Coordinator: Dr P. Van Dijk, Wageningen). Budget for RBINSc: travelcosts)
- **FSR Research project (Fund for Scientific Research, Flanders), 01.01.2003-31.12.2006**, co-promotor for the R.B.I.N.Sc. of the project "Ecological biogeography of freshwater rockpool communities" (coordinator: L. Brendonck, K.U.Leuven). (budget for RBINSc: 10 kE)
- **OSTC research project MANScape (Integrated management tools for water bodies in agricultural landscapes), 2003-2006**. Coordinator for 5 partners. Scientific collaborators: K.U. Leuven, R.U. Gent, U. Liège, Univ. Namur. Postdoc: H. Hampel; wetenschappelijk medewerker: D. Ercken (total budget: 1.161 ME)
- **OSTC return grant “Phylogenetic analysis using POY: clade support under dynamic alignment, hierarchic characters and a new cladogram similarity metric.” (2003-2005)**, scientist in charge (with T. Backeljau), postdoc: J. De Laet. (total budget: c 120 kE)
- **Brazil - CNPq**, ‘Ostracoda of the River Parana Floodplain’ (2004-2006), awarded to NUPELIA, Univ. Maringa (as co-promotor). PhD student J. Higuti. (travel costs)
- **USA-NSF**, ‘Biodiversity of Mongolia’ (2004-2006, external participant). (travel costs)
- **EU, Marie Curie Research Training Networks, FP6-512492, SEXASEX (2005-2008)**: “From Sex to Asex: a case study on the interactions between sexual and asexual reproduction”, General coordinator, 6 PhD and 4 postdoc positions, 9 European

laboratories in 9 countries, (total budget c 2.2 MEuro – Brussels personnel: Postdoc : D. Lamatsch, PhD student : S. Bode.)

- **OSTC-collaboration agreement ‘Freshwater Biodiversity (2005-2008)**. (Budget: 57,5 kE)
- **IWT-PhD scholarship (Institute for the promotion of research in science and technology), 1999-2002** Scientist in charge of PhD scholarship of Thijs Vandermeeren (Topic: Paleoclimatology of Central Asia, with D. Verschuren).
- **OSTC research project PONDSCAPE** (Towards a sustainable management of pond diversity at the landscape level (2006-2011). Coordinator for 5 partners. Scientific collaborators: K.U. Leuven, R.U. Gent, Univ. Namur. wetenschappelijk medewerkers: D. Ercken, L. Colson (total budget: 1.649 ME).
- **ESF EUROCORES “MOLARCH”** (MOLEcular ARchives of Climatic History – Exploring patterns of genomic differentiation in endemic species radiations of ancient lakes (2006-2009). Co-coordinator with E. Verheyen and I. Schön for 6 European partners. Brussels personnel: Postdoc. Céline Poux (total budget 124 kE).
- **OSTC Actie 1: Transposons** – Transposons (jumping genes) and the evolution of non-marine Ostracoda (2006-2010). Promotor of Postdoc. I. Schön (total budget 213 kE).
- **OSTC Actie 2: DNA repair** (DNA repair in ancient asexual darwinulids (Ostracoda). (2008-2012). Co-promotor of PhD student L. Van den Broecke (total budget c 173 kE)
- **OSTC Actie 1: Cladocera** (Community dynamics of water fleas in East African mountain lakes : integration of (palaeo)limnology and (palaeo)genetics (2010-2014). Promotor of Postdoc. H. Eggermont (total budget 250 kE).
- **EU-Marie Curie CRYSTAL** (Cryptic ostracod species in an Ancient Lake: the Cytherissa flock from Baikal (2010-2012). Promotor of Postdoc. V. Pieri (total estimated budget c 160 kE)
- **OSTC – Belgian Biodiversity Platform 2008-2010**, scientist in charge, postdocs: H. Segers, E. Balian, B. Danis. (budget RBINS: c 900 kE)
- **FKFO-krediet aan navorsers (Fund for Scientific Research, Flanders)** – Soortencomplexen en cryptische soortvorming – invloed van voortplantingswijze (2009-2010). (Total budget 15 kE)
- **EU project BIOFRESH** (Biodiversity of freshwater ecosystems: status, trends, pressures and conservation priorities), 2009-2013. Leader (with H. Segers) of workpackage 1. Budget for RBINS: 910kE. (Postdocs: A. De Meester, Bos xx, Michel xx)
- **Ugent internal project “Evolution”** (with J. Braeckman, postdoc J. De Smedt), (2008-2011).

Table: Indicative table of main funding over recent and coming years (in Euros)

Project	2009	2010	2011	2012	2013
PLATFORM					
Belspo	85000	85000	85000	85000	85000
Pondscape					
Belspo	79280	79281			
Transposons					
Belspo	53250				
DNA repair					
Belspo	43250	43250	43250	43250	
Cladocera					
Belspo		62500	62500	62500	62500
Crystal EU		40000	40000	40000	40000
FKFO	7500	7500			
Biofresh EU		227500	227500	227500	227500
total	268280	545031	458250	458250	415000
Grand total					2144811

### International Travel Grants

- Australia (1982-1983, 2006, 2008-2009)
- Israel (1991)
- Wales, U.K. (1992)
- France (1994)
- South Africa (2x1993, 2001)
- Brazil (10x: 1995 - 2010)
- Japan (1998, 2001)
- England (1999)
- Ireland (2000, 2001)
- Thailand (2005, 2008)

### Functions and Memberships

- Member of the management Committee ‘pool natuur’ of the natural science institutes of Belgium (2009-)
- Member of the steering committee ESEM KBIN (2009-)
- Member of the Freshwater Biodiversity Group of DIVERSITAS (2006-).
- National representative of SIL, Belgium. (2008-).

- Secretary (2001-2005), President (2005-2009) and past-president (2009-) of the International Research Group on Ostracoda (IRGO)
- Advisory Member of the Managing Committee of the *Fund Lucien De Coninck* (2002-)
- Member of the Scientific Advisory Committee of Kluwer Academic Publishing (2003-2005)
- Convenor of the DIVERSITAS STAR element 9 (Inland water biodiversity), component 'Origins, maintenance and change of inland water biodiversity: determinants of species diversity' (1998-2002)
- Vice-president of the European Ostracodologists (1996-1999)
- Founder and secretary of the managing committee of the International Research Group 'SIAL' (Species in Ancient Lakes; 1993-2004), secretary general of SIAL (2002-2006)
- Research associate at the Zoology Department, Trinity college, University of Dublin (Ireland)
- Research associate at the Albany Museum (Grahamstown, South Africa).
- Member of the workgroup 'African Lakes' and 'Conservation' of the Societas Internationalis Limnologicae (SIL);
- International memberships: International Society of Limnology, American Society for the Study of Evolution, European Society for Evolutionary Biology, International Research Group on Ostracoda, National Geographic Society, American Society for the Advancement of Science, New York Academy of Sciences, Royal Society for the Protection of Birds.
- National memberships - Belgium: Koninklijke Belgische Vereniging voor Dierkunde; Koninklijke Belgische Vereniging voor Entomologie; Vlaamse Vereniging voor Entomologie; Vereniging voor Entomologie van de Koninklijke Maatschappij voor Dierkunde van Antwerpen; Koninklijk Natuurwetenschappelijk Genootschap 'Dodonea', Natuurreservaten vzw (1985-); Werkgroep Hobokense Polder (WHOP) (1975-).

### **Journal editing**

- Editor-in-chief (2003-), deputy editor-in-chief (2002-2003), member of the 'editorial board' and 'book review editor' (1995-2001) of *Hydrobiologia*.
- Member of the advisory board (2003- ) of *Crustaceana*.
- Member of the Consulting editorial review board (2006-) of the *Annals of the Eastern Cape Museums*
- Associate Editor (1987-2003) and member of the editorial board (2003-) of the 'Bulletin van het Koninklijk Belgisch Instituut voor Natuurwetenschappen - Biologie'
- Member of the Editorial Board of 'Phegea', journal of the Flemish Society of Entomology
- Member of the Editorial Board of the series 'Fauna of Belgium' (R.B.I.N.Sc.)
- Member of the editorial board of the international journal 'Ecological Studies, Hazards, Solutions' (2003-).

### **External referee for international journals:**



- 1 Hydrobiologia,
- 2 Proceedings B of the Royal Society of London
- 3 Transactions of the Royal Society of London,
- 4 Journal of Crustacean Biology,
- 5 Journal of Natural History,
- 6 Lethaia,
- 7 Miscellanea Zoologica Hungarica,
- 8 Journal of African Zoology,
- 9 Archiv für Hydrobiologie,
- 10 Bijdragen tot de Dierkunde (now: Contributions to Zoology)
- 11 Bulletin van het Koninklijk Belgisch Instituut voor Natuurwetenschappen – Biologie,
- 12 Acta Zoologica,
- 13 Paleontology,
- 14 Zoologica Scripta,
- 15 Crustaceana,
- 16 Journal of Aquatic Ecology,
- 17 Palaeo3,
- 18 Mitteilungen aus dem hamburgischen Zoologischen Museum und Zoologischen Institut,
- 19 Journal of Palaeolimnology,
- 20 Geodiversitas,
- 21 Naturwissenschaften,
- 22 Journal of Micropalaeontology,
- 23 Natura Neotropicalis,
- 24 Journal of the palaeontological society of Japan,
- 25 The Holocene,
- 26 Journal of evolutionary Biology,
- 27 Annales de Limnologie,
- 28 Beaufortia,
- 29 Species Diversity,
- 30 Zootaxa,
- 31 Biological Journal of the Linnean Society,
- 32 Journal of Palaeontology,
- 33 Invertebrate Systematics,
- 34 Ecological Modelling,
- 35 Fauna of Saudi Arabia,
- 36 African Zoology,
- 37 Zoological journal of the Linnean Society
- 38 Zoologischer Anzeiger
- 39 Bollettino della Societa Paleontologica Italiana
- 40 New Zealand Journal of marine and freshwater Research
- 41 Journal of evolutionary Zoology, part B. Molecular and developmental Evolution.

