



The official newsletter of the Australian National Insect Collection

CSIRO NATIONAL RESEARCH COLLECTIONS AUSTRALIA
www.csiro.au



INSIDE THIS ISSUE

The Director's Introduction.....	1
Welcome to Julian and the Specify Data Management Team	2
Vale James G. Lumbers 1986-2025.....	3
The new National Research Collections Facility.....	4
Thank you, and a happy retirement to David!	7
Congratulations to Dr Laurence Mound AO.....	8
Congratulations to Dr Rolf Oberprieler AM	9
Farewell to the D.F. Waterhouse Laboratory of Insect Taxonomy	10
<i>Australian Beetles Volume 3</i> published, launched, and awarded!.....	12
The 5th Combined Australian and New Zealand Entomological Societies Conference.....	13
Presenting Diversity to our ESQ friends.....	16
EIANZ Insects in Crisis Symposium 2025	16
Reconnaissance Field Trip to Mitchell Plateau, 2025 ...	17
Acquisition of the CSIRO Montpellier Collection	19
Grant Miller's butterfly collection coming to ANIC	20
Black soldier fly in SE Asia	21
Recent publications.....	22

The Director's Introduction

Andreas Zwick

The last ANICdotes newsletter dates back a whole year, which means lots of changes to be shared – some bad, many good and all noteworthy.

We are deeply saddened by the unexpected passing of James Lumbers. James studied bristle flies with passion, was enthusiastic about fieldwork, meticulous in his methods and awarded his degree by ANU. He is greatly missed!

We have been joined by Julian Hausner, who continues the development and up-scaling of our collection genomics workflows. This work underpins a lot of our taxonomic research and the National Biodiversity DNA Library (NBDL), launched publicly in November.

After many years as ANIC Director, David Yeates has returned as Honorary Fellow to refocus on his influential fly research – a big thank you to him for his years of work. His role as ANIC Director has been taken on by yours truly, who has a background in lepidopteran taxonomy and molecular phylogenetics.

We are very pleased that Laurence Mound, Rolf Oberprieler and Ian Naumann have been publicly honoured for their great lifetime achievements! Firmly on their path to fame

and hopefully fortune, Hermes Escalona and Adam Ślipiński have published the prestigious milestone compendium *Australian Beetles Volume 3*, which won a 2025 Whitley Award.

A big shout-out to the NRCA's Data Management Team, including Olivia Evangelista de Souza, for migrating ANIC's specimen records to the new



Andreas Zwick

Specify Collection Management System, ending our years in limbo. But the Dumbo in the room is the official re-opening of ANIC at the Diversity building launch in August. It is great and crucial step to make ANIC fully operational again, and my thanks go to everyone involved, but the Collection Management Team and Federica Turco in particular!

The most awesome aspects of the new building aren't its famed looks and automatic doors, but the greatly improved specimen safety and expansion space. It enables us to properly arrange and curate the collection, and to develop it strategically: The acquisition of CSIRO's Montpellier Collection for biosecurity and biocontrol, the donation of Grant Miller's famous butterfly collection and ANIC fieldwork on Wunambal-Gaambera land in the Kimberley.

ANIC: www.csiro.au/en/Research/Collections/ANIC
ANICdotes for contact and subscriptions: [the ANICdotes home page](#)
BANNER: *Graphium macleayanus* image: [Biodiversity Heritage Library](#)

Welcome to Julian

Julian Hausner

Julian grew up in Germany and completed his Bachelor of Science in Chemistry at the Julius Maximilian University of Würzburg. During his studies, he became fascinated by the way chemistry, biology, and computing intersect to reveal how living systems function at the molecular level. This curiosity brought him to Australia, where he completed a Master of Applied Science (Research) at the University of Canberra, focusing on robotics and laboratory automation. Since then, Julian has specialised in developing high-throughput genomic workflows and integrating advanced robotic systems. He is excited to bring his passion for biodiversity and genomics to ANIC and the National Biodiversity DNA Library (NBDL).



Meet the Specify Data Management Team

Olivia Evangelista

Between 2022-2023, as ANIC staff prepared to relocate our physical specimens, we were concurrently working to transfer our digital records from the legacy database Biolink to Specify, through the reinstated Collection Management System migration enterprise. The four main NRCA collections were slated for migration, with ANIC and the Herbarium joining the process after the Fish and Wildlife collections were completed in 2022.

