

PROGRAMME OF THE 13th IBA CONFERENCE CONCEPCION, CHILE, JANUARY 2004

REGISTRATION and WELCOME

SUNDAY 11th

- 15:00 – 18:00 Registration and setting up of posters displays in Aula Magna, Universidad Católica de la Santísima Concepción .
- 20:00 - 22.30 Opening ceremony and cocktail.
Casa del Arte, Universidad de Concepción

ORAL PRESENTATIONS AND POSTER DISPLAYS

MONDAY 12th

I. ECOLOGY and LIFE STRATEGIES

1st. SESSION Chair DENNIS GORDON

- 08:50 – 09:20 **Priska Schäfer** & Beate Bader
Geochemical proxies and life strategies of bryozoans: A comparison of polar and temperate species.
- 09:20 – 09:40 **Penny A. Morris** & Dorothy F. Soule
Microbial activity and frontal wall pore sieve plates in northeastern Pacific.
- 09:40 – 10:00 **Sandra Kittelmann**
Bryozoans from the Jade bight in Northwestern Germany and molecular biological analysis of their associated bacteria.
- 10:00 – 10:20 **Maja Novosel**, Goran Olujić, Silvia Cocito & Antonieta Pozar-Domac
Submarine Freshwater Springs: A Unique Habitat for the Bryozoan *Pentapora fascialis*.
- 10:20 – 10:50 **Coffee**

2nd SESSION Chair DOROTHY SOULE

- 10:50 – 11:10 **Tohru Iseto**
Discussions on the benefit of commensalism in solitary entoprocts (Entoprocta: Loxosomatidae).
- 11:10 – 11:30 **Aaron O’Dea**
Reproductive life histories of Central American Cupuladriids.
- 11:30 – 11:50 **Patricio H. Manríquez**, R. N. Hughes & J. D. Bishop
Colonial fusion in relation to coancestry in *Celleporella hyalina*.

- 11:50 – 12:10 **Steven J. Hageman** & Christopher D. Todd
Hierarchical source of environmental variation in a modern bryozoan, *Electra pilosa*.
- 12:10 – 12:30 **Scott Lidgard S.**
Boreholes, small drilling predators, and reparative growth in fossil cheilostome bryozoans.
- 12:30 – 12:50 **Setting up of poster displays**
- 13:00 – 15:00 **LUNCH**

3rd SESSION Chair JUDITH WINSTON

- 15:00 – 15:30 **John S. Ryland** & Joanne S. Porter.
Geographic variation in zooid size in two west European species of *Alcyonidium* (Ctenostomatida).
- 15:30 – 15:50 **Juan M. Cancino** & María C. Orellana
Survival to total overgrowth in encrusting bryozoans.
- 15:50 – 16:10 **Abigail M. Smith**
Women in the International Bryozoology Association, 1965-2004.
- 16:10 – 16:30 **Dorothy F. Soule**, Penny A. Morris & Henry W. Chaney
Ovicell pores and complex frontal wall pore sieve plates in microporellid species in southern California.
- 16:30 – 17:00 **Coffee**

II. AUSTRALASIAN REALM : PAST AND PRESENT

4th SESSION Chair MARCUS KEY

- 17:00 – 17:20 **Kevin J. Tilbrook** & Sammy De Grave
Biogeographical analysis of Indo-West Pacific Cheilostome bryozoan faunas.
- 17:20 – 17:40 **Rolf Schmidt** & Yvonne Bone
Enigmatic Palaeoenvironments of Eocene Bryozoa, St Vincent Basin, South Australia.
- 17:40 – 18:00 **Joachim Scholz** & Shunsuke F. Mawatari
Diversity of laminar bryozoans and microbial fouling on laminar shallow marine bryozoans of Japan and New Zealand.
- 18:00 – 18:20 **IBA Council Meeting: Hotel Araucano**

TUESDAY 13th

III. ARCTIC and ANTARCTIC: PAST and PRESENT

5 th SESSION Chair ECKART HÅKANSSON

- 08:30 – 09:00 **David K. A. Barnes & Piotr Kuklinski**
Bipolar patterns of intraspecific competition and prevalence of homosyndrome.
- 09:00 – 09:20 **Andrej Ernst & Hans A. Nakrem**
Bryozoans from the Artinskian (Lower Permian) Great Bear Cape Formation, Ellesmere Island (Canadian Arctic).
- 09:20 – 09:40 **Piotr Kuklinski & David K. A. Barnes**
Biodiversity on coastal boulders at Spitsbergen.
- 09:40 – 10:00 **Hans Arne Nakrem**
Some Upper Permian bryozoans from Svalbard, Arctic Norway.
- 10:00 – 10:20 **Piotr Kuklinski**
Bryozoan mode of life in the high Arctic dynamic fjordic environment.
- 10:20 – 10:50 **Coffee**

