2012 International Congress of Odonatology

"Dragonflies in the Changing World"

Program

July 28-August 2, 2012
Odawara, Japan
Program

Saturday, July 28

Registration
[ Lecture room ]
10:00 - 13:00

Public talks
Chair : H. Karube
[ Museum theater ]
13:00 - 13:20 Opening

13:20 - 14:20 Y. Nagahata : Satoyama Landscape as habitat for dragonflies in Japan and Primorsky Krai (Russia)

14:20 - 15:20 A. Cordero Rivera : Reproduction without sex: the origin and status of Ischnura hastata in the Azores archipelago

15:20 - 15:40 Coffee Break

15:40 - 16:40 M.J. Samways : Future landscapes for conservation

Reception
[ Museum cafeteria ]
17:20 - 20:00

Sunday, July 29

Opening
Chair : Y. Tsubaki
[ Museum theater ]
09:00 - 10:00
10:00 - 10:20 Coffee Break

**Commemorative session for late Dr. Syoziro Asahina**

Chairs: K. Inoue & W. Piper  
[Museum theater]

10:20 - 10:40 **S. Eda** : Dr. Asahina, his personal history and published books

10:40 - 11:00 **A. Sasamoto & R. Futahashi** : Revision of some Japanese odonate taxonomy inferred from the results of DNA analyses; the cases of Japanese *Rhipidolestes* species and *Orthetrum melania* and its allies

11:00 - 11:20 **Z. Guan, B.-P. Han & H.J. Dumot** : *Atrocalopteryx melli* on Hainan Island, Southern China


**Lunch Break & Tea ceremony**

[Lecture room]

11:40 - 13:40

**Plenary talk 1**

Chairs: M. Samways & M. Watanabe  
[Museum theater]

13:40 - 14:20 **F. Hayashi** : Slight but significant modification of male genitalia in Caloperygidae

**Oral session 1. Biodiversity & Conservation 1**

Chairs: M. Samways & M. Watanabe  
[Museum theater]

14:20 - 14:40 **Y. Nagahata** : Effects of the tsunami disaster on Odonata assemblages

14:40 - 15:00 **T. Yamanaka, R. Futahashi, T. Kadoya, A. Sasamoto, Y. Morioka & T. Osawa** : Reconstruction of the past: effective exploitation of historical records of odonate
species

15:00 - 15:20  **H.J. Dumont**: *Pyrrhosoma* and its relatives

15:20 - 15:40  Coffee Break

**Group photographing**
[Front of the Museum]

15:40 - 16:00

**Video session**
- Chairs: G. Jacquemin & M. Piper  
  [Museum theater]

16:00 - 16:20  **G. Rüppell & D. Hilfert-Rüppell**: Behaviour of dragonflies (Presented by K. Inoue)

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**Monday, July 30**

**Plenary talk 2**
- Chairs: A. Cordoba-Aguilar & T. Kadoya  
  [Museum theater]

09:00 - 09:40  **Y. Tsubaki**: Species interaction and character divergence

**Oral session 2. Evolution & Taxonomy 1**
- Chairs: A. Cordoba-Aguilar & T. Kadoya  
  [Museum theater]

09:40 - 10:00  **J. van Tol**: The origin and evolution of forest damselflies (Odonata: Platystictidae)

10:00 - 10:20  **R.J. Rowe**: Larvae: what we ought to know

10:20 - 10:40  **T. Koyama, T. Yokoyama & Y. Hirose**: Micropores in the vitelline layer of the eggs of the dragonfly, *Oligoaeschna pryeri*: preliminary observation from the viewpoint of oxygen uptake
10:40 - 11:00  Coffee Break

**Oral session 3.** Behavior & Ecology 1  
Chairs : H.J. Dumont & F. Hayashi  
[Museum theater]

11:00 - 11:20  **S. Combes, D. Rundle & J. Iwasaki** : Dragonfly predation flight dynamics and ecological insights