This was a significant effort that brought together data managers, collection and technology experts into a large multidisciplinary team, resulting from strong collaborative ties between the National Research Collections Australia and Information Management and Technology teams. During the migration phase, the team conducted extensive analyses to assess and map eligible data onto the Specify framework. During this process, we reviewed our data framework, applied important transformations to enhance data capture and accuracy, and refined how we record data to meet emerging business needs. Data were pooled from multiple Biolink instances and standalone spreadsheets, with over 350,000 records migrated into Specify.

While some digital initiatives were paused during the busiest period of the physical move into the new building, we have now resumed business as usual. This includes ensuring core staff are fluent in Specify processes. We have trained the ANIC curators and have already made excellent progress in establishing new workflows for bulk data upload, issuing loans, and querying data for various purposes.

We now have a modern system to manage CSIRO's valuable scientific specimen collections, providing advanced collection management capabilities, enhanced security, streamlined

data capture processes, controlled user access, and integrated reporting. The data management team includes Corinna Paeper, Dan Baker, and Zoe Warner. Olivia Evangelista joined the gang from May 2025 through December 2025 to support ANIC during the transition phase, while Corinna is acting as Group Leader of the Digital Infrastructure team.

The first ANIC images have been uploaded to the [CSIRO Data Access Portal](#), thanks to the efforts of Nicole Fisher and the digitisation team; they are now accessible to external clients and linked to the corresponding Specify records. The data management team is currently finalising the pipeline for data export from Specify to ALA, which will be refreshed weekly, allowing a broader audience to access and engage with the ANIC data. Stay tuned for more updates on our progress in the digital space as we complete our first year of operations in the new facility!



L to R: Zoe Warner, Dan Baker and Olivia Evangelista

Vale James G. Lumbers 1986-2025

Keith Bayless

Former ANU and ANIC Diptera student James Lumbers passed away in September 2025. Some of you might have known him as a burgeoning expert on parasitoid tachinid flies. James started at ANIC as a volunteer in 2014 and progressed through his graduate studies, submitting his thesis on Rutiliini (Tachinidae) systematics in 2024. He contributed a great deal during his time at ANIC as a coauthor of five papers, spanning taxonomy, biological control, and alpine pollination ecology.

James was an intrepid field biologist and collected flies throughout Australia, including critical post-bushfire malaise trap samples. He collected specimens that have been designated as holotypes of at least six new species. Most of

all, James was a careful and engaged scientist who was always up for a deep dive into theoretical minutiae or an impromptu adventure. He will be greatly missed by all of us. Andreas Zwick gave a moving eulogy at James Lumbers' memorial in October 2025.

In lieu of flowers, his family has requested that donations be made to Beyond Blue Australia in his name. ANIC came together and 18 people already donated \$1200 total.

www.beyondblue.org.au

Our deepest condolences to his family, friends, and colleagues. Vale James.



Publications

Encinas-Viso, F., Bovill, J., Albrecht, D., Florez Fernandez, J., Lessard, B., Lumbers, J., Rodriguez, J., Schmidt-Lebuhn, A., Zwick, A., & Milla, L. (2022). Pollen DNA metabarcoding reveals cryptic diversity and high spatial turnover in alpine plant–pollinator networks. *Molecular Ecology*, 32 (23). 6377–6393.

doi.org/10.1111/mec.16682

Ang, Y., Lumbers, J. & Riccardi, P. (2023). A conspectus of Australian Apotropina (Diptera, Chloropidae) with the description of two new species. *ZooKeys*, 1187 (1). 261–299

doi.org/10.3897/zookeys.1187.108497

Encinas-Viso, F., Goodwin, E., Saunders, M., Florez Fernandez, J., Lumbers, J. & Rader, R. (2024). The missing links: Bee and non-bee alpine visitor observation networks differ to pollen transport networks. *Ecological Entomology*. 49 (1). 377–385.

doi.org/10.1111/een.13311

Roberts, I., Milner, R., Howland, B., Lumbers, J., Gilbert, M., & Smith, A. (2024). Effects of abiotic restoration through rock addition on invertebrate functional diversity in native temperate grasslands. *Restoration Ecology*. 32 (7).

doi.org/10.1111/rec.14192

Coates, J., Evans, M., Scheele, B., Encinas-Viso, F., Florez Fernandez, J., Lumbers, J. & Cunningham, S. (2024). Influence of climate, weather and floral associations on pollinator community composition across an elevational gradient. *Oikos*. 2024 (e10688).

doi.org/10.1111/oik.10688

The new National Research Collections Facility—Diversity!