6 th SESSION Chair HANS ARNE NAKREM

- 10:50 – 11:10 **Marcus M. Key Jr., P. Wyse Jackson, E. Håkansson, W. Patterson & M.D. More**
C and O isotopic test of the algal symbiosis hypothesis for gigantism in Permian Trepostomes from Greenland.
- 11:10 – 11:30 **Beate Bader & Priska Schäfer**
The Antarctic bryozoan *Melicerita obliqua*: Skeletal morphogenesis and growth check lines.
- 11:30 – 11:50 **Elizabeth M. Campbell & Yvonne Bone**
Cyclostome bryozoans collected during historical Antarctic expeditions are now providing geochemically-determined oceanographic temperature data.
- 11:50 – 12:10 **Juan M. Cancino, Hugo I. Moyano & Patricio H. Manríquez**
Ecological observations on shallow water marine bryozoans in King George Island, Antarctica.
- 12:10 – 12:30 **Mary E. Spencer Jones**
Biodiversity Aysén, southern Chile: a preliminary bryozoan report.
- 12:30 – 12:50 **Hugo I. Moyano G.**
Bryozoa of the CIMAR-7 Expedition to the Aysenian fjords and channels.
- 12:50 **Photo Session**
- 13:00 **LUNCH**

7 th SESSION Chair **PRISKA SCHÄFER**

- 15:00 – 15:30 **Eckart Håkansson**, Silvio Casadío & Ana Parras
Miocene free-living bryozoans from Patagonia.
- 15:30 – 15:50 **David K. A. Barnes**
Life, death and fighting at high latitude.
- 15.50 – 16.20 **Coffee**

IV. GEOLOGY and PALEONTOLOGY

8 th SESSION Chair **ELIZABETH M. CAMPBELL**

- 16:20 – 16:50 **Patrick N. Wyse Jackson** & Hans Martin Weber
An exceptionally preserved bryozoan fauna from the Carboniferous (Mississippian, Upper Viséan) of Germany.
- 16:50 – 17:10 **Urszula Hara**
Bryozoans from Zechstein (Upper Permian) of southwestern Poland.
- 17:10 – 17:30 **Françoise P. Bigey**
Upper Devonian to Lower Carboniferous Bryozoa in Central Hunan (S. China).
- 17:30 – 17:50 **Ernest H. Gilmour** & Iraida P. Morozova
Paleobiogeography of Middle to Late Permian Bryozoans.
- 17:50 – 18:10 **Roger J. Cuffey**
Bryozoan Species and Possible Sedimentologic Roles in Small Waulsortian-Like Mud-Mound Bioherms in the Mississippian (Lower Carboniferous) of the American Mid-West.
- 18:10 – 18:30 **Edward M. Snyder** & Ernest H. Gilmour
Bryozoa of the Mission Argillite (Permian), northeastern Washington.

WEDNESDAY 14th

EXCURSION

Full day excursion to Nahuelbuta National Park.

THURSDAY 15th

V. FRESHWATER BRYOZOANS

9 th SESSION Chair **JOHN S. RYLAND**

- 08:30 – 09:00 **Beth Okamura** & Joanna Freeland
Metapopulation ecology of freshwater bryozoans: spatial and temporal contributions to gene flow and genetic diversity.

- 09:00 – 09:20 **Samantha Hill & Beth Okamura**
A novel technique for the assessment of the distribution of *Lophopus crystallinus*, a rare phylactolaemate within the U.K.
- 09:20 – 09:40 **Abigail M. Smith & Michelle A. Brunton**
Infestation of a temperate reservoir by freshwater bryozoans – an integrated research.
- 09:40 – 10:00 **María Cristina Orellana**
Freshwater bryozoans in central Chile.
- 10:00 – 10:20 **Emmy Wöss**
The distribution of freshwater bryozoans in Austria.
- 10:20 – 10:40 **Beth Okamura, Silvie Tops & Samantha Hill**
Bryozoans and their mysterious myxozoan parasites.
- 10:40 – 11:00 **Coffee**

VI. EVOLUTION and DIVERSITY

10 th SESSION Chair BETH OKAMURA

- 11:00 – 11:30 **Roger N. Hughes, A. Gómez, P.J. Wright, D. Lunt, J. M. Cancino, G. R. Carvalho & H. I. Moyano**
Phylogeography and Sibling Speciation in *Celleporella hyalina*.
- 11:30 – 11:50 **Joanne S. Porter, David O.F. Skibinski & Peter J. Hayward**
Towards a molecular phylogeny of the cheilostomate Bryozoa; insights from the COI and 18s rRNA genes.
- 11:50 – 12:10 **Timothy S. Wood & Michael Lore**
The Higher Phylogeny of Phylactolaemate Bryozoans Inferred from 18S Ribosomal DNA Sequences.
- 12:10 – 12:30 **Asit K. Guha & K. Gopikrishna**
Diversity, evolution and paleoecology of the Tertiary bryozoan assemblages of western Kachchh, Gujarat, India.
- 12:30 – 12:50 **Andrew N. Ostrovsky & Paul D. Taylor**
Brood chambers constructed from spines and costae in fossil and Recent cheilostome bryozoans.
- 13:00 – 15:00 **LUNCH**

