

SECTION 14**Systematics, Phylogeny & Zoogeography**

CONVENORS: Martin Villet (RSA) and Chris Simon (USA)

10 July 2008

SESSION NO. 2

Symposium Reference No. **14.07** **Hymenoptera: assembling the tree of life** Room No: Hall 2C
 Symposium Organisers: Mike Sharkey (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	1632	Phylogeny and diversification of ants (Formicidae) Authors Sean Brady Ted Schultz Brian Fisher	Sean Brady
2	09:15	1007	Molecular phylogenetics of the Vespoidea Authors Erik Pilgrim James Pitts Carol von Dohlen	Erik Pilgrim
3	09:30	1871	Phylogeny of apoid wasps Authors Michael Ohl Volker Lohrmann Silke Mosel	Volker Lohrmann
4	09:45	266	Phylogeny and antiquity of the bees based on combined molecular, morphological and paleontological datasets. Authors Sophie Cardinal Atsushi Kawakita Bryan Danforth	Sophie Cardinal
5	10:00	147	Functional and phylogenetic implications of the sting apparatus of solitary wasps Authors Silke Mosel Michael Ohl	Silke Mosel
6	10:15	1579	Phylogeny of the Chalcidoidea Authors John Heraty James Munro Jean-Yves Rasplus	John Heraty

SESSION NO. 3

Symposium Reference No. **14.013** **Tea Break** Room No: Hall 3ABC
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	10:30	0	Tea Break Authors	Tea Break

SESSION NO. 4

Symposium Reference No. **14.07** **Hymenoptera: assembling the tree of life** Room No: Hall 2C
 Symposium Organisers: Mike Sharkey (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
7	11:00	1625	Phylogeny and evolution of Cynipoids Authors Matthew Buffington	Matthew Buffington
8	11:15	455	Phylogenetic relationships among Alysiini (Hymenoptera: Braconidae: Alysiinae); utilizing 28S, 16S, COI and ND1 markers. Authors Salmah Yaakop Cornelis Van Achterberg Bin Abd. Ghani Idris	Salmah Yaakop
9	11:30	1693	Molecular phylogeny of the Platygastroidea: The big leap to a robust classification Authors Andy Austin Norman Johnson Hans Klompen	Andy Austin
10	11:45	1099	Wasp diversity 'down under': systematics and biogeography of Australian Rhopalosomatidae (Hymenoptera: Apocrita) Authors Lars Krogmann Andrew D. Austin	Lars Krogmann
11	12:00	860	Relating ichneumonoid phylogeny to global diversity patterns Authors Donald Quicke Owen Jones Andy Purvis	Donald Quicke
12	12:15	759	Fossil Neanastatinae (Chalcidoidea: Eupelmidae) — implications for inferences of evolution and relationships of the subfamily Authors Gary Gibson	Gary Gibson

SESSION NO. 5

Symposium Reference No. **14.024** **Lunch Break & Posters** Room No: Hall 3ABC
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	Lunch Break & Posters Authors	Lunch Break & Posters

SESSION NO. 6

Symposium Reference No. **14.07** **Hymenoptera: assembling the tree of life** Room No: Hall 2C
 Symposium Organisers: Mike Sharkey (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
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13	14:00	577	Phylogeny of the Ichneumonidae Authors Andrew M. Bennett David B. Wahl Ian D. Gauld	Andrew M. Bennett
14	14:15	1758	Systematics of the family Braconidae in China Authors Xue-xin Chen Min Shi Yi-ping Wang	Xue-xin Chen
15	14:30	201	In search of monophyly: the Ctenopelmatinae (Hymenoptera: Ichneumonidae) and its included tribes Authors Jacques DuBois Matt Yoder Debra Murray	Robert Wharton
16	14:45	810	Beyond the wasp-waist: Mesosomal anatomy and phylogeny of apocritan Hymenoptera Authors Lars Vilhelmsen Istvan Miko Lars Krogmann	Lars Vilhelmsen
17	15:00	1530	Phylogenetic analysis of Encyrtidae (Hymenoptera: Chalcidoidea): Are there un-concerted copies of 28S rDNA in Hymenoptera? Authors James B. Woolley John S. Noyes Donald Quicke	D Quicke
18	15:15	1254	Molecular systematics of braconid wasps (Hymenoptera: Ichneumonoidea) Authors Ashley Dowling Michael Sharkey Barbara Sharanowski	Barbara Sharanowski

SESSION NO. 7

Symposium Reference No.	14.018	Tea Break	Room No:	Hall 3ABC
Symposium Organisers:				
Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	Tea Break Authors	Tea Break

SESSION NO. 8

Symposium Reference No.	14.07	Hymenoptera: assembling the tree of life	Room No:	Hall 2C
Symposium Organisers: Mike Sharkey (USA)				
Order	Start	Abstract No.	Presentation Title	Presenting Author
19	16:00	514	A phylogenomic odyssey within Hymenoptera: the utility of ESTs for resolving key Apocritan relationships Authors Barbara J. Sharanowski John A. Walker S. Randal Voss	Barbara J. Sharanowski
20	16:15	704	HYMAToL: Assembling the Hymenoptera tree of life Authors HYMAToL Team Michael Sharkey	HYMAToL Team

Symposium Reference No.	14.33	Selected Contributions 14E	Room No:	Hall 2C
Symposium Organisers:				
Order	Start	Abstract No.	Presentation Title	Presenting Author
21	16:45	478	Biogeography of the mutillid wasps (Hymenoptera: Mutillidae) Authors Arkady S. Lelej	Arkady S. Lelej
22	17:00	972	The genus Carminator (Hymenoptera: Megalyridae): geographic distribution and phylogeny Authors Toshiharu Mita Kazuhiko Konishi	Toshiharu Mita
23	17:15	1340	Apterous males in Mutillidae (Hymenoptera: Aculeata): Pattern and process Authors Denis Brothers	Denis Brothers

26 June 2008