Andrea Wild

Our new collections building opens its doors!

In August, we celebrated a major milestone for ANIC with the official opening of Diversity, our new National Research Collections Australia facility.



Welcome to Diversity!

Located on the traditional lands of the Ngunawal People in Canberra, Diversity brings together three of Australia's most significant biodiversity collections:

- Australian National Insect Collection
- Australian National Wildlife Collection
- the ethanol collection of the Australian National Herbarium

This achievement marks the end of a remarkable journey:

- 10 months co-designing the building with architecture firm Hassell
- 2 years of construction
- 9 months relocating millions of specimens – including 2.4 million moths and butterflies and more than 7 million beetles

The launch welcomed more than 160 guests and media, including Ngunawal Elders Wally Bell and Tyrone Bell, Chief Scientist Professor Tony Haymet, Senator David Pocock, Australian Academy of Science CEO Anna-Maria Arabia, key



Cutting the ribbon! Left to right: Lisa Burns, Wally Bell, Toni Moate, Doug Hilton and Federica Turco



Photograph supplied by Hassell

departmental stakeholders, and Member for Canberra Alicia Payne. We also unveiled two new books:

- *Wild Collections* by Andrea Wild
- *Australian Beetles Volume 3* by Hermes Escalona and Adam Slipinski.

Driving Scientific Discovery

Diversity safeguards more than 13 million irreplaceable biodiversity specimens collected over 150 years, ensuring their preservation for future science. The facility features:

- temperature-controlled vaults that are bushfire- and pest-resistant
- new genomics laboratories
- cutting-edge digitisation facilities to unlock and share more data than ever before, linking physical specimens to digital platforms worldwide.

As CSIRO Chief Executive Dr Doug Hilton said: “This work contributes directly to the national interest. It informs biosecurity actions, climate resilience strategies, and land management activities. It helps us answer one of the most pressing questions of our time: How do we protect biodiversity in a changing world?”

At ANIC, we look forward to welcoming scientists and collaborators from around the globe and continuing to inform and inspire research for generations to come.

Diversity was jointly funded by CSIRO and the Department of Education through the National Collaborative Research Infrastructure Strategy (NCRIS).



Top left: Overlooking Diversity's entry foyer from the main stairs. Photograph supplied by Hassell

Top right: Andrea Wild with her newly-released book, *Wild Collections*.

Bottom left: The post-opening celebrations taking place in the communal tearoom

Bottom centre: The ANIC curation space, with desks for staff on the left and anterooms leading to the vaults on the right. Photograph supplied by Hassell.

Bottom right: The day of the launch provided an opportunity for several tours of Diversity and the collections held within the building.



Top left: The best meeting spot in the building! The level 3 ANIC Curation space boasts an amazing view. Photograph supplied by Hassell

Right: An opportunity to chat, graze, and admire the new space inside Diversity.

Bottom left: Inside the main ANIC vault - a vast amount of space to grow into! Photograph supplied by Hassell

Bottom centre: Lisa Burns (NCMI Operations Manager) and Toni Moate (NCMI Director) embracing at the opening



Thank you, and a happy retirement to David!

Keith Bayless

On 28 November 2025 a farewell event was held celebrating the career and retirement of ANIC Director, David Yeates, and also the retirement of Australian National Wildlife Collection Director, Leo Joseph. David will, of course, continue on in ANIC as an Honorary Fellow.

David started in ANIC as the Diptera research scientist in 2000, Schlinger Curator of Diptera since 2004, and the Director since 2011. His tenure saw great technological strides in imaging, sequencing, and digitisation of the collection. He has been the advisor of many PhD students and postdocs, several of which were in attendance at the event. A close colleague and fellow fly luminary, Dr. Brian Wiegmann (North Carolina State University), spoke about David's contributions to the field. Several of Dr. Yeates's articles are required reading for students of fly evolution and systematics in general.