## Books

### PUBLISHED

1. Martens, K. 1986. “**Taxonomic revision of the subfamily Megalocypridinae ROME, 1965 (Crustacea, Ostracoda)**”. Verhandelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten, Klasse der Wetenschappen 48(174): 81 pp + 64 figs.).
2. Martens K., B. Goddeeris & G. Coulter (eds.) 1994. “**Speciation in Ancient Lakes**”, Advances in Limnology 44, 508 pp.
3. Horne, D.J. & Martens, K. (eds.) 1994. “**The evolutionary ecology of reproductive modes in non-marine Ostracoda**”. Greenwich Univ. Press, 73 pp.
4. Martens, K. (ed.) 1998. “**Sex and Parthenogenesis - evolutionary ecology of reproductive modes in non-marine ostracods**”, Backhuys Publ., Leiden, 332 pp.
5. Danielopol, D.L., J.C. von Vaupel Klein & K. Martens (eds.) 1999. **Jan H. Stock Memorial Issue “Crustacean Biodiversity in Subterranean, Ancient Lake and Deep Sea Habitats”** Crustaceana 72(8): 721-1037.
6. Horne, D.J. & K. Martens (eds.) 2000. **Evolutionary biology and ecology of Ostracoda. Proceedings of the XIII International Symposium for Ostracodologists.** Hydrobiologia 419, 197 pp.
7. Martens, K. (ed.). 2003 **Aquatic Biodiversity. A celebratory volume in honour of Henri J. Dumont.** Hydrobiologia 500, 344 pp.
8. Segers, H. & K. Martens (eds.) 2005. **Diversity of Aquatic Organisms.** Hydrobiologia 542, pp. Reprinted as Developments in Hydrobiology 171.
9. Coulter, G., O. Timoshkin, L. Timoshkina & K. Martens (eds) (2006). **Species and Speciation in ancient lakes. Proceedings of the 3rd symposium on Speciation in Ancient Lakes.** Hydrobiologia 568, suppl., 287 pp.
10. Matzke-Karasz, R., M. Schudack & K. Martens (eds.) 2007. **Proceedings of the 15<sup>th</sup> International Symposium on Ostracoda.** Hydrobiologia 585: 272 p. Reprinted as Developments in Hydrobiology 197.
11. Balian, E., C. Lévêque, H Segers & K. Martens, 2008. **Freshwater Animal Diversity Assessment.** Hydrobiologia 595: 637 pp. Reprinted as Developments in Hydrobiology 198.
12. Hampel, H. & K. Martens 2008. Integrated management tools for water bodies in agricultural landscapes (MANSCAPE). *Belgian Science Policy D/2008/1191/11*: 127pp.
13. Schön, I. P. Van Dijk & K. Martens (Eds.), 2009. *Lost Sex.* Springer, 616 pp

### IN PREPARATION

- Revision of the Recent genera of non-marine Ostracoda of the world, partim Cyprididae (Backhuys Publ.).
- Revision of the Recent genera of non-marine Ostracoda of the world, partim Darwinulidae (with R. Pinto & G. Rossetti) (Backhuys Publ.).

### SERIES EDITOR

- Backhuys series “**Biology of inland waters**”
  1. KOZHOVA, O. & L. IZM'ESTEVA (eds.), 1998. Lake Baikal and its Life, in: Biology of inland waters, Backhuys Publ., Leiden, 447 pp.
  2. SAIJO, Y. & H. HAYASHI (eds.), 2001. Lake Kizaki, in: Biology of inland waters, Backhuys Publ., Leiden, 427 pp.
  3. TUDORANCEA, C. & W.D. TAYLOR (eds.) 2002. Ethiopian Rift Valley Lakes, in: Biology of inland waters, Backhuys Publ., Leiden, 289 pp.
  4. SOROKIN, Y.I., 2002. Black Sea, in: Biology of inland waters, Backhuys Publ., Leiden, 875 pp.
  5. THOMAZ, S. et al. (eds.) 2004. Upper Parana River. Backhuys Publ., Leiden, 385 pp.
  6. GOULDEN, C.E., T. SITNIKOVA, J. GELHAUS & B. BOLDGIV (eds). 2005. The Geology, Biodiversity and Ecology of Lake Hövsgöl (Mongolia). In: Biology of inland waters, Backhuys Publ., Leiden, 526 pp.
  7. TUDORANCEA, C. 2005. The Danube Delta. In: Biology of inland waters, Backhuys Publ., Leiden, 444 pp.
  8. SCHIEMER, F. D. SIMON, U.S. AMARASINGHE & J. MOREAU, 2008. Aquatic Systems and Development: comparative Asian perspectives. In: Biology of inland waters, Backhuys Publ., Leiden, 508 pp.
- Springer series on “**Biology of aquatic organisms**”
  - ABATZOPOULOS, TH. J., J.A. BEARDMORE, J.S. CLEGG & P. SORGELOOS (eds.), 2002. The Biology of *Artemia*, In: Biology of aquatic organisms, Kluwer Acad. Publ., Dordrecht, 286 pp.

## Papers

(see full list in addendum)

## Organisation of Workshops and Symposia

1. **Workshop on 'Speciation in ancient lakes'** (SIAL - Evolution, Biodiversity, Conservation). 1-5 March, 1993. Organized in the scientific fieldstation of the Hautes Fagnes, at Mont Rigi, Robertville, Belgium. Functions: principle organisor, secretary of the organizing committee and senior editor of the proceedings. Participants (on invitation only): c. 50 from 18 countries.
2. Workshop on '**Evolutionary ecology of reproductive modes in non-marine ostracods**' within the 12th International Symposium of Ostracodology, Prague, Czech Republic, 28.7.1994. 45 participants.
3. Workshop for **EU-HCM Network** (Brussels, 15-16.6.1995), c. 15 participants.
4. Workshop on **Timiriaseviinae** during 3rd European Ostracodologists' Meeting (Bierville, 8-11.7.1996). 10 oral communications, c. 25 participants. (With D.L. Danielopol).
5. **International Conference on Ancient Lakes** (including 2nd SIAL meeting), 21-29.6.1997, Japan. Member of scientific committee, c 300 participants.

6. Second Symposium on **Diapause in Crustacea**, 24-29.8.1997, Belgium, Member of the Organising committee. c. 50 participants
7. Special session '**Jan Stock**' at Fourth International Congress on Crustacea, Amsterdam (19-22.7.1998), (with D.L. Danielopol), c 100 participants.
8. Special session '**Biodiversity in Ancient Lakes**' at S.I.L., Dublin, Ireland (9-15.8.1998).
9. Symposium '**Molecular Biology and Phylogeny**' at the 14<sup>th</sup> International Symposium on Ostracoda, Shizuoka, Japan (31.7-4.8.2001) (with T. Kamiya).
10. Symposium '**Evolutionary ecology and genetics of asexual reproduction**' at European Society of Evolutionary Biology meeting, Aarhus (Denmark) 2001 (with P. Van Dijk & L. Beukeboom).
11. European Science Foundation – exploratory workshop **PARTNER**, Wageningen 5-9.10.2001 (with P. Van Dijk).
12. 3rd symposium **Speciation in Ancient Lakes**, Irkutsk, September 2002. Member of the organising committee.
13. Symposium of **Aquatic Biodiversity**, in honour of Henri J. Dumont (Antwerp, August 2003).
14. Special session on "**Geographical Parthenogenesis and polyploidy**" at at European Society of Evolutionary Biology meeting, Leeds (UK), August 2003 (with P. Van Dijk)
15. First workshop in framework of ESF-network **PARTNER** (Parthenogenesis network), Wageningen, November 20-23, 2003 (with K. Vijverberg).
16. Preliminary workshop of the network **SEXASEX**, EU-RTN, (Drongen, Belgium, 9-11.7.2004)..
17. Second scientific meeting (Drongen) and first trainings workshop (Brussels) of the **SEXASEX EU-RTN** network. 2005, 30.6-8.7. (Drongen & Brussels, Belgium).
18. 1<sup>st</sup> Workshop on **Freshwater Animal Diversity-FADA** (convenor). 2005, 13-16.10. Mechelen, Belgium.
19. Enduser meeting and scientific meeting of the Belspo project '**Manscape** (Brussels, March 2006, co-convenor).
20. Meeting of the British Ostracodologists Group (co-convenor) (Drongen, May 2006).
21. 2<sup>nd</sup> Workshop on **Freshwater Animal Diversity-FADA** (convenor). (Mechelen, Belgium, November 2006)
22. 3<sup>rd</sup> Workshop on **Freshwater Animal Diversity-FADA** (convenor). (Mechelen, Belgium, April 2007).
23. 4<sup>th</sup> Workshop on **Freshwater Animal Diversity-FADA** (convenor). (Brugge, Belgium, December 2008).
24. 4<sup>th</sup> Symposium on **Speciation in Ancient Lakes** (member scientific committee) (Lublijana, September 2009).

#### **Invited Speaker at Conferences, workshops etc**

1. 1992 Invited observer to the first joint meeting of coordination and international scientific committees of Project GCP/RAF/271/FIN (FINNIDA/FAO Tanganyika Project), Bujumbura, Burundi.
2. 1993 Invited speaker at the workshop on Timiriaseviinae. Moulis, France

3. 1994 Invited plenary lecture and chairman of biology session at the International Workshop on 'Baikal as a natural Laboratory for Global Change'. Irkutsk, Russia.
4. 1994 Invited participant of PAGES meeting Palaeoclimatology/ East African Lakes. Marseille, France
5. 1995 Invited presentation on Speciation in Ancient Lakes, with special reference to Lake Tanganyika at the Symposium on Lake Tanganyika Research, Kuopio, Finland
6. 1998 Invited participant at SCOPE workshop on "Biodiversity above and below the surface of soils and sediments", Lunteren, The Netherlands.
7. 1998 Invited lecture at Lake Biwa Museum on "Speciation and Evolution in Ancient Lakes" Keynote lecture at joint BICER, BDP & DIWPA meeting at Yokohama; Commentator at Lake Baikal symposium at Hakone.
8. 1999 Royal Society Lake Baikal meeting, Natural History Museum, London: Maintenance of biodiversity in ancient lakes.
9. 2000 Symposium 'Evolutionary Ecology of Sex', Groningen, The Netherlands: 100 million years without sex.
10. 2000 Invited speaker at 2<sup>nd</sup> Great Lakes of the World Conference (GLOW II), Sligo Ireland: Persistence of biodiversity in ancient lakes.
11. 2001 Invited speaker at 14th International Symposium on Ostracoda, Shizuoka, Japan.
12. 2002 Invited speaker at the II. Congresso Brasileiro sobre Crustaceos, Sao Pedro, Brazil.
13. 2003 Invited participant at DIVERSITAS workshop 'Core Project 1', Paris, France.
14. 2004 Invited speaker at 2<sup>nd</sup> ESF-PARTNER workshop (April, Valencia, Spain).
15. 2004 Invited plenary lecture at Fifth International Symposium on Tropical Biology. African biodiversity: Molecules, Organisms, Ecosystems. "Speciation in African Ancient lakes" (Berlin).
16. 2005 Invited plenary speaker at the Crustacea conference (Glasgow, July)
17. 2005 Invited plenary speaker at the International Symposium on Ostracoda, ISO 15 (Berlin, September).
18. 2007 Invited plenary speaker at Palaeoecology Workshop: From Modern to Ancient Lakes (June, Mondsee, Austria).
19. 2008. Invited speaker at the 10 International Conference on Copepoda (Pataya, Thailand, 13-19 July, 2008 on scientific publishing.
20. 2008 Invited speaker departmental seminar, Univ of Graz, Austria (October, 2008).
21. 2009 Invited plenary speaker at 16<sup>th</sup> International Symposium on Ostracoda; Brasilia, Brazil (July, 2009).
22. 2009 Invited speaker at The Micropalaeontological Society – Annual General Meeting 2009. University College London (November, 2009)
23. 2009 Invited speaker at the 2<sup>nd</sup> General Meeting of EDIT, Carvoeiro, Portugal (15-17.12.2009).