11:20 - 11:40  **N. Ishizawa** : Ground effect of patrol flight of *Anotogaster sieboldii* males

11:40 - 12:00  **T. Kadoya & I. Washitani** : Use of multiple habitat types with asymmetric dispersal affects patch occupancy of the damselfly *Indolestes peregrinus* in a fragmented landscape

**Lunch Break**  
[Lecture room]

12:00 - 13:40

**Plenary talk 3**  
Chairs : Y. Tsubaki & G. Sahlén  
[Museum theater]


**Oral session 4.** Behavior & Ecology 2  
Chairs : Y. Tsubaki & G. Sahlén  
[Museum theater]

14:20 - 14:40  **R.A. Sánchez-Guillén, D.I. Galicia-Mendoza & A. Cordero-Rivera** : Males learn to prefer gynochrome females in a polymorphic damselfly (Odonata: Coenagrionidae)

14:40 - 15:00  **H. Naraoka** : Reproductive behavior of *Mortonagrion hirosei* Asahina, with special reference to intra-male sperm translocation just after copulation (Coenagrionidae)
15:00 - 15:20  N. Ishizawa : Analysis of flight of Odonata by using a high-speed video camera in relation to responses of Odonata to a rotating dummy

15:20 - 15:40  Coffee Break

**Poster session**

Chairs: T.-W. Tam & A. Sasamoto

[Lecture room]

15:40 - 17:00

#1  K. Tsuchiya & F. Hayashi : Left-handed sperm removal by male calopterygid damselflies

#2  H. Okuyama & Y. Tsubaki : Light-oriented and shade-oriented micro-habitat segregation in two closely related Mnais damselflies

#3  H. Karube and T. Odajima : Northing of Aciagrion migratum in Kanagawa Prefecture, Japan

#4  K. Ohtsu : Sensitivity to some paddy field insecticide of Japanese common meadowhawk, Akiakane (Sympetrum frequens) larvae

#5  B. Feriwibisono & N. Christian : The diversity of Odonata (Insecta) in the Water Spring Area of Wendit Malang Regency, East Java, Indonesia

#6  H.-C. Tang & S.-L. Chen : Dragonfly fauna of Taipei Zoo, Taipei, Taiwan

#7  I-L. Lee, T.-L. Tung & K.-C. Wong : An overview on the family Coenagrionidae (Odonata: Zygoptera) of Taiwan

#8  K. Tone & T. Katoh : Morphological and molecular difference between two species of the dragonfly, genus Somatochlora in Hokkaido, Japan

#9  G. Sharma : Studies on the reproductive behavior of selected species of Damselflies and Dragonflies (Odonata:
Tuesday, July 31

Mid Congress Field Trip

Wednesday, August 1

**Plenary talk 4**  
Chairs: A. Cordero Rivera & S. Nomakuchi  
[Museum theater]

09:00 - 09:40 **M.J. Samways**: Loss of 60 million years of odonatological evolution narrowly averted by controlling invasive aliens

**Oral session 5. Biodiversity & Conservation 2**  
Chairs: A. Cordero Rivera & S. Nomakuchi  
[Museum theater]

09:40 - 10:00 **H. Karube & M. Fukui**: Serious impact on the domestic dragonflies by invasive alien species: the case in Japan

10:00 - 10:20 **T. Kadoya, M. Akasaka, T. Aoki & N. Takamura**: Exploring an integrated biodiversity indicator for agricultural ponds

10:20 - 10:40 **J. Vivas-Santeliz**: Odonata from the National Park Sierra de Perijá, Zulia-Venezuela: preliminary results

10:40 - 11:00 Coffee Break

**Plenary talk 5**  
Chairs: R.J. Rowe & R. Futahashi  
[Museum theater]
11:00  - 11:40  **H. Jinguji** : Recent decline of rice-field dwelling *Sympetrum* spp.: verification of pesticide application impacts