Anthony Whalen introducing the event for the retirement of both Leo Joseph (ANWC) and David Yeates (ANIC). Photo by Claudio Cipriani.

Dr. Yeates's strength in training new entomologists and pragmatic leadership also contributed to the oversight and planning of the Diversity building where ANIC is currently housed.

As thanks for his contribution to both ANIC and the fly world, ANIC pooled together gifts to help set David off in his new avocations: enjoying fine food and wine, playing with his dogs, and exploring in his new ute. We are grateful for all who came to celebrate the bright future David helped ANIC realise.



A pre-recorded Dr. Brian Wiegmann spoke of David's contributions to the fly world. Photo by Claudio Cipriani.



Olivia Evangelista and Keith Bayless present David with his retirement gift. Photo by Claudio Cipriani.

Congratulations to Dr Laurence Mound AO

Bonnie Koopmans

In the 2025 Australia Day Honours, Dr Laurence Alfred Mound has been appointed an Officer of the Order of Australia (AO), in recognition of his distinguished service to scientific research into the identification and biology of plant feeding insects.

Laurence is a world-leading authority on thrips and has described over 640 species and 90 genera, with over 450 published journal articles. Laurence has shared his knowledge of the taxonomy, phylogeny and biology of thrips worldwide through biosecurity and agricultural identification workshops both within Australia and abroad. His broader contributions to entomology include editing *Myrmecia* (1999–2004), having published multiple children's books on insects, and being an early adopter of Lucid keys (and still producing more—see publications on [page 23](#)).

Laurence's career initially took him to Nigeria and Sudan, before returning to the UK for a position at the British Museum of Natural History, where he remained for 30 years—11 of which were spent as the head of the entomology department. Laurence had achieved a lifetime's worth of work even before

setting foot in Australia, and he hasn't ever stopped! In 1995, he moved to Canberra as a McMaster Fellow—a bequest to support distinguished international scientists to further research in veterinary science or agriculture with CSIRO. Since 1996, he has been an Honorary Research Fellow with ANIC.

Laurence also received a Dr Kim Ritman Award in late 2024 for his contributions to Australian biosecurity, and an honorary fellowship from the Royal Entomological Society in 2021.

Congratulations to Dr Laurence Mound AO on a lifetime of achievement, formally recognised!



Dr Alice Wells, Dr. Laurence Mound and Governor-General, Her Excellency the Honourable Ms. Sam Mostyn AC



Dr. Laurence Mound and Governor-General, Her Excellency the Honourable Ms. Sam Mostyn AC

CONGRATULATIONS ADAM!

Adam Ślipiński received a 2025 Department of Agriculture, Fisheries and Forestry (DAFF) Biosecurity Commendation Certificate, for significant contributions to biosecurity preparedness and response through extensive research on native and exotic beetle species.

These certificates recognise individuals, groups and organisations that have demonstrated commendable impact, innovation or dedication. The certificates also acknowledge contributions to supporting and promoting Australia's biosecurity on a local or regional scale.

Adam was also named one of Australia's top 250 researchers by The Australian's 2026 Research magazine in the discipline of zoology.

Browse the list here: <https://www.theaustralian.com.au/special-reports/research-magazine/daniel-king-is-our-leading-researcher-on-addiction/news-story/2c4aeb1f6dac0c4a7805ba6c9c5a3783>

Congratulations to Dr Rolf Oberprieler AM

Deb Jennings



Dr Rolf Guenther Oberprieler has been appointed Member of the Order of Australia (AM) in the 2025 King's Birthday Honours List, recognising his outstanding contributions to entomology and insect systematics.

Rolf's career has spanned more than four decades, from his early years as Curator of Coleoptera at the Plant Protection Research Institute in South Africa to his long tenure as the inaugural Zimmerman Fellow in Weevil Systematics at CSIRO's Australian National Insect Collection. He is internationally regarded as a leading authority on weevils, having authored hundreds of scientific papers, major reference works such as the Australian Weevils monograph series, and co-editing the Diversity Special Issue Systematics and Phylogeny of Weevils volumes. His editorial roles across international journals, along with collaborations such as the 1K Weevils Project, highlight the global reach of his work.