### **Exposure of scientific results**

In the course of the regional taxonomic work on Ostracoda, the discovery of new taxa was regularly announced in local journals, magazines, radio and on TV (South Africa, 1993-1995). Participation in international conferences has led to TV-interviews (e.g. Russia, 2002). The results of the work on Ancient Lakes have been reported in topical articles in *Trends in Ecology and Evolution* and *Science* (data presented at SIAL III, Irkutsk, 2002). The results on ancient asexuals have been exposed to a wide public on several occasions in the Belgian magazine Knack. The paper on the Meselson effect in *D. stevensoni* (Schön & Martens, 2003) was described in *Nature*, *Nature reviews in Genetics* and in *Current Biology*. The results of the project Manscape on biodiversity in pools were used in the Belgian pavilion of the world exposition 2008 in Zaragoza (Spain). As a result, several interviews on the importance of biodiversity in pools were given (RTBF radio and television).

## Teaching

**University of Amsterdam** (Full professor 2003-2004)

- Bachelors

IB201: Taxonomy and Evolution I (6 weeks)

IB244: Tropical Aquatic ecology (3 weeks)

Organisation minitheses

- Masters

Advanced/ applied phylogenetics (2 weeks)

Aquatic invertebrates (2 weeks)

- Other

'Evolution' in series Big History (annual lectures)

**University of Ghent (Ghent, Belgium)** (guest professor 2001- )

- 1982-1985: tutorials on general zoology; assistance in honours theses projects and in field excursions for zoology students.
- 1987: developing practicals on 'use of macro-invertebrates in the assessment of water quality'
- 1991-1997: lecture on 'Ostracoda and Lake Management' for the International Zooplankton Course
- 1995- : lectures on 'Speciation in ancient lakes' in Limnology course and as part of post-graduate courses
- 2000-2006 : 'Taxonomy and Evolution' as part of 3rd year Zoology course.
- 2003-2006 : full course on "Morphology of Invertebrates – advanced aspects".
- 2007- present: "Evolutionary Morphology", 1yr MSc (with D. Adriaens).

**Technische Universiteit Eindhoven:**

- annual lectures on 'evolution' in series Big History

### Occasional lectures (invited)

1. *Free University of Brussels (Brussels, Belgium): 1997-1998*
2. *Catholic University of Leuven (Leuven, Belgium): 1997-*
3. *Harvard University (Boston, USA): 2000.*
4. *University of Oxford (Oxford, England): 2000*
5. *University of Cambridge (Cambridge, England): 1999*
6. *University of Greenwich (Chatham, England): 1998-2001*
7. *University of Dublin, Trinity College (Dublin, Ireland): 1999-2002*
8. *Vrije Universiteit Amsterdam (Nederland): 1999.*
9. *Universiteit Groningen (Nederland): 2001*
10. *University of Parma (Parma, Italy): 1999.*
11. *University of Helsinki (Biological Field Station at Limma, Finland): 1996*
12. *University of Turku (Turku, Finland): 1996*
13. *United Nations University (at University of Ghent, Belgium): 2000(2x), 2001, 2002*  
organisation of mini symposium on 'Biodiversity in Ancient Lakes'
14. *Universitat Internacional de Menorca Illa del Rei (Menorca, Spanje): 2000.*
15. *University of Maringa, Nupelia (Maringa, Brazil): 2001, 2004, 2006, 2008*
16. *Universität Munich, Germany: 2001.*
17. *Universität Münster, Germany: 2002.*
18. *University of Uppsala, Sweden: 2004.*
19. *University of Kalmar, Sweden: 2004*
20. *University of Graz, Austria: 2008*
21. *University of Brasilia, Brazil: 2010*

### Workshops and Training Courses

- 1989: workshop on collection, dissection and identification of Ostracoda, in 'The Albany Museum', Grahamstown, South Africa.
- 1991: three week training course on Lake Baikal Ostracoda for Irina Noskova (Irkutsk, USSR).
- 1992: three month training course on freshwater Ostracoda for Mr Sunny George (India).
- 1994-1996: several students (both postgraduate and postdoctoral) within the EC-Human Capital and Mobility exchange network on reproductive modes in Ostracoda;
- 1995: two week training course on European Ostracoda for C. Belis (Italy).
- 1995 (31.7-4.8): partim 'Ostracoda' in Workshop on Neotropical aquatic invertebrates at Univ. of Sao Paulo, Brazil (lectures and practicals);
- 1997 (13.9-7.10): workshop on Biodiversity in Lake Tanganyika (partim Invertebrata), Kigoma, Tanzania
- 1998 (2-10.7): Atelier sur la Biodiversité au Lac Tanganyica (partim Invertebrata), Bujumbura, Burundi.
- 2001 (5-7.9): workshop on 'Identification of aquatic invertebrates of southern Africa',

partim Crustacea-Ostracoda, University of Cape Town.(South Africa).

- 2005 (4-8.7). First training workshop in the framework of the SEXASEX EU-RTN network, on taxonomy and phylogeny of Ostracoda.
- 2005 (19-30.9): workshop on Identification and taxonomy of non-marine ostracods, University of Khon Kaen, Thailand.
- 2008 (February): workshop on scientific publishing for NUPELIA (4 days).

### Popular talks

- August 2008: “Altruisme” in Summer school “Evolutie in de klas” organised by Project ‘Evolution’.
- 13.11.2008: “Waarom bestaat Seks?” in scientific week (wetenschapsweek) at Ugent.
- 19.8.2010: “Darwin thuis” in Summer school “Het maatschappelijk belang van de evolutietheorie” organised by Project ‘Evolution’.
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### Other popular outreach

- Various papers in the popular science magazine EOS (see full list in addendum – KM publications) and member of the Advisory Board of EOS.
- Radio interviews
  - FMBrussel (11.2.2009) en Klara (12.2.2009) on opening of new RBINS expo on ‘evolution’
  - FMBrussel (23.11.2009) on reprints of two Darwin books
  - FMBrussel on favourite books, music etc  
([http://www.fmbrussel.be/86/brussel\\_brandt.aspx](http://www.fmbrussel.be/86/brussel_brandt.aspx))
- Participation in committee to prepare the expositions on ‘Evolution’ (2007-2008) and ‘Biodiversity’ (2009-2010) at the RBINSc.

### Scientist in charge of postdoctoral positions at RBINS or promoter of funding project

- **Isa Schön**
  - 1997-1999, BASF- Aktiengesellschaft und Studienstiftung des deutschen Volkes
  - 1999-2001, EU Marie Curie Fellowships, Biotechnology
  - 2001-2005, BELSPO research project on “Ancient asexual scandals”.
  - 2006-2009, BELSPO, research project on Transposons and ostracod evolution
- **Patrick Buat**, 2001-2002, EU-INCO/DC project on Lake Malawi
- **Hendrik Segers**, 2002-2010, BELSPO, Platform Biodiversity
- **Erika Baus**, 2005-2008, BELSPO, Platform Biodiversity
- **Jan De Laet**, 2003-2005, BELSPO, return grant
- **Henni Hampel**, 2003-2006, BELSPO, research network MANSCAPE
- EU-RTN Network SEXASEX (2004-2008)
  - **Dunja Lamatsch**, 2005-2006 (RBINSc, Brussels) & 2006-2007 (Univ Sheffield , UK)
  - **Jochen Vandekerckhove** 2005-2008
  - **Jurgen Paar**, 2005-2006



- **Andrew Park**, 2005-2008
- **Ruza Bruvo**, 2006-2008
- **Estelle Balian** scientific collaborator, 2005-2010, ERA project DIVERSA
- **Bruno Danis** postdoc in project SCARMARBIN, 2004-2010
- **Céline Poux** (shared with Erik Verheyen and Isa Schön), project MOLARCH, 2006-2009
- **Jochen Vandekerckhove, Liesbet Colson, Dirk Ercken, Els De Roeck** 2006-2010, project PONDSCAPE

### Involvement in PhD Theses

*(Co-) promotorship of PhD and/or of funding project*

- 1999-2003: **Karine Van Doninck**, Evolutionary Ecology of an ancient asexual ostracod, Free University of Brussels (greatest distinction). **completed**
- 2003-2007: **Ricardo Pinto**, University of Sao Paulo, Brazil. **completed**
- 2004-2006: **Janet Higuti**, University of Maringa, Brazil. **completed**
- 2004-2007: **Valentina Pieri**, Recherche su Biodiversita, pattern distribuzionali ed Ecologia do ostracodi (Crustacea, Ostracoda) non marini recent e loro possibile impiego come indicatori di Qualita delle acque, University of Trieste, Italy. **completed**
- 2004-2008: EU-RTN Network SEXASEX
  - **Saskia Bode**, Phylogeny and phylogeography of European sexual and asexual lineages of *Eucypris virens* (Ostracoda, Crustacea), (RBINSc-Brussels & Univ. Sheffield) **completed**
  - **Olivier Smith** (Univ Parma & Univ. Valencia)
  - **Maria Joao Martin** (Univ Gdansk & Univ Parma) **completed**
  - **Radka Simonova** (Univ Prague) **completed**
  - **Sofia Alofsson** (Univ Zurich & Univ Montpellier) **completed**
- 2005-2009: **Sukonthip Savatnalinton**, Taxonomy and distribution of non-marine ostracods (Crustacea, Ostracoda) in Thailand, Univ Ghent (with G. Borgonie). **completed**
- 2006-: **Thijs Van Der Meeren**, (Palaeo-) ecology of Ostracoda (Crustacea, Ostracoda) in Mongolian lakes (draft title), Univ. Ghent (with D. Verschuren)
- 2008-: **Lynn Van Den Broecke**, DNA repair in Ostracoda (Crustacea), Univ. Ghent (with J. Vanfleteren)

*PhD assessments (jury)*

- 1992: Luc Brendonck, Study of the biology of large freshwater branchiopods, with special reference to the fairy shrimp *Streptocephalus proboscoideus* (Frauenf.) (Crustacea, Branchiopoda, Anostraca), University of Ghent.
- 1997: Christine Cocquyt, Algological study of the northern basin of Lake Tanganyika, with special reference to the diatoms of the littoral and surface sediments, University of Ghent.
- 1998: Marcello Silva Briano, A revision of the macrothricid-like anomopods, University of Ghent
- 1998: F. Munoz-Torres, Neogene non-marine Ostracoda from the Upper Amazon Basin,

University of Wales (UK - external examiner).

