



XX Congreso Ibérico de Mirmecología

TAXOMARA 2026 Móstoles

PROGRAM

Wednesday – July 8, 2026

08:45 - 09:15 - Reception for participants at Departmental Building II, Rey Juan Carlos University, Móstoles Campus



https://maps.app.goo.gl/TKisb79RNjumC5y7A?g_st=aw

09:30 - 10:00 - Opening of the Congress in the Departmental Hall II

10:00 - 10:45 - **Opening presentation**

- Neuroethology as a tool for understanding invasions - Iago Sanmartín Villar

11:00 - 11:30 - Coffee break and poster presentation

11:30 - 12:30 - **Presentations and talks. Session 1: Ethology and behavioural ecology**

- Effect of stress on learning process in exotic and native ants - Naroa Paula Andrés Pareja & Iago Sanmartín Villar
- Stress transmission and buffering in native and invasive ants - Paula Centeno Medina, Violette Chiara & Iago Sanmartín Villar
- Cooperative transport in the invasive ant *Anoplolepis gracilipes* - Carmen Gil Hoed, Susanne Foitzik & Luisa Jaimes Niño
- Autoecology and nest-founding strategies in *Cataglyphis iberica* - F.Javier López Ballesta, David Sánchez Fernández & Diego Gil Tapetado

12:45 - 13:00 – Pausa



XX Congreso Ibérico de Mirmecología

TAXOMARA 2026 Móstoles

13:00 - 14:00 - Presentations and talks. Session 2: Community ecology

- Beneath the Caatinga: subterranean ant communities along a precipitation gradient - [Juan Pascual-Gil](#), Xavier Arnan, Geraldo Nascimento, Inara Leal, Francisco M. Azcárate, Xim Cerdá
- A decade of monitoring grassland ant communities along a Mediterranean elevational gradient - [Sebastián E. López-Pérez](#), Francisco M. Azcárate & Javier Seoane Pinilla
- Ant community shifts following donkey grazing in permanent grasslands and shrublands of the Meseta Ibérica Transboundary Biosphere Reserve - Camila Lourenço Lima, Maiara Fianco, Marina Castro & [María Villa](#)
- Ant communities across contrasting mountain habitats: permanent grasslands and shrublands in Montesinho Natural Park - [Camila Lourenço Lima](#) & María Villa

14:00 - 15:30 - Lunch break

15:30 - 16:30 - Presentations and talks. Session 4: Taxonomy, biogeography and diversity

- A new species of *Camponotus* (Myrmecotoma) associated with eucalyptus stands in southern Iberia - [Joaquín L. Reyes-López](#), Francisco Jiménez-Carmona & Ahmed Taheri
- Two new native ant species for the Iberian Peninsula (Hymenoptera: Formicidae) - [Amonio David Cuesta-Segura](#), Fede García & Xavier Espadaler
- From Madrid to DC: Ants of the US West Coast from the point of view of a European myrmecologist - Sergio Ibarra
- When color misleads: basic concepts of ant morphometrics and a case study of the Iberian *Temnothorax exilis* group - Javier Arcos



XX Congreso Ibérico de Mirmecología

TAXOMARA 2026 Móstoles

16:30 - 17:15 - Coffee break and poster presentation

17:15 - 18:30 - Presentations and talks. Session 4: Ecological interactions and food webs

- Ants shape the phyllosphere microbiome and drive tree health - [Daniel Sánchez-García](#), Irene Stefanini, Ádám Lőrincz, Gema Trigos-Peral, Luca Pietro Casacci, Piotr Ślipiński, Istvan Elek Maak, Tadeusz Malewski, Tomasz Oszako & Magdalena Witek
- Ants, pines, and pine processionary moth: a case study in the Sierra de Guadarrama - [Francisco M. Azcárate](#), Mariola Silvestre & Javier Seoane Pinilla
- Tritrophic interactions triggered by ant-tenders - [Alba Lázaro-González](#), Gemma Calvo, María Pérez-García & Elena Valdés-Correcher
- Aphid-ant mutualisms in urban green areas of the city of Valencia - [Alice Casiraghi](#), Víctor Moreno-González, Nicolás Pérez Hidalgo & Xavier Espadaler
- Who does eat ants? - [Xim Cerdá](#), Daniel Sánchez-García, Javier Retana & Elena Angulo



Sesión de Pósteres

- Ant Hunters 2025– Ants from natural and urban areas in Spain - [Elena Angulo](#), Gema Trigos-Peral, Xim Cerdá & Daniel Sánchez-García
- Legacy effects of *Eucalyptus* cultivation on ant diversity and ecosystem functioning in tropical montane ecosystems - Bruno Henrique Silva Mayrink Tatiana Cornelissen, Bruno Moreira, Pablo Cuevas-Reyes, Walisson Kenedey Siqueira & [Marcilio Fagundes](#)
- Claustal energy balance rather than initial queen mass drives colony founding success in *Messor barbarus* - Abderrahmane El Boukhrissi, [Ahmed Taheri](#), Bilal El Ajjouri, Nard Bennas, Abdelkhalek Belkhiri & Joaquín L. Reyes-López



XX Congreso Ibérico de Mirmecología

TAXOMARA 2026 Móstoles

- Ant communities across Mediterranean mountain forests: seasonal and habitat-related patterns in Montesinho Natural Park - Camila Lourenço Lima, Diogo Angélico, Marina Castro & María Villa
- Non-native ants of the Iberian Peninsula: a 2025 update - Javier Arcos, Diego López-Collar, Mattia Menchetti, Matthew T. Hamer, Matvey Logachev, Tomás Pinto, Angel Rosado
- Male dispersal phenology and wing venation polymorphism in two Iberian species of the *Aphaenogaster sardoa* group (Hymenoptera: Formicidae)- Sergio Ibarra



Thursday – July 9, 2026

07:45 - 08:00 - Meeting point for participants at the URJC student café, Móstoles Campus



<https://maps.app.goo.gl/CLdTYaHLDtcJEPTu8>

09:00 - 10:30 - First stop: Gypsum area in Aranjuez. Free sampling in the area

12:00 - 13:50 - Second stop: Puerto del Robledillo, San Pablo de los Montes. Free sampling in the area

14:30 - 16:45 - Third stop: Chapel of Santa María de Melque. Lunch and free time to explore the area

16:50 - 18:00 - End of sampling and return to the URJC campus



XX Congreso Ibérico de Mirmecología

TAXOMARA 2026 Móstoles

Friday – July 10, 2026

09:30 - 10:30 - Ant identification workshop in laboratory (Laboratories II – Classroom 201)

10:30 - 11:00 - Break for breakfast

11:00 - 13:00 - Ant identification workshop in laboratory

13:00 - 14:00 - Break for lunch

14:00 - 15:00 - Ant identification workshop in laboratory

15:00 - 15:15 - Closing session of the 20th Iberian Congress of Myrmecology – Taxomara 2026 (Departmental Hall II)

15:15 - AIM General Assembly (Departmental Hall II)

21:00 - Closing dinner

Taberna El Urogallo, facing the lake in Casa de Campo Park



<https://maps.app.goo.gl/gdFGRAXbdVZVzthh8>