In recognition of Rolf's contribution to entomology, he also received the J.O. Westwood Medal from the Royal Entomological Society in 2022.

This award is a fitting tribute to Rolf's dedication, expertise and passion for entomology, and we warmly congratulate him on this well-deserved honour.



Dr. Rolf Oberprieler with Governor-General, Her Excellency the Honourable Ms. Sam Mostyn AC

A NOTE FROM THE EDITOR

Hello! I'm Bonnie, and have been editing ANICdotes since November 2022. As I'm sure everyone AVIDLY awaits the arrival of ANICdotes in their inboxes twice a year, I wanted to thank you for your patience and apologise for the tardiness of this particular issue—which was originally meant to come out in October last year!

Regular scheduling (more or less) will recommence from here on out. Please feel free to get in touch with me if you have any questions, comments or suggestions for ANICdotes at bonnie.koopmans@csiro.au. I'd love to hear from you!



One of the more unusual photo stand-ins I've found

Farewell to the D.F. Waterhouse Laboratory of Insect Taxonomy

Bonnie Koopmans

Following the launch of Diversity in August, it was only fitting that we said a final farewell to 'old ANIC' - the three halls that had housed the collection and its inhabitants for over 40 years in the D.F. Waterhouse Laboratory of Insect Taxonomy.

The relocation to Diversity was an immense project, and it felt important to reflect on what we'd achieved and mark the occasion in some manner. The end of relocation resulted in halls totally devoid of both cabinetry and the familiar smell of naphthalene (after a deep clean), with even our long-misbehaving electric compactus system fully removed from the space. In November, we invited the broader ANIC community—current and former ANIC staff, students, the digitisation team, Honorary Fellows, volunteers, and members of the relocation team - to reminisce and celebrate. Wandering from the main foyer, through the empty halls and past old offices brought visitors to a display of historic items from Ye Olden Days of entomology, excavated from the Black Mountain Library archives by the wonderful Rob Birtles.

Alongside the physical display of microscopes, collecting gear and iconic 'ANICist' memorabilia was also a slideshow of photos from the long history of the Division of Entomology and ANIC, showing some current faces when they were much younger, and bringing back memories of those who have contributed to ANIC over the many years.

Former ANIC Collection Manager, Murray Upton, was able to join us for the day. Murray was heavily involved with the conception and planning of what would become the D.F. Waterhouse Laboratory in the 70s, with the building officially opened in 1982. It was a privilege to have him join us for the day and offer his perspective on the process of moving to a new building.

After the monumental task of relocating to Diversity, and the flurry of activity that has accompanied getting back to 'business as usual' after being largely closed to the external world for five years, the celebration of the Waterhouse Laboratory allowed us an opportunity to reminisce and reflect on the huge amount we have all achieved - both over the many years spent working in our previous home, and to set up in our new abode. A huge thanks to all who attended on the day, especially those who have moved to different employment and took time off work to join the celebrations.

Top: Curation staff Jaime, David, You Ning, Jollene and Graham in the cleared Compactus Hall with a slideshow ready to run and treasures on display from the Division of Entomology

Right: Staff of ANIC (old and new!), the digitisation team, the relocation team, honoraries, students and visitors were all well represented at the entrance to the D.F. Waterhouse Laboratory.





Top: David Yeates (former ANIC Director), Murray Upton (former Collection Manager) and Federica Turco (current Collection Manager); Bottom: Gatherings in compactus hall may be less recognisable without its namesake



Top: A literal slice of ANIC history! An opportunity to put a cockroach on the ceremonial cake topper couldn't be passed up. Bottom: Empty collection hall = space for shenanigans with Jaime, Lingzi and Bonnie. Do you recognise the former Coleoptera hall?



Australian Beetles Volume 3 published, launched, and awarded!