- 2000: Claude Meisch, Freshwater Ostracoda of Western Europe, Catholic University of Leuven
- 2003: Deo Baribwegure, Revision of *Thermocyclops*, University of Ghent.
- 2003: Ronald Vonk, Explorations of the systematics and deep history of stygobiont amphipods, University of Amsterdam.
- 2004: Dirk Erpenbeck, Phylogeny of marine sponges, University of Amsterdam
- 2004: George Yongbi Chiambeng, Branchiopoda of rainforests in Cameroon, University of Ghent
- 2004: Sonia Fontana, Palaeolimnology of dune areas in Argentina, University of Uppsala (Sweden)
- 2005: Gerald Louette, Colonization and community assemblage of Cladoceran zooplankton in newly created ponds, Catholic University of Leuven.
- 2006: Asta Audzijonyté, Diversity and zoogeography of continental mysid crustaceans, opponent, University of Helsinki (Finland – opponent)
- 2007: Merlijn Jocqué, Community structuring processes in temporary freshwater rock pools, University of Leuven.
- 2007: Saskia Marijnissen, Lake Tanganyika Crabs: Evolution, Ecology, and Implications for Conservation, University of Amsterdam
- 2008: Saber Sadeghi, Aspects of infraspecific phylogeography of *Calopteryx splendens*, University of Ghent
- 2009: Liesbet Boven, Biodiversity and structure of invertebrate communities of temporary pools along a hydroperiod gradient, Catholic University of Leuven
- 2009: Jorge Coronel, Community ecology of freshwater temporary pools of high-altitude peat lands (bofedales) in the Bolivian Andes, Catholic University of Leuven.
- 2009: Natalie Beenaerts, Molecular phylogenetics and biogeography of the Old World true freshwater crabs, with emphasis on the fauna of Sri Lanka, University of Hasselt.
- 2009: Ryouichi Higashi, Molecular phylogeny and Morphological Evolution of Interstitial Cytheroid Ostracoda, University of Shizuoka, Japan.
- 2010: Kay Van Damme, A revision of the genus *Alona* Baird, 1843 (Crustacea, Branchiopoda, Anomopoda), University of Ghent.
- 2010: Bob Rumes, Regional Diversity, ecology and palaeoecology of aquatic invertebrate communities in East African Lakes, University of Ghent.

### Promotor of MSc theses

1998: **Karine Van Doninck: xxxx. VUB**

2000: Fré Maes: Vergelijkende studie binnen de ‘ancient asexual’ familie Darwinulidae (Crustacea, Ostracoda): ecologische tolerantie en karyotype. VUB

2004: Marjolein Messiaen. Bijdrage tot de ecologie van zoetwaternematoden van kleine, stilstaande wateren in Vlaanderen. Ugent

2004: Annelies Maes: Genetische variabiliteit van salamanderpopulaties in Vlaanderen, toepassing en conservatie.

**2006: Hilde Vrijders: xxxx Ugent**

2006: Thijs Van der Meeren: Taxonomie en ecologie van Ostracoda (Crustacea) van West-Mongolië. Ugent

2007: Tessa Major: De klepmorfologie in seksuele en clonale lijnen in *Eucypris virens*. Ugent.

2007: Lynn Van Den Broecke: DNA-herstel in asexuele ostracoden (Crustacea, Ostracoda). Ugent.

2007: Shanna Van Blaere: Transposons in asexuele ostracoden (Crustacea, Ostracoda). Ugent.

2007: Arent Raepsaet: De genetische variabiliteit van de kamsalamander (*Triturus cristatus*) in Vlaanderen. Ugent.

2007: Delphine Vanhaecke: De genetische diversiteit van de vroedmeesterpad (*Alytes obstetricans*) in Vlaanderen. Ugent.

2008: Floor Vandevenne: Genetic variability of rare amphibians in Flanders: The case of the European Tree frog (*Hyla arborea* L.). Ugent.

2008: Jeroen Van Brabant: Genetic variability of rare amphibians in Flanders: The spadefoot toad (*Pelobates fuscus*). Ugent.

**External Examiner of Research Projects**

- Flemish Institute for Scientific and Technological research, IWT (Belgium: 1995-2010: 14 times)
- National Science Foundation (USA: 1989, 1995, 2005, 2008).
- Fonds zur Förderung der wissenschaftlichen Forschung" (Austria: 1994, 1996)
- National Geographical Society (USA: 1995, 2008).
- Fund for Research and Development (South Africa: 1999)
- National Environmental Research Council (England: 1999, 2000).
- Netherlands Organisation for Scientific Research (The Netherlands: 2000)
- Earthwatch (USA: 2000)

**Management and Scientific Policy**

- Member of the task force for the creation of the 'European Journal of Taxonomy'
- Author of feasibility paper on creation of a 'publication unit' at RBINS
- Member of the management committee of the 'pool Nature' of the Federal Scientific Institutions.
- Member of the steering committee ESEM KBIN
- Coordinator of numerous research projects
- Responsible for 'Ostracoda' research team within freshwater biology section at RBINS.
- Coordinator of 'Belgian Biodiversity Platform', partim RBINS.
- Preparation of discussion document "The future of scientific research at the RBINS" (2006)
- interim head of the section 'Freshwater Biology' of the R.B.I.N.Sc and of the department "Education and Nature".

- coordinator of the scientific advisory board (Young Think Tank) of the R.B.I.N.Sc. (2001-2003)
- member of the taskforce 'scientific research' for the 'white pages initiative' of the OSTC (2001)
- scientific advisor for the expositions 'Fatal Attraction' (2001), 'Evolution' (2005-2008) and 'Biodiversity' (2009-2010)
- member of several internal commissions of the R.B.I.N.Sc., i.e. on digitalisation of collections, future strategy on internal publications of the R.B.I.N.Sc. (viz. the bulletins, Fauna of Belgium, etc.)

### **Addendum 1. COMPLETE LIST OF STUDY LEAVES AND EXPEDITIONS**

1. 1981, 01.09-15.10. Kolwezi, Zaire.  
Collecting adult and larval Odonata and Ostracoda in the Province of Shaba.
2. 1982, 06.03-07.04. Sudan.  
Study of the collections of the University of Khartoum. Collecting adult and larval Odonata and freshwater fauna (mainly Ostracoda).
3. 1982, 07-11.10. Victoria, Australia.  
Faunistics of ostracods in the saline lakes of the Red Rock Tarns; correlations between shell morphology and water chemistry. (Red Rock Tarn Field station, University of Melbourne).
4. 1983, 25-31.05. Heron Island, Great Barrier Reef, Australia.  
Study of the interstitial marine ostracoda, correlations between corraline algae and epiphytic ostracods.
5. 1984, 22.02-14.03. Israel.  
Sampling various types of water bodies for Ostracoda.
6. 1984, 05-16.06. Mondsee and Vienna (Austria), Budapest and Lake Balaton (Hungary).  
Visit to the limnological institute of the Mondsee, to the limnological institute in Vienna, study of the Daday-collection in the Zoological Department of the Hungarian Natural History Museum (Budapest), visit to the limnological field station of Lake Balaton (Tihany).
7. 1987, 23.09-29.10. Namibia and South Africa.  
Collecting non-marine ostracods and dragonflies in Ovamboland and Kaokoveld. Study of the Sars-collection in the South African Museum (Cape Town).
8. 1988, 16-21.04. Mondsee, Austria.  
Work visit to Dr Danielopol, with discussions on *Leucocythere* en *Limnocythere*.
9. 1988, 31.07-04.08. Lake District, England.  
Collecting non-marine ostracods in various habitats in the Lake District. Visit to the headquarters of the Freshwater Biological Association (Windermere).
10. 1989, 15.11-14.12. Grahamstown and Cape Town, South Africa.  
Study of the ostracod collections in The Albany Museum (Grahamstown); collecting non-marine ostracods in the Eastern Cape Province (surroundings of Grahamstown) and the Western Cape Province (surroundings of Cape Town).
11. 1990, 21-23.5. Leersum, The Netherlands.

Initiation in taxonomy and ecology of aquatic Oligochaeta by Dr P. Verdonschot (R.I.N.)

12. 1990, 11.8-2.9. Lake Baikal and Limnological Institutes at Irkutsk and Listvianka, USSR. (with B. Goddeeris)

Study the ostracod collections in the Institute at Listvianka. Discussions on project 'benthos' with local scientists. Quantitative sampling over depth transects (down to 1200m) in the lake (bilateral agreement).

13. 1990, 19-23.11. Windermere & London, England. (with B. Goddeeris).

Demonstration of Windermere Profiler 2 and visit to the "Institute of Freshwater Ecology". Visit to the British Museum (Nat. Hist.): discussion with Dr G. Boxshall.

14. 1991, 2-16.6. Israel.

Discussions on the aquatic fauna of the Levant. Collecting in various zoogeographical regions.

15. 1991, 19-30.6. Tanzania.

Pilot mission to prepare CASIMIR/SIAL expedition to Lake Nyasa. (see no. 23).

16. 1991, 27.8-10.9. Lake Baikal, USSR.

Quantitative sampling over depth transects around the Selenga Delta. Oxygen measurements with microelectrodes in the sediment. (with B. Goddeeris & P. Martin).

17. 1991, 21-30.9. Lake Tanganyika (Burundi).

Quantitative and qualitative sampling of benthos along coastline of Burundi. Pilot mission SIAL.

18. 1991, 26.10-6.12. Lake Nyasa (Tanzania).

In charge of CASIMIR/SIAL expedition (with 35 participating scientists - Belgium, USSR, USA, Tanzania). Qualitative and quantitative sampling of benthos over depth transects in the northern part of the lake; oxygen measurements in the sediment with microelectrodes. (with B. Goddeeris & P. Martin).

19. 1991, 30.3-3.4. Aberystwyth, Wales.

Study visit to Dr R. Whatley (Univ. of Wales) on the revision of the Treatise of Invertebrate Palaeontology (T.I.P.), partim post Cretaceous non-marine Ostracoda.

20. 1992, 17.5-7.6. Lake Tanganyika, Burundi & Tanzania.

Sampling benthos along Tanzanian coast, between Kigoma and Kipili Islands. (with B. Goddeeris and Cichlid-group led by E. Verheyen).

21. 1992, 17.10-8.11. Lake Nyasa/Malawi, Tanzania.