**Oral session 6.** Biodiversity & Conservation 3  
Chairs: R.J. Rowe & R. Futahashi  
[Museum theater]

11:40  - 12:00  **J. Ott** : Dragonflies in rice fields of Southeast Asia – first results of the LEGATO-project

**Lunch Break**  
[Lecture room]

12:00  - 13:00

**Photo session 1**  
[Museum theater]

13:00  - 13:40

**Plenary talk 6**  
Chairs: J. Ott & H. Jinguji  
[Museum theater]

13:40  - 14:20  **M. Watanabe** : Mitigation project of the endangered brackish water damselfly, *Mortonagrion hirosei*, in estuarine landscape

**Oral session 7.** Biodiversity & Conservation 4  
Chairs: M.J. Samways & H. Jinguji  
[Museum theater]

14:20  - 14:40  **H. Ubukata & Y. Kurauchi** : Comparison of efficiency and fidelity among sampling methods using different life stages for monitoring the odonate community of a large pond

14:40  - 15:00  **G. Sahlén** : Causes of a changing species composition in Swedish lakes: agriculture, climate change and forestry acting together
Dragonfly photo honoring
   Chair : A. Ozono
   [Museum theater]

15:00 - 15:20

15:20 - 15:40 Coffee Break

WDA Board of trustees meeting
   Chair : G. Sahlén
   [Meeting room]

15:40 - 17:00

Congress Dinner
   [Yumoto Fujiya Hotel]

18:00 - 20:00

Thursday, August 2

Plenary talk 7
   Chairs : J. van Tol & H. Ubukata
   [Museum theater]

09:00 - 09:40 J. Ott : Dragonflies and global change – effects of climate change, land use change and alien invasive species on dragonflies

Oral session 8. Biodiversity & Conservation 5
   Chairs : J. van Tol & H. Ubukata
   [Museum theater]

09:40 - 10:00 T. Kiyoshi : Geographical variation in the wing morphology of the golden-ringed dragonfly Anotogaster sieboldii (Selys, 1854) detected by landmark-based geometric morphometrics

10:00 - 10:20 T.-W. Tam : Community structure of the dragonflies in
Nankunshan Nature Reserve, Huizhou, Guangdong, China

10:20 - 10:40  Coffee Break

**Plenary talk 8**
Chairs: J. Taylor & T. Kiyoshi
[Museum theater]

10:40 - 11:20  **R. Futahashi** : Mechanisms of color pattern formation and evolution in dragonflies

**Oral session 9. Evolution & Taxonomy 2**
Chairs: J. Taylor & T. Kiyoshi
[Museum theater]


11:40 - 12:00  **K.-C. Wong, T.-W. Chan & T.-Y. Chuang** : Taxonomic studies of the larval stage of Aeshnidae (Odonata) in Taiwan

12:00 - 12:20  **K. Inoue** : Problems on the female dimorphism of *Deielia phaon*

**Lunch Break**
[Lecture room]

12:20 - 13:20

**Photo session 2**
[Museum theater]

13:20  14:00

**Workshop** : Conservation actions
Chairs: W. Wain & H. Karube
[Museum theater]
14:00 - 14:20  **H. Karube**: How to make people become odonatologists

14:20 - 14:30  **T. Odajima, A. Odajima & K. Odajima**: Faunal research in Sagamihara city

14:30 - 14:40  **M. Ishii**: Mark and re-capture research on *Planaeschna milnei*

14:40 - 14:50  **A. Suwabe**: What did the four-year route census elucidated? Surveys in “Oyama-kōchi”, Aikawa-machi, Kanagawa Prefecture

14:50 - 15:00  **M. Machida & M. Machida**: Conservation of dragonflies and their habitats in northern part of Minami-ashigara-shi, Kanagawa Prefecture

15:00 - 15:20  Coffee Break

**ICO Award honoring**
  Chair: H. Ubukata
  [Museum theater]

15:20 - 15:40

**Closing**
  Chair: K. Inoue
  [Museum theater]

15:40 - 16:00