

**SECTION 11****Physiology & Biochemistry**

CONVENORS: Frances Duncan (RSA) and Laura Fielden (USA)

**11 July 2008**

SESSION NO. 2

Symposium Reference No **11.08** **Juvenile hormone in adult physiology and behaviour: the roads less travelled** Room No: MR 21G  
 Symposium Organisers: Maciej Pszczolkowski (USA) & Sonny Ramaswamy (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	331	<b>Juvenile hormone in reproductive physiology and behavior of Lepidoptera: Intra- and interorganismal co-ordination</b> Authors Maciej Pszczolkowski Sonny Ramaswamy	Maciej Pszczolkowski
2	09:30	1225	<b>Juvenile hormone and parental care in biparental burying beetles</b> Authors Stephen Trumbo Claudia Rauter	Stephen Trumbo
3	09:45	1671	<b>Regulation of bark beetle pheromone biosynthesis by JH III</b> Authors Claus Tittiger Gary Blomquist Christopher Keeling	Claus Tittiger
5	10:15	3140	<b>Juvenile hormone and sexual maturation in migratory and non migratory populations of the true armyworm, Pseudaletia unipuncta</b> Authors Jeremy McNeil	Jeremy McNeil

SESSION NO. 3

Symposium Reference No **11.014** **Tea Break** Room No: Hall 3ABC  
 Symposium Organisers:

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

SESSION NO. 4

Symposium Reference No **11.08** **Juvenile hormone in adult physiology and behaviour: the roads less travelled** Room No: MR 21G  
 Symposium Organisers: Maciej Pszczolkowski (USA) & Sonny Ramaswamy (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	3102	<b>An integrated molecular and histological study on the impact of sublethal effects of Fenoxycarb on the European honeybee, Apis mellifera</b> Authors Kevin Heylen Johan Billen Roger Huybrechts	Kevin Heylen
8	11:30	1293	<b>Morph-specific circadian rhythm for the juvenile hormone titer in wing polymorphic crickets: Functional and evolutionary implications for the endocrine basis of morph specialization.</b> Authors Anthony Zera	Anthony Zera
9	11:45	836	<b>Juvenile Hormone as a regulator of plasticity in adulthood: from butterflies to beetles</b> Authors Emilie Snell-Rood Daniel Papaj Goggy Davidowitz	Emilie Snell-Rood

SESSION NO. 5

Symposium Reference No **11.025** **Lunch Break & Posters** Room No: Hall 3ABC  
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	<b>Lunch Break &amp; Posters</b> Authors	Lunch Break & Posters

SESSION NO. 6

Symposium Reference No **11.28** **Selected Contributions 11A** Room No: MR 21G  
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
10	14:00	345	<b>Circatidal rhythm of locomotor activity in the mangrove cricket Apteronomobius asahinai</b> Authors Aya Satoh Eiji Yoshioka Hideharu Numata	Aya Satoh
11	14:15	3334	<b>How does alpine moth, Syngnapha ottolengui adapt their life cycle and flight activity rhythm to severe Alpine environment?</b> Authors Masami Sasaki Satoshi Yamamura	Masami Sasaki
13	14:45	1419	<b>Action spectrum for the suppression of arylalkylamine N-acetyltransferase activity in the two-spotted spider mite Tetranychus urticae</b> Authors Takeshi Suzuki Makio Takeda	Takeshi Suzuki

SESSION NO. 7

Symposium Reference No **11.019** **Tea Break** Room No: Hall 3ABC  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	<b>Tea Break</b> Authors	Tea Break

08 October 2008