Leading a biological/limnological expedition with 15 Russian and Tanzanian scientists. Qualitative and quantitative sampling along transects in northern part of the lake; vertical

distribution of phyto-, zoo- and bacterioplankton.

22. 1992, 21.11-15.12. Lake Tanganyika, Burundi and Zaire.

Leading (with A.S. Cohen & J.J. Tiercelin) a multidisciplinary expedition (subject: "Impact of excess sedimentation by deforestation"), using ROV of NURP (USA).

23. 1993, 22.3-26.4. Grahamstown, Cape Town, Bloemfontein (South Africa)

Sampling Drakenberg-area, Karoo, southern cape and Kimberley-Bloemfontein area.

Revision of Cypridopsinae in South African Museum. Identification of ostracods from Verloren Vley (northern part of Western Cape).

24. 1993, 27.10-3.12. South Africa, Lesotho, Malawi.

Sampling in West Transvaal (Dolomite area) and Lesotho mountains. Preparing expedition to Lake Malawi from Senga Bay.

25. 1994, 7-23.3 Lake Malawi, Senga Bay. (IG.28050)

Sampling and oxygen measurements along depth transects (with P. Martin).

26. 1994, 1-16.8 Lake Baikal, Russia. (IG.28051)

Sampling and oxygen measurements along depth transects, with special reference to the profundal (with B. Goddeeris & P. Martin).

27.1994, 17-31.10 South Africa (IG.28128)

Sampling in the western Cape and in Natal.

28.1995, 18.3-28.3 Natal (South Africa) and Lesotho, Drakensberg (IG.28210)

Sampling in the Eastern Drakensberg (Natal).

29.1995, 29.3-1.5 Lake Tanganyika, Zambia and Tanzania (IG.28209)

Sampling South and South-East Tanganyika (partim meiobenthos & gastropoden).

30.1995, 3-14.7 Lake Titicaca and altiplano, Bolivia (IG.28359)

Sampling Lake Titicaca and lagunas on the Altiplano.

31.1995, 15-22.7 Sao Paulo, Brazil (IG.28359)

Identification of collections.

32. 1995, 11-15.11 Southern Finland (IG.28361)

Sampling for *Limnocythere* and *Darwinula* in Tvärminne, Turku and Lammi for European HCM network.

33. 1996, 4-22.3, South Africa (Natal) (IG.28362)  
Sampling Lake Sibaya and Eastern Drakensberg.
34. 1996, 28.6-1.7. southern France (IG.28810)  
Sampling darwinulids for EU-HCM Network (with D.L. Danielopol).
35. 1996, 4-18.11 South Africa (Natal) (IG.28809)  
Sampling aquatic biotopes in the Eastern part of the Drakensberg.
36. 1997, 1-15.8 Lake Baikal, Russia (IG.28808)  
Sampling Ostracoda for project "The effects of reproductive mode and multiple invasions on speciation of ancient lake ostracods: comparative molecular genetics of Baikalian *Cytherissa*" (postdoc I. Schön).
37. 1997, 17-20.11 southern France  
Sampling Ostracoda for exchange programme with British Council on Wealdan environment (with D.J. Horne).
38. 1998, 31.1-20.2 South Africa & Lesotho. (IG.28659)  
Sampling Ostracoda in aquatic habitats around the Drakensberg.
39. 1998, 17-26.4 U.K.  
Sampling *Cyprideis* in England & Scotland.
40. 1998, 13-21.11 KwaZulu-Natal, South Africa (IG.28807)  
Collection of non-marine Ostracoda, discussions on joint projects.
41. 1999, 14.3-6.4 Lake Malawi (IG.28805)  
Sampling cruise for EU-INCO project
42. 1999, 19.7-3.8 Lake Baikal, Russia (IG.28804)  
Sampling cruise for *Cytherissa* project
43. 1999, 10-18.12 Sardinia, Italy  
Sampling sexual populations of Cypridoidea in temporary pools.
44. 2000, 21.2-6.3 South Africa,  
Collecting live darwinulids from Molopo Oog, exploring West Cape Mountains, discussions on manuscripts in Cape Town & Grahamstown.
45. 2001, 12-24.2. Victoria & New South Wales, Australia.  
Collecting Ostracoda from salt lakes (Victoria) and terrestrial environments in Barrington Tops rain forest (New South Wales).



46. 2003, 25.5-13.6, Brazil.

Sao Paulo: collaborative research on terrestrial Ostracoda of Brazil.

Campo Grande: sampling Pantanal, riverine habitats near Bonito.

47. 2004, 9-27.3, Brazil.

Sao Paulo: collaborative research on terrestrial Ostracoda of Brazil.

Parana & Mato Grosso do Sul: sampling Parana floodplain (project CNPq)

48. 2004, Kalmar, Sweden.

Invited departmental seminar, discussion projects palaeoecology, collection of Ostracoda in the Alvar of Oland.

49. 2004, 30.7-20.8, Mongolia.

First collecting expedition of aquatic biodiversity in Altai Mountains (partim Ostracoda) in the framework of the NSF (USA) project on 'Biodiversity of Mongolia'.

50. 2004, 27.10-18.11, Brazil.

Parana & Mato Grosso do Sul: sampling Parana floodplain (project CNPq).

51. 2005, 4-26.8. Mongolia

Second collecting expedition of aquatic biodiversity in Altai Mountains (partim Ostracoda) in the framework of the NSF (USA) project on 'Biodiversity of Mongolia'.

52. 2006, 12-14.1. Corfu, Greece

Sampling for sexual *Eucypris virens* populations in the framework of EU MC RTN 'SexAsex'.

53. 2006, 1-16.2. Maringa, Brazil

Ostracoda of the floodplain of the Parana river (project CNPq).

54. 2006, 15.3-16.5. Perth, Australia

Ostracoda of the Pilbara region (mini-sabbatical leave).

55. 2006, 16.9-6.10. Lake Tanganyika, Zambia

Collection of Ostracoda in framework of ESF project MOLARCH.

56. 2007, 1-15.2. Maringa, Brazil

Parana & Mato Grosso do Sul: sampling Parana floodplain (project CNPq).

57. 2007, 18.9-11.10. Lake Tanganyika, Zambia and Tanzania.

Collection of Ostracoda in framework of ESF project MOLARCH.

58. 2008-2009: 15.12-16.1. Perth, Australia  
Revision of Western Australian *Bennelongia* (mini-sabbatical leave).
59. 2009, 31.7-10.8. Maringa, Brazil  
Study of relationship between fractal complexity of roots of floating plants and ostracod community.
60. 2010, 15.1-3.2, Maringa, Brazil  
Sampling of Parana Floodplain in framework of Long-Term Ecological Monitoring (PELT-CNPq).
61. 2010, 15.5-9.6. Congo  
Congo River Expedition, Bumba-Kisangani. Sampling macro- and meio-invertebrates.
62. 2010, 26.6-10.8. Perth, Australia  
Ostracoda of the Kimberley region, revision of Western Australian *Bennelongia* (mini-sabbatical leave).
63. 2010, xxxx, Maringa, Brazil  
Sampling of Parana Floodplain in framework of Long-Term Ecological Monitoring (PELT-CNPq).

## Addendum 2. COMPLETE LIST OF INTERNATIONAL CONGRESSES AND SYMPOSIA

1. 1974, 05-17.08. Bokrijk, Belgium.  
Annual congress of the International Youth Federation for Environmental Studies and conservation (IYF).
2. 1975, 01-15.08. Dombas, Norway.  
Annual congress of the I.Y.F. (see above).
3. 1979, 17-21.09. Drongen, Belgium.  
Second international Rotifer Symposium.
4. 1981, 16-21.08. Chur, Switzerland.  
Sixth international Symposium of Odonatology.  
(lecture: 'Description of the larval stages of the desert dragonfly *Paragomphus sinaiticus* MORTON (nymph and 5 preceding instars), with notes on the larval habitat and a comparison with two related species'.)
5. 1983, 21-22.05. Brisbane, Australia.  
22nd annual congress of the Australian Society for Limnology.  
(lecture: 'Aspects of the biology of *Mytilocypris henricae* (Crustacea, Ostracoda) in Lake Bathurst (N.S.W.)'.)
6. 1983, 21-28.08. Lyon, France.  
22nd Congress of the International Association of Theoretical and Applied Limnology.
7. 1985, 25-26.04. Lille, France.  
9ième réunion des ostracodologistes de langue Française.
8. 1987, 14-15.05. Maastricht, The Netherlands.  
11ième réunion des ostracodologistes de langue Française.
9. 1988, 17-18.3. Köln, Germany.  
1. Treffen Deutschsprachiger Ostracoden-Forscher.
10. 1988, 25-30.07. Aberystwyth, Wales.  
10th international symposium on Ostracoda.  
(lecture: 'Phylogeny and historical biogeography of the subfamily Megalocypridinae ROME, 1965').
11. 1988, 25-26.11. Brussels, Belgium.

Symposium 'Invertebrates of Belgium'.

(poster: 'The Oligochaetes of Belgian inland waters').

12. 1989, 02-08.08. Frankfurt, Germany.

First European Ostracodologists' Meeting.

(chairman + lecture: 'Speciation and evolution of the genus *Limnocythere* s.s. in the East African Galla lakes (Ethiopia)').

13. 1989, 13-19.08. München, Germany.

24th congress of the International Association of Theoretical and Applied Limnology.

(lecture: 'The spatial and temporal distribution of ostracods in Lake Zwai (Ethiopia)').

14. 1990, 16-18.11 Antwerp, Belgium.

First Belgian Congress of Zoology.

(Poster (with B. GODDEERIS): 'Quantitative distribution of benthic invertebrates in Lake Baikal (Siberia - USSR)').

15. 1991, 25-27.2, MRAC, Tervuren, Belgium.

Workshop 'CASIMIR' (Comparative Analysis of Sediment Infill Mechanisms In Rifts).

16. 1991, 6-11.5. Kuopio, Finland.

Symposium on Limnology and Fisheries of Lake Tanganyika.

17. 1992, 7-9.5. RBINSc, Brussels, Belgium

Symposium on 'Biological Indicators of Global Change'.

18. 1992, 20-21.5. Bujumbura, Burundi.

Invited observer to the first joint meeting of coordination and international scientific committees of Project GCP/RAF/271/FIN (FINNIDA/FAO Tanganyika Project).

19. 1992, 22-27.8. Barcelona, Spain

24th congress of the International Association of Theoretical and Applied Limnology.

20. 1993, 24-27.6. Moulis, France

Workshop on Timiriaseviinae. (invited speaker)

21. 1993, 22-28.7. Glasgow, Scotland

Second European Ostracodologists Meeting

(oral contribution and chairman)

22. 1993, 20-21.12. London, England

First meeting of EEC-network 'Human Capital and Mobility' (Coordinator).