Deb Jennings

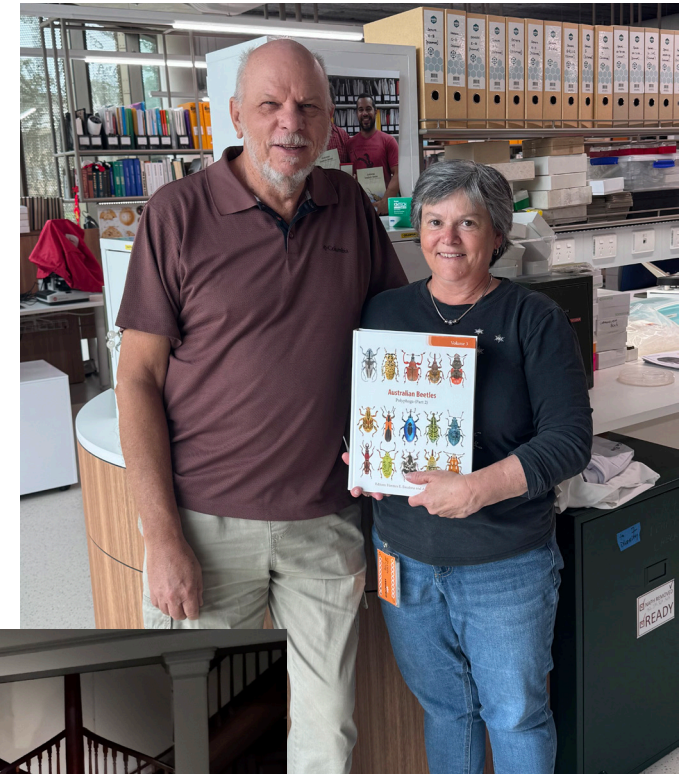
Australian Beetles Volume 3, edited by Hermes Escalona and Adam Ślipiński with major contributions from co-authors Rolf Oberprieler, Deb Jennings and many others, was published in April 2025. The book was officially launched on 14 August 2025, alongside the opening of the new Diversity Building and the release of Andrea Wild's *Wild Collections* book.

When John Lawrence and Adam Ślipiński first began the *Australian Beetles* series in 2013, they did not originally plan to include the weevils. However, as it became clear that continuing Elwood Zimmerman's *Australian Weevils* series (1991–2020) was no longer practical, the decision was made to integrate them into this broader project. The new volume brings together seven families of weevils along with part of the longhorn beetles. These groups that are not only critical for biosecurity and agriculture but also play vital ecological roles in pollination, biocontrol, and recycling plant material.

The contribution of the late Elwood Zimmerman deserves special recognition as well. Through the Zimmerman Trust, he generously funded the work of Hermes Escalona, James Bickerstaff, and Deb Jennings during the preparation of this volume, as well as Rolf Oberprieler's earlier contributions prior to his retirement in 2021. Beyond this financial support, Zimmerman left behind an extraordinary legacy of manuscripts, notes, keys, and exquisite illustrations that helped shape this volume and will continue to inspire and support future research.

Australian Beetles Volume 3 represents decades of accumulated knowledge, built on the dedication of the current team and the foundational work of those who came before.

Australian Beetles Volume 3 won the 2025 Whitley Award in the Zoological Taxonomy category. Despite a power outage halfway through the announcement, the award was successfully accepted on behalf of the team by Deb and James.



Above: Rolf Oberprieler and Debbie Jennings with the product of many years of hard work



Left: Deb and James' trip to the Australian Museum for the Whitley Award presentation night, interrupted by a power outage



Adam, Hermes, Lauren Ashman (author Ch 48) and James Bickerstaff (author Ch 45 & 46) with Beetles Volume 3 in the new ANIC curation space. Photo by Ying Luo

The 5th Combined Australian and New Zealand Entomological Societies Conference

James Bickerstaff

The 56th Australian Entomological Society Conference and 5th Australian and New Zealand Entomological Societies conference was held at the Australian National University in Canberra. The event was well attended by 290 registrants from every Australian state and New Zealand, including 100 students. Sarina Macfadyen, from CSIRO Agriculture and Food, convened the conference, and the organising committee was composed of ANIC scientist Keith Bayless, ANIC visiting scientists James Bickerstaff and Valerie Caron, Megan Head from the ANU, and Tara Murray from the New Zealand Department of Conservation. The conference logo was designed and illustrated by ANIC Hymenoptera technician Bonnie Koopmans. The conference theme, *Securing Our Future Together*, is wonderfully encapsulated by showcasing *Keyacris scurra*, Key's Matchstick Grasshopper, an endangered species found here in the ACT and illustrating the coming together of New Zealand and Australian entomologists, represented by the Auckland Sky Tower and Canberra's Telstra Tower, respectively.

