



Orthoptera Special Interest Group (SIG) 2024

Wednesday 6 November, 12:00 – 17:00

Neil Chalmers Room, Natural History Museum, London

12:00 – 12:30 Registration with tea and coffee

12:30 – 12:40 Welcome and introductions

Session 1

12:40 – 12:55 **Ranjana Jaiswaram, Panjab University (online)**
Agonistic behaviour in male *Teleogryllus mitratus* (Orthoptera, Gryllinae)

12:55 – 13:10 **David Bennett, Christian Albrechts Universität zu Kiel**
Recent technological developments allow for passive acoustic monitoring of Orthoptera (grasshoppers and crickets) in research and conservation across a broad range of temporal and spatial scales

13:10 – 13:25 **Sarah Tucker, University of Hull**
Acoustic surveying of Bog Bush-crickets in Yorkshire

13:25 – 13:45 **Roger Hawkins**
Recording Orthoptera in South-West France

13:45 – 14:05 **Andrew Harvey**
Locust control in Afghanistan 2002 – 2005

14:05 – 14:25 Refreshment break

14:25 – 14:45 **Matthew J Morley, London South Bank University**
The median cusp in the mandibles of Acrididea

14:45 – 15:00 **Lewis Holmes, University of Lincoln**
The effects of nutrition on male dimorphism in the sylvan katydid *Satizabalus jorgevargasi*

15:00 – 15:15 **Benjamin Kennedy, Royal Veterinary College**
Report of detection and treatment of intestinal parasite gregarine in *Schistocerca gregaria* within an insect farming system

15:15 – 15:30 **Louise Coates, University of Bath**
Mechanism of Orthopteran host manipulation by nematomorph parasites using *Acheta domesticus* as a study model

15:30 – 15:50 Refreshment break

15:50 – 16:05 **Africa Gomez, University of Hull**
Do Dark Bush-crickets disperse by oceanic rafting?

| | |
|---------------|--|
| 16:05 – 16:20 | Md Niamul, University of Lincoln Advanced 3D printing of scaled insect ear |
| 16:20 – 16:40 | Peter Sutton The construction of a field guide |
| 16:40 – 16:5 | Luc Willemse, Naturalis Fieldguides and field courses to stimulate the study of grasshoppers |
| 16:55 – 17:00 | Closing remarks |

Convenors

- Darron Cullen: University of Hull
- Judith Marshal: Natural History Museum, London
- Ed Baker: Natural History Museum, London