23. 1994, 11-17.5. Irkutsk, Russia  
International Workshop on 'Baikal as a natural Laboratory for Global Change'.  
(invited plenary lecture, chairman of biology session)
24. 1994, 28.5-2.6. Parma, Italy  
Meeting for EC-HCM Network
25. 1994, 4-10.6. Madrid, Spain  
Meeting for EC-HCM Network
26. 1994, 17-19.6. Marseille, France  
PAGES meeting Palaeoclimatology/East African Lakes  
(invited participant)
27. 1994, 24-31.7. Prague, Czech Republic  
12th International Symposium on Ostracodology.  
(organiser of workshop within this symposium)
28. 1994, 17-22.12. Mondsee, Austria  
Meeting for EU-HCM Network
29. 1995, 23-30.7. Sao Paulo, Brazil  
26th International congress of Limnology (SIL)  
(chairperson of session, oral communication)  
1995, 31.7-4.8. Sao Paulo, Brazil  
Workshop on Neotropical aquatic invertebrates  
(invited participant)
30. 1995, 10-15.9. Kuopio, Finland  
Symposium: Lake Tanganyika Research  
invited presentation: Speciation in Ancient Lakes, with special reference to Lake Tanganyika.
31. 1995, 2-3.11. Madrid, Spain  
Meeting of the EU-HCM Network.  
Presentation: Past and present diversity and reproductive modes in non-marine ostracodes
32. 1996, 15-21.2. Chatham & Leeds, U.K.  
Meetings for the EU-HCM Network.
33. 1996, 20-25.5. Chatham, U.K.  
Exchange program British Council on Wealdan environment (with Dave Horne).

34. 1996, 7-12.7. Bierville (Paris), France.  
3rd European Ostracodologists Meeting.
35. 1996, 2-29.7. Chatham, U.K.  
Exchange program British Council on Wealdan environment (with Dave Horne), including fieldwork on Isle of Wight.
36. 1996, 2-6.9. Liège, Belgium  
2nd European Crustacean Conference.  
Oral communication: Gullivers amongst the Lilliputians: on gigantism in non-marine ostracods.
37. 1996, 9-13.12 Paris, France & Chatham, U.K.  
Meetings for EU-HCM network
38. 1996, 19-22.12 Parma, Italy  
EU-HCM network meeting.
39. 1997, 22-24.1 Paris, France  
Meeting at National Museum for Sulawesi project.
40. 1997, 24.2-3.3.1997 Chatham, U.K.  
Exchange program British Council on Wealdan environment (with Dave Horne).
41. 1997, 22-28.6 Kyoto, Japan  
International Conference on Ancient Lakes  
(see organisation of symposia)
42. 1997, 27-31.7 Chatham, U.K.  
13th International Symposium on Ostracodology.  
Chairperson.  
Oral communication: Divergent recognition systems in one phyletic lineage: the example of the Limnocytherinae (Crustacea, Ostracoda, Cytherocopina).
43. 1997, 24-28.8 Ghent, Belgium  
2nd International Symposium on Diapause in the Crustacea.  
(see organisation of symposia)
44. 1997, 13.9-7.10 Kigoma, Tanzania (IG. 28660)  
Workshop and Training course for anglophone participants of "Lake Tanganyika Biodiversity Project" (GEF), partim invertebrate taxonomy (consultancy M.R.A.G.) & collecting for molecular work on *Cyprideis* species flock (with I. Schön).

45. 1997, 8-12.12 Chatham, U.K.  
Exchange programme with British Council on Wealdan environment.
46. 1998, 23-25.2 Southampton, U.K.  
First meeting EU-Malawi project.
47. 1998, 2-10.7 Bujumbura, Burundi  
Workshop and Training course for Francophone participants of “Lake Tanganyika Biodiversity Project” (GEF), partim invertebrate taxonomy (consultancy M.R.A.G.).
48. 1998, 19-22.7 Amsterdam, The Netherlands  
Fourth International Congress on Crustacea. Co-organisor of “Jan Stock” sessions. oral contribution: Comparative Crustacean biodiversity in Ancient Lakes.
49. 1998, 9-15.8. Dublin, Ireland.  
27<sup>th</sup> Congress of S.I.L., organisation of special session on “Biodiversity in Ancient Lakes”, oral and poster communications.
50. 1998, 5-6.10. Paris, France  
Discussions on Palaeozoic darwinulids.
51. 1998, 12-16.10. Lunteren, The Netherlands  
SCOPE workshop on Biodiversity and Ecosystem Functioning. Invited participant.
52. 1998, 20-25.10. Aberystwyth, Wales  
Discussion on Treatise of Invertebrate Palaeontology
53. 1998, 26-27.10. Cambridge, U.K.  
Invited lecture (Univ. Cambridge, Zool. Dept.) on “To mate or not to mate. The evolutionary ecology of reproductive modes in ostracods.”
54. 1998, 30.10-11.11. Kusatsu, Yokohama & Hakone, Japan  
Invited lecture at Lake Biwa Museum “Speciation and Evolution in Ancient Lakes”  
Keynote lecture at joint BICER, BDP & DIWPA meeting at Yokohama.  
Commentator at Lake Baikal symposium at Hakone.
55. 1998, 16-20.12 Chatham, U.K.  
Wapping lectures. Lecture: “Reproductive mode and habitat stability: the example of ancient lake Ostracoda (Crustacea).”
56. 1999, 27-31.1 Chatham, UK

Meeting for EU 5<sup>th</sup> FW application

57. 1999, 8-10.4 Aberystwyth, Wales  
External examiner of PhD-thesis

58. 1999, 22-24.4 Brussels, Belgium  
Meeting for 5<sup>th</sup> FW application

59. 1999, 4-19.5 Dublin, Ireland  
Senior Visiting Fellowship of the Royal Irish Academy, Trinity College, Zoology Dept, Dublin.

60. 1999, 21-29.8 Barcelona, Spain  
ESEB congress 1999

61. 1999, 17-21.9 Cambridge, UK  
British Micropalaeontological Society, ostracod working group

62. 1999, 18-21.10 London, UK  
Baikal meeting Natural History Museum (invited speaker)

63. 2000, 9-13.1 Malawi  
Second IDEAL conference.  
Lecture: maintenance of biodiversity in Ancient Lakes.

64. 2000, 18-22.4 Aussois, France  
Symposium: Phylogeography, hybridisation and speciation; a discussion meeting organised in honour of Godfrey Hewitt, (supported by the genetical society)  
lecture: Sex and speciation in ancient lakes

65. 2000, 5-10.5 Harvard University, Boston, USA  
Discussions with Meselson group on ancient asexuals.  
Invited departmental seminar: One hundred million years without sex.

66. 2000, 19-21.7 Sligo, Ireland  
Great Lakes of the World II.  
Invited lecture: Persistence of biodiversity in ancient lakes

67. 2000, 30.8-2.8 Groningen, The Netherlands  
Symposium: Evolutionary Ecology of Sex.  
Invited lecture: One hundred million years without sex.



68. 2000, 11-15.9. Menorca, Spain.  
UIMIR (Universitat Internacional de Menorca Illa del Rei)  
Invited teacher: Ancient asexuals and geographical parthenogenesis.
69. 2000, 23.10. Greenwich, Leeds & Oxford Universities, England.  
Greenwich & Leeds: Meetings & discussions  
Oxford: Invited departmental seminar: '100 million years without sex'.
70. 2000, 17-21.12. Greenwich University, England  
Wapping lectures, meeting of new EU network application.
71. 2001, 16-19.1. Institut für Limnologie, Mondsee, Austria.  
Departmental seminar: Speciation in ancient lakes.
72. 2001, 4-9.2. Melbourne, Australia  
28<sup>th</sup> Congress of S.I.L.  
Oral contribution: gigantism in non-marine ostracods; Poster (& I. Schön): No Meselson effect in *Darwinula stevensoni*?
73. 2001, 5-21.5. La Paz, Bolivia/ Sao Paulo & Maringa, Brazil  
1st International Symposium on Lake Titicaca. Introduction course on ostracod taxonomy to student Ricardo Pinto. Sampling Ostracoda on River Parana floodplains.
74. 2001, 31.7-7.8 Shizuoka, Japan  
14th international symposium on Ostracodology (ISO 2001). Co-convenor of a session on molecular phylogeny of Ostracoda. Several oral and poster communications.
75. 2001, 20-25.8 Aarhus, Denmark  
VIIIth congress of the European Society for Evolutionary Biology (ESEB). Senior convenor of a symposium 'Evolutionary ecology and genetics of asexual reproduction', 1 oral contribution, 1 poster.
76. 2001, 1-10.9 Cape Town, South Africa.  
Workshop 'Identification of Aquatic Invertebrates of southern Africa'. Partim Ostracoda.

77. 2001, 12.9-1.10 Maringa, Sao Paulo, Brazil.  
Discussions publications, Dept. seminar Univ. Maringa, sampling, collaborative research on terrestrial Ostracoda.
78. 2002, 2-14.6 Minneapolis (USA) & Victoria (Canada)  
Minneapolis: discussions with E. Ito & collaborators on ecology of non-marine ostracods;  
Victoria: ASLO conference.
79. 2002, 18-23.8 Davos, Switzerland.  
12th annual V.M. Goldschmidt conference (incorporating ICOG).
80. 2002, 2-7.9 Irkutsk, Russia  
Speciation in Ancient Lakes III. One lecture, one poster.
81. 2002, 9-26.11 Sao Pedro, Sao Paulo, Maringa, Brazil  
II. Congresso Brasileiro sobre Crustaceos. One invited lecture, one poster. Discussions  
publications, sampling, collaborative research on terrestrial Ostracoda.
82. 2003, 12-14.3 Rimini, Italy  
1st meeting of Italian ostracodologists. Three oral communications.
83. 2003, 19-21.3. Paris, France  
Diversitas meeting, Core Project 1.
84. 2003, 11-14.8. Beveren, Belgium  
Aquatic Biodiversity: past, present, future.  
Convenor. 1 Oral contribution, 2 posters.
85. 2003, 18-23.8. Leeds, U.K.  
IXth congress of the European Society for Evolutionary Biology (ESEB). Senior convenor of  
a symposium 'Geographical Parthenogenesis and polyploidy', 1 oral contribution.
86. 2003, 24-28.8 Espoo (Helsinki), Finland.  
9th international paleolimnology symposium.
87. 2003, 1-5.11 Seattle, USA.  
Annual meeting for the Geological Society of America; invited lecturer for Palaeontological  
Society Short Course. 1 invited lecture.
88. 2003, 20-23.11. Wageningen, Nederland  
First workshop of ESF-PARTNER (parthenogenesis) network: Asexuality and timescales. 2  
oral communications.