The ANIC was well represented in the program across many symposia. Systematics and Taxonomy was at the forefront of what was showcased, with Keith chairing two sessions on the topic, and James chairing a session on taxonomic research funded by the Australian Biological Resources Study. In these sessions, Juanita Rodriguez unveiled the first known eyeless and brachypterous species of pompilid wasp, unlike any species in the family around the world. Keeping with the eyeless theme, Hermes Escalona presented on the Australian diversity of microphthalmic and anophthalmic weevils, wherein reduction or complete loss of eyes have been recorded across twenty-one genera of weevils. Moving to more visually adept insects, the Lepidoptera were championed by Michael Braby, presenting on the phylogeny and life history of the *Luciini* *Lycanidae* butterflies, and Mengjie Jin discussed the diversity

and phylogenetics of the Australian *Heliozelidae*. Turning to the flies, Keith Bayless presented on new diversity in the Australian *Ephydroidea* found through phylogenomics, and PhD student Muhammad Farooq highlighted his work on the dark taxa in *Mycetophilidae*—fungus gnats—in the Australian Alps.

Taxonomy, however, wasn't the only flavour offered at the conference by ANIC attendees. The utility of collections for exploring medically relevant compounds in insect specimens

was showcased by Daniel Dashevsky, developing methods to obtain venom composition data from honeybees collected up to 40 years ago. Mike Elias, CSIRO Liaison in DAFF, highlighted the challenge in identification of commonly intercepted arthropod taxa by diagnostic entomologists in Australia. Visiting Scientist Jurate De Prins chaired a symposium on insect-plant interactions and presented her work on co-evolutionary relationships between Australian *Gracillariidae* moths and their host plants. The importance of story telling for scientific communication was discussed by Andrea Wild,



The conference congregation on the ground of the ANU! Source: Myrmecia Vol 62, Pt 1, Feb 2026

communications advisor for the National Research Collections of Australia, illustrated with her newly published picture book *The Very Stinky Fly Hunt*, starring Keith Bayless.

The conference dinner was a resounding success, if I do say so myself. It was organised by Valerie, Tara, and James, and held at the Yacht Club on the banks of Lake Burley Griffin. The food and company were fantastic, however, what set this conference dinner apart from all others was the entertainment. Valerie had the brilliant idea of an arts and crafts night, where delegates would create their own species of insect with supplied materials. We were nervous that only a few people would participate, but we were instead absolutely delighted to see that every single person at every table was contributing to the group creation. We decided to make this a competitive event as well and to award prizes for a number of categories. The best storytelling prize went to Joshia Thia and group for regaling us about *Phantasma internationalis*, with its spectacular life history and Wolbachia infection. The (unofficial) ABRs best taxonomy prize went to a perfectly labelled holotype specimen that has been pre-acquisitioned for ANIC - unfortunately, after conferring the award, the type was lost before it could be deposited, and the name lost prior to

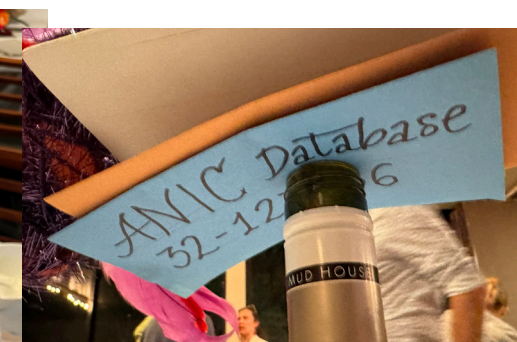
publication. If anyone sees something resembling this insect out in the wild, a new description is up for grabs... Lastly, the most creative species and ecology went to *Bgolis gzryi*, commonly known as Garry the Giant Party Snail and his friends - a peacock spider, a bald marmorated stink bug, a parasitic braconid, a mosquito, and a slightly inebriated nematode.

At the conclusion of the conference awards were awarded, and ANIC Honorary Research Fellow Ian Naumann received the 2025 Pat Marks Medal. This award is given every two years to a member of the society demonstrating excellence throughout the recipient's career. Ian was awarded for his long-term contributions to the Australian Entomological Society, the development of the Australian Plant Pest Database, the second edition of *The Insects of Australia*, work in Australian biosecurity and furthering our knowledge of Australian Hymenoptera diversity. I, and all of us here in the ANIC, congratulate Ian for this well-deserved award!