11 th SESSION Chair **PATRICK WYSE JACKSON**

- 15:00 – 15:30 **Claus Nielsen**
Cell-lineage, larval types and entoproct-ectoproct phylogeny.
- 15:30 – 15:50 **Marcus M. Key, Jr. & Abigail M. Smith**
From plate tectonics to bryozoan evolution.
- 15:50 – 16:10 **Paul D. Taylor & Shunsuke F. Mawatari**
Preliminary overview of the cheilostome bryozoan *Microporella*.
- 16.10 – 16:30 **Jean-Loup L. d'Hondt**
Actualized Biological definition of the Bryozoa.
- 16:30 – 17:00 **Coffee**

12 th SESSION Chair **FRANÇOISE BIGEY**

- 17:00 – 17:20 **Dennis P. Gordon & Paul D. Taylor**
The cheilostomatous genera of Alcide d'Orbigny –nomenclatural and taxonomic status.
- 17:20 – 17:40 **Andrei V. Grischenko & Shunsuke F. Mawatari**
A new genus of Umbonulidae (Bryozoa: Cheilostomata) from the northwest Pacific.
- 17:40 – 18.00 **Jürgen Kaselowsky**
Comparison of selected ascophorine bryozoans from Red Sea, Philippines, and Socotra (Yemen).
- 18:00 – 18:20 **Laís Vieira Ramalho & Guilherme Muricy**
Taxonomy and distribution of *Bugula* (Gymnolaemata: Anasca) in Rio de Janeiro state, Brazil.

FRIDAY 16 th

EVOLUTION and DIVERSITY II

13 th SESSION Chair **NORBERT VÁVRA**

- 08:30 – 09:00 **Judith E. Winston & Alvaro Esteves Migotto**
A New Encrusting Interstitial Bryozoan Fauna from Brazil
- 09:00 – 09:20 **Amalia Herrera-Cubilla, Matthew H. Dick, JoAnn Sanner & Jeremy B.C. Jackson**
Taxonomy of the genus *Cupuladria* from both sides of Panama. I. Morphology and Systematics.
- 09:20 – 09:40 **Jean-Loup L. d'Hondt**
The historical collections of Recent Bryozoa in the French National Collections.
- 09:40 – 10:00 **Amalia Herrera-Cubilla, JoAnn Sanner, Matthew H. Dick, & Jeremy B.C. Jackson**
Taxonomy of the genus *Cupuladria* from both sides of the Isthmus of Panama. II. Description of the species.

14 th SESSION Chair **JEREMY JACKSON**

10:00 – 11:00 Comments and visit to posters.
Coffee

VII. MEDITERRANEAN-TETHYAN REALM

15 th SESSION Chair **CLAUS NIELSEN**

11:00 – 11.30 **Pierre Moissette**, Jean-Paul Saint Martin, Frédéric Garcia, Jean-Pierre André
& Jean-Jacques Cornée
Bryozoans in Messinian carbonate buildups of western Sardinia, Italy.

11:30 – 11:50 **Antonietta Rosso**
Bryozoan facies in deep-sea Pleistocene environments of southern Italy.

11:50 – 12:10 **Yasser A. El Safori**
Environmental impact of the river Nile on the Recent bryozoans of the northern
coast of Egypt.

12:10 – 12:30 **Norbert Vávra**
Bryozoan faunas from the Neogene of Moravia (Czech Republic).

12:30 – 12:50 **Yasser A. El Safori** & Ahmed M. Muftah
Oligocene bryozoans From al Jabal Akhdar, Libya.

13:00 – 15:00 **LUNCH**

16 th SESSION Chair **DAVID BARNES**

15:00 – 15:30 **Björn Berning**, Pierre Moissette & Christian Betzler
Late Neogene bryogeography of southern Spain.

15:30 – 15:50 **Kamil Zágorsek** & Katarína Holcová
Development of Badenian Bryozoan fauna in Podbrezice (south, Czech
Republic): from reef to meadow.

15:50 – 16:10 **Dennis Gordon**: Species 2000/OBIS

16:10-16:30 **Next IBA Conference Venue**

16:30 – 17:00 **Coffee**

17:00 – 18.00 **IBA BUSINES MEETING**

20:00 – 23:00 **OFFICIAL DINNER**