89. 2004, 15-18.4. Valencia, Spain  
Second workshop of ESF-PARTNER (parthenogenesis) network: Origin and spread of asexuals. 2 oral communications.
90. 2004, 2-6.5. Bonn, Germany  
Fifth International Symposium on Tropical Biology. African biodiversity: Molecules, Organisms, Ecosystems. Invited plenary lecture.
91. 2004, 9-11.7. Drongen, Belgium.  
Preliminary workshop in the EU Marie Curie RTN project 'SexAsex'. Organiser.
92. 2004, 17-20.8 Scarborough, UK  
Meeting of the ostracod group of the British Micropalaeontological Society.
93. 2004, 6-10.10. Munster, Germany  
Third workshop of ESF-PARTNER (parthenogenesis) network: Diversity in asexuals: patterns and processes. 2 oral communications.
94. 2005, 13-16.1 Parma, Italy  
Kick Off meeting of EU-Marie Curie RTN 'SexAsex'. Coordination.
95. 2005, 24-28.1 Paris, France  
Biodiversite, science et gouvernance. Participation.
96. 2005, 18-19.4 Brussels, Belgium.  
3<sup>rd</sup> GBIF Science symposium. 1 oral communication.
97. 2005, 30.6-8.7. Drongen & Brussels, Belgium.  
Second scientific meeting (Drongen) and first trainings workshop (Brussels) of the SexAsex network.
98. 2005, 14-22.7. Glasgow, Scotland.  
Crustacea conference, 2 oral communications (1 plenary).
99. 2005, 11-16.9. Berlin, Germany  
XIth International Symposium on Ostracoda. 3 oral communications (1 plenary), 4 posters, 1x chairperson, elected to president of IRGO.
100. 2005, 19-30.9. Thailand  
Workshop on taxonomy and phylogeny of non-marine Ostracoda at University of Kho Kaen (teacher, c 20 participants).
101. 2005, 12-16.10. Mechelen, Belgium.  
Workshop on Freshwater Animal Diversity, FADA (convenor).

102. 2005, 25-30.11. Valencia, Spain.  
Third workshop & 2nd training workshop of the EU MC TRN Sexasex.
103. 2006, 24.6-2.7. Duluth, USA  
Paleolimnology Symposium.
104. 2006 13-17.8. Prague, Czech Republic.  
Fourth workshop & 3<sup>rd</sup> training workshop of the EU MC TRN Sexasex.
105. 2006, 7-17.11. Maringa & Sao Paulo, Brazil  
Manuscript writing with students R. Pinto & J. Higuti
106. 2006, November, Mechelen, Belgium.  
Workshop on Freshwater Animal Diversity, FADA (convenor).
107. 2006, 30.11-5.12. Malham, UK.  
Fifth workshop & 4th training workshop of the EU MC TRN Sexasex
108. 2007, 6-8.3. Gent, Belgium.  
Meeting of the MOLARCH project.
109. 2007, 29.3-4.4, Minnesota, USA.  
Meeting NSF Mongolia project (new application) & IWT project VanderMeeren.
110. 2007, 26-27.4, Mechelen., Belgium.  
Workshop on Freshwater Animal Diversity, FADA (convenor).
111. 2007. 14-15 June, Mondsee, Austria.  
Palaeoecology Workshop: From Modern to Ancient Lakes (invited plenary lecture).
112. 2007, 8-11.7, Palermo (Italy)  
Society of European Freshwater Sciences (SEFS)
113. 2007, 12-19.8, Montreal, Canada  
International Society of Limnology (SIL): oral communications, several posters, chair of session, editorial board meeting Hydrobiologia, National Representative of Belgium.
114. 2007, 5-7.9. Frankfurt, Germany.  
European Ostracod Meeting: 2 oral communications, several posters, opening and closing of meeting as IRGO president.

115. 2007, 11-15.9. Zurich, Switzerland.

Open Workshop of Sexasex project : “The Paradox of Sex”: opening of workshop as coordinator of Sexasex with introductory talk, business meeting of the project.

116. 2008, 7-24.1. Maringa & Sao Paulo, Brazil (CNPq grant)

Manuscript writing with postdocs R. Pinto & J. Higuti, teaching course on international scientific writing.

117. 11-18.2.2008, Gdansk, Poland.

Training workshop Statistics and Project meeting Sexasex.

118. 2008, 25.2-6.3. Seattle & Minneapolis.

DIVERSITAS Freshwater Biodiversity Cross Cutting Network and 4<sup>th</sup> Scientific Committee Meeting. Workshop “Sustainable Freshwaters: biodiversity, resilience and the value of ecosystem services” (Seattle); Discussions Mongolia project (Minneapolis).

119. 2008, 13-19 July. Pataya, Thailand

10<sup>th</sup> international conference on Copepoda.

Invited plenary lecture.

120. 2008, 20-23.7 Munich, Germany  
Project meeting Sexasex
121. 2008, 25-27.11 Graz, Austria  
Invited departmental lecture on ancient lake speciation.
122. 2009, 14-21.2 Taipei, Keelung, Taiwan  
Invited stay by J.S. Hwang, 2 invited departmental seminars. Sampling at Kaoshiung County.
123. 2009, 23-26.2 Parma, Italy  
Invited plenary talk (on scientific publishing) for annual meeting of Italian PhD students
124. 2009, 11-16.3 Minneapolis, USA.  
Meeting of Mongolia research group, invited departmental seminar.
125. 2009, 22-24.6 Bratislava, Slovakia  
EDIT meeting on scientific publishing in taxonomy
126. 2009, 26-30.7 Brasilia, Brazil  
16<sup>th</sup> International Symposium on Ostracoda.  
Invited keynote lecture, 5 further oral, 4 poster communications  
Elected as 'past-president' of the IRGO and as co-guest editor of the proceedings.
127. 2009, 16-20.8 Sinaia, Romania  
6<sup>th</sup> Symposium for European Freshwater Sciences (SEFS).  
Co-author oral communication (with E De Roeck)
128. 2009, 9-25.10 Cape Town & Stellenbosch, South Africa  
Second DIVERSITAS Open Science Conference (Cape Town) and DIVERSITAS  
representative at the GWSP meeting (Stellenbosch).
129. 2009, 17-19.11 London, United Kingdom  
Invited speaker at the Annual General Meeting 2009 of The Micropalaeontological Society
130. 2009, 15-17.12 Carvoeiro, Portugal  
EDIT General Meeting 2009  
Invited speaker on the creation of a new web-based European Journal on Organic Taxonomy.
131. 2010, 15.1-3.2. Maringa & Brasilia, Brazil  
Finishing manuscripts, editing Ostracod proceedings, Invited departmental speaker Univ.  
Brasilia.
132. 2010, 22-26.2. Berlin, Germany

Kickoff meeting EU project Biofresh  
Leader of WP1

133. 2010, 4-6.5. Vienna, Austria  
Annual meeting of the European Geosciences Union (EGU)  
Co-convenor of symposium CL1-8 (African Quaternary palaeoclimates)  
1 poster presentation (see abstracts: Horne & Martens, 2010)

## ISI h-factor Koen Martens = 21

**h-factor = 21 (ISI)**

**On 8.1.2010, these 21 papers had 672 ISI and 771 Google Scholar (GS) citations.**

**Total number of ISI citations on 1.3.2010 = 1115 (automatic count)**

**180 citations in 2009.**

1. Title: Speciation in ancient lakes  
Author(s): **Martens K**  
Source: **TRENDS IN ECOLOGY & EVOLUTION** Volume: **12** Issue: **5** Pages: **177-182** Published: **MAY 1997**  
Times Cited: **75 (GS = 100)**
2. Title: Slow molecular evolution in an ancient asexual ostracod  
Author(s): Schon I, Butlin RK, Griffiths HI, et al.  
Source: **PROCEEDINGS OF THE ROYAL SOCIETY OF LONDON SERIES B-BIOLOGICAL SCIENCES** Volume: **265** Issue: **1392** Pages: **235-242** Published: **FEB 7 1998**  
Times Cited: **72 (GS = 78)**
3. Taxonomy, morphology and biology of Quaternary and living Ostracoda  
DJ HORNE, A COHEN, K MARTENS - Geophysical monograph, 2002 - cat.inist.fr  
[Geciteerd door **61** - Verwante artikelen - Het internet - Alle 3 versies – Google scholar only]
4. Title: HOMOLOGY AND FUNCTIONAL-MORPHOLOGY OF THE SEXUAL DIMORPHISM IN THE ANTENNA OF SCLEROCYPRIS SARS, 1924 (CRUSTACEA, OSTRACODA, MEGALOCYPRIDINAE)  
Author(s): **MARTENS K**  
Source: **BIJDRAGEN TOT DE DIERKUNDE** Volume: **57** Issue: **2** Pages: **183-190** Published: **1987**  
Times Cited: **49 (GS = not listed)**
5. Title: Linkages between aquatic sediment biota and life above sediments as potential drivers of biodiversity and ecological processes  
Author(s): Palmer MA, Covich AP, Lake S, et al.  
Source: **BIOSCIENCE** Volume: **50** Issue: **12** Pages: **1062-1075** Published: **DEC 2000**  
Times Cited: **43 (GS = 55)**
6. Title: Persistence of asexuality through mixed reproduction in *Eucypris virens* (Crustacea, Ostracoda)  
Author(s): Schon I, Gandolfi A, Di Masso E, et al.



