



**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 (online)**  
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	<b>Md Niamul, University of Lincoln</b> Advanced 3D printing of scaled insect ear
16:20 – 16:40	<b>Peter Sutton</b> The construction of a field guide
16:40 – 16:5	<b>Luc Willemse, Naturalis</b> Fieldguides and field courses to stimulate the study of grasshoppers
16:55 – 17:00	Closing remarks

## **Convenors**

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