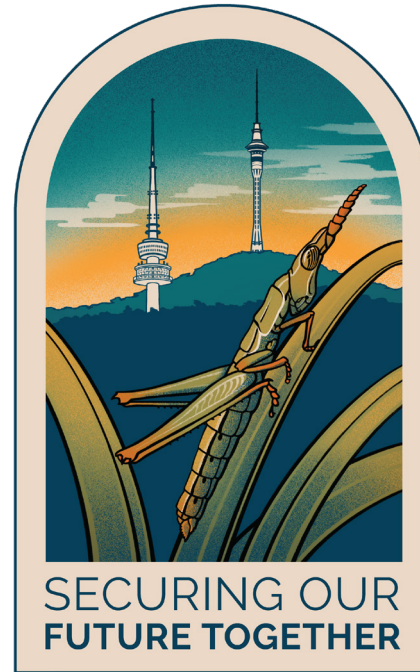
The conference isn't moving too far geographically for 2026, as it will be hosted by Macquarie University in Sydney. This will be the 57th Australian Entomological Society conference and will run between the 7th and 10th of December.



President Melinda Moir presents the 2025 Pat Marks Medal to Ian Naumann. Source: Myrmecia Vol 62, Pt 1, Feb 2026



The creativity of entomologists on display! Left to Right: *Bgolis gzryi*, aka. Garry the Giant Party Snail with friends, *Phantasma internationalis*, and the mysteriously missing ANIC type specimen, complete with pin and registration number!



Left: Friends and colleagues at the conference dinner. Photograph supplied by Federica Turco.

Right: The conference logo for 2025, featuring Key's Matchstick Grasshopper, Canberra's Telstra Tower and Auckland's Sky Tower was designed by ANICdotes editor Bonnie Koopmans :)

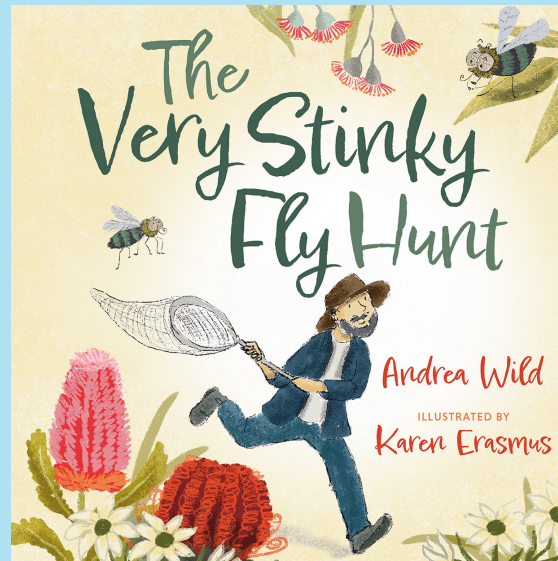
THE 5TH COMBINED AUSTRALIAN & NEW ZEALAND ENTOMOLOGICAL SOCIETIES CONFERENCE CANBERRA 2025

ANICDOTES HAS INSPIRED A CHILDRENS' BOOK!

An article by Keith Bayless in ANICdotes Issue 21 (page 8, November 2022) about the rediscovery of a rare endemic fly found in bat caves and public toilets served both as the catalyst for continuing research and for a childrens' picture book. *The Very Stinky Fly Hunt*, written by Andrea Wild from CSIRO Communications, and illustrated by Karen Erasmus, is now available through CSIRO Publishing and book stores. Pick up a copy to find out the wacky places *Clisa australis* has turned up since.

Available here! www.publishing.csiro.au/book/8180/

Right: Andrea, Keith, and the stinky flies captured within the collection!



Presenting Diversity to our ESQ friends

Federica Turco

Back in December 2024, I was able to give a partial presentation of our then-upcoming new National Collections Building at the Australian Entomological Society Annual Conference in Hobart. That presentation sparked interest and questions around the building. It also prompted dear friend and colleague Owen Seeman (Queensland Museum), current President of the Entomological Society of Queensland, to ask me to present more fully at the Society's September 2025 meeting.

With the