Source: **HEREDITY** Volume: **84** Issue: **2** Pages: **161-169** Published: **FEB 2000**  
Times Cited: **45 (GS = 45)**

7. Title: Asexual reproduction in nonmarine ostracods  
Author(s): Butlin R, Schon I, Martens K  
Source: **HEREDITY** Volume: **81** Pages: **473-480** Part: **Part 5** Published: **NOV 1998**  
Times Cited: **39 (GS = 45)**
8. Title: The Ziway-Shala lake basin system, Main Ethiopian Rift: Influence of volcanism, tectonics, and climatic forcing on basin formation and sedimentation  
Author(s): Le Turdu C, Tiercelin JJ, Gibert E, et al.  
Source: **PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY** Volume: **150** Issue: **3-4** Pages: **135-177** Published: **JUL 1 1999**  
Times Cited: **37 (GS = 27)**
9. Title: How ancient are ancient asexuals?  
Author(s): Martens K, Rossetti G, Horne DJ  
Source: **PROCEEDINGS OF THE ROYAL SOCIETY OF LONDON SERIES B-BIOLOGICAL SCIENCES** Volume: **270** Issue: **1516** Pages: **723-729** Published: **APR 7 2003**  
Times Cited: **37 (GS = 48)**
10. Title: A general purpose genotype in an ancient asexual  
Author(s): Van Doninck K, Schon I, De Bruyn L, et al.  
Source: **OECOLOGIA** Volume: **132** Issue: **2** Pages: **205-212** Published: **JUL 2002**  
Times Cited: **33 (GS = 37)**
11. Title: Global change and the biodiversity of freshwater ecosystems: Impacts on linkages between above-sediment and sediment biota  
Author(s): Lake PS, Palmer MA, Biro P, et al.  
Source: **BIOSCIENCE** Volume: **50** Issue: **12** Pages: **1099-1107** Published: **DEC 2000**  
Times Cited: **31 (GS = 48)**
12. Title: Effects of landscape disturbance on animal communities in Lake Tanganyika, East Africa  
Author(s): Alin SR, Cohen AS, Bills R, et al.  
Source: **CONSERVATION BIOLOGY** Volume: **13** Issue: **5** Pages: **1017-1033** Published: **OCT 1999**  
Times Cited: **30 (GS = 31)**
13. Title: The ontogeny of the cypridid ostracod *Eucypris virens* (Jurine, 1820) (Crustacea, Ostracoda)

Author(s): Smith RJ, Martens K

Conference Information: 13th International Symposium on Ostracoda (ISO97), JUL, 1997 UNIV GREENWICH MEDWAY CAMPUS, KENT, ENGLAND

Source: **HYDROBIOLOGIA** Volume: **419** Pages: **31-63** Published: **FEB 2000**

Times Cited: **26 (GS = 32)**

14. Title: EFFECTS OF TEMPERATURE AND SALINITY ON POSTEMBRYONIC GROWTH IN MYTILOCYPRIS-HENRICAЕ (CHAPMAN) (CRUSTACEA, OSTRACODA)

Author(s): MARTENS K

Source: **JOURNAL OF CRUSTACEAN BIOLOGY** Volume: **5** Issue: **2** Pages: **258-272** Published: **1985**

Times Cited: **25 (GS = 21)**

15. [BOEK] Sex and parthenogenesis: evolutionary ecology of reproductive modes in non-marine ostracods. K Martens - 1998 - Backhuys

Geciteerd door **27** - Verwante artikelen - Het internet Google scholar only]

16. Title: No slave to sex

Author(s): Schon I, Martens K

Source: **PROCEEDINGS OF THE ROYAL SOCIETY OF LONDON SERIES B-BIOLOGICAL SCIENCES** Volume: **270** Issue: **1517** Pages: **827-833** Published: **APR 22 2003**

Times Cited: **26 (GS = 27+15)**

17. Title: Ecological characteristic's of small farmland ponds: Associations with land use practices at multiple spatial scales

Author(s): Declerck, S; De Bie, T; Ercken, D, et al.

Source: **BIOLOGICAL CONSERVATION** Volume: **131** Issue: **4** Pages: **523-532** Published: **SEP 2006**

Times Cited: **24 (GS = 22)**

18. Title: Effects of genotype and environment on phenotypic variability in *Limnocythere inopinata* (Crustacea : Ostracoda)

Author(s): Yin Y, Geiger W, Martens K

Source: **HYDROBIOLOGIA** Volume: **400** Pages: **85-114** Published: **APR 1999**

Times Cited: **23 (GS = 30)**

19. Title: The freshwater Microcrustacea of Easter Island

Author(s): Dumont HJ, Martens K

Source: **HYDROBIOLOGIA** Volume: **325** Issue: **2** Pages: **83-99** Published: **JUN 7 1996**

Times Cited: **23 (GS = 22)**

20. Title: Oxygen concentration profiles in sediments of two ancient lakes: Lake Baikal (Siberia, Russia) and Lake Malawi (East Africa)

Author(s): Martin P, Granina L, Martens K, et al.

Source: **HYDROBIOLOGIA** Volume: **367** Pages: **163-174** Published: **1998**  
Times Cited: **22 (GS =27)**

21. Title: Origin, age and diversity of clones - Commentary

Author(s): Butlin RK, Schon I, Martens K

Source: **JOURNAL OF EVOLUTIONARY BIOLOGY** Volume: **12** Issue:  
**6** Pages: **1020-1022** Published: **NOV 1999**

Times Cited: **22 (GS = NA)**

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22. Title: ON NAMIBCYPRIS-COSTATA N-GEN, N-SP (CRUSTACEA,  
OSTRACODA, CANDONINAE) FROM A SPRING IN NORTHERN NAMIBIA,  
WITH THE DESCRIPTION OF A NEW TRIBE AND A DISCUSSION ON THE  
CLASSIFICATION OF THE PODOCOPINA

Author(s): **MARTENS K**

Source: **STYGOLOGIA** Volume: **7** Issue: **1** Pages: **27-42** Published: **1992**

Times Cited: **21 (GS = not listed)**

23. Title: Evolution in the slow lane: molecular rates of evolution in sexual and asexual  
ostracods (Crustacea : Ostracoda)

Author(s): Schon I, Martens K, Van Doninck K, et al.

Conference Information: Symposium on Intraclonal Genetic Variation - Ecological  
and Evolutionary Aspects, APR 11-12, 2002 LONDON, ENGLAND

Source: **BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY** Volume:  
**79** Issue: **1** Pages: **93-100** Published: **MAY 2003**

Times Cited: **22 (GS = 22)**

24. Title: OXYGEN CONCENTRATION PROFILES IN SOFT-SEDIMENT OF LAKE  
BAIKAL (RUSSIA) NEAR THE SELENGA-DELTA

Author(s): MARTIN P, GODDEERIS B, Martens K

Source: **FRESHWATER BIOLOGY** Volume: **29** Issue: **3** Pages: **343-**  
**349** Published: **JUN 1993**

Times Cited: **19 (GS = 10)**

25. Title: On the Darwinulidae (Crustacea : Ostracoda) from Oceania

Author(s): Martens K, Rossetti G

Source: **INVERTEBRATE SYSTEMATICS** Volume: **16** Issue: **2** Pages: **195-**  
**208** Published: **2002**

Times Cited: **19 (GS = 20)**

26. Title: DNA repair in ancient asexuals - a new solution to an old problem?

Author(s): Schon, I; Martens, K

Source: **JOURNAL OF NATURAL HISTORY** Volume: **32** Issue: **7** Pages: **943-**

**948** Published: **JUL 1998**  
Times Cited: **19**

**FADA OSTR = 15 (ISI); 11 GS**

26.8.2010

## Publications Koen MARTENS

### International journals with ISI impact factor

1. VAN DER MEEREN T., S. MISCHKE, D. VERSCHUREN, E. ITO, J. ALMENDINGER, N. SONINKHISHIG, **K. MARTENS**, in press. Subfossil ostracode assemblages from Mongolia – quantifying response for paleolimnological applications. (submitted).
2. VAN DER MEEREN, T., E. ITO, J. ALMENDINGER, D. VERSCHUREN, & **K. MARTENS** (in press). Valve chemistry of *Limnocythere inopinata* (Ostracoda) in a cold arid environment – implications for paleolimnological interpretation. Palaeogeography, Palaeoclimatology, Palaeoecology (submitted).
3. SCHMIT, O., S. ADOLFSSON, J. VANDEKERKHOVE, J. RUEDA, S. N.S. BODE, G. ROSSETTI, Y. MICHALAKIS, J. JOKELA, **K. MARTENS** & F. MEZQUITA (in press). Environmental gradients match the spatial distribution of sexual reproduction of the geographic parthenogen ostracod *Eucypris virens* in a temporary lake. Evolutionary ecology (submitted).
4. DE BIE, T., L. DE MEESTER, L. BRENDONCK, **K. MARTENS**, B. GODDEERIS, D. ERCKEN, L. DENYS, L. VANHECKE, K. VAN DER GUCHT, J. VANWICHELEN & S. DECLERCK (in press). The relative importance of metacommunity processes in structuring pond communities: a multi-group approach. Ecology (submitted).
5. PINTO, R.L., C.E.F. ROCHA, G. ROSSETTI & **K. MARTENS** (in press). Description of a new species in the genus *Vestalenula* ROSSETTI & MARTENS, 1998 (Crustacea, Ostracoda, Darwinulidae) from a semi-terrestrial habitat on the island of Florianopolis (Brazil). Crustaceana. (submitted).
6. VAN DER MEEREN, T., D. VERSCHUREN, J.E. ALMENDINGER, E. ITO & **K. MARTENS** (in press). Morphometric techniques allow environmental reconstructions from low-diversity ostracode assemblages. Journal of Palaeolimnology (accepted). (IF = 2.160)
7. HORNE, D.J. M. JOCQUE, L. BRENDONCK & **K. MARTENS**, (in press). On *Potamocypris compressa* (Crustacea, Ostracoda) from temporary rock pools in Utah (USA) with notes on the taxonomic harmonisation of North American and European ostracod faunas. Zootaxa (submitted). (IF= 0.740)
8. **MARTENS, K.** & S. SAVATENALINTON (in press). A checklist of the Recent, non-marine species of Ostracoda (Crustacea). Zootaxa (submitted) (IF=0.740)
9. ROSSETTI, G., R.I. PINTO & **K. MARTENS** (in press). Description of a new genus and two new species of Darwinulidae (Crustacea, Ostracoda), from Christmas Island (Indian Ocean) with some considerations on the morphological evolution in ancient asexuals. Belgian Journal of Zoology (submitted). (IF= xxx)
10. DE BIE, T., G. LOUETTE, L. DE MEESTER, L. BRENDONCK, **K. MARTENS** & S. DECLERCK (in press). Pond age in relation to the richness and composition of cladoceran communities: dispersal limitation and succession. Oikos (submitted). (IF=2.970)

11. JOCQUE, M., L. BRENDONCK, B. RIDDOCH & **K. MARTENS** 2010. On *Amphibolocypis arida* n.sp. (Crustacea, Ostracoda), from rock pools in Botswana (southern Africa). *Zootaxa* 2408: 47-58. (IF=0.740)
12. HIGUTI, J., S. A. J. DECLERCK, F. A. LANSAC-TÔHA, L. F. MACHADO VELHO & **K. MARTENS** 2010. Variation in ostracod (Crustacea, Ostracoda) communities in the alluvial valley of the upper Paraná River (Brazil) in relation to substrate. *Hydrobiologia* 644: 261-278. (DOI: 10.1007/s10750-010-0122-1). (IF=1.754)
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20. SAVATENALINTON S & **K. MARTENS** 2009. Generic revision of Cypricerinae McKenzie, 1971 (Crustacea, Ostracoda), with the description of three new genera and one new species and a phylogenetic analysis of the subfamily. *Hydrobiologia* 632: 1-48. (DOI 10.1007/s10750-009-9826-5). (IF=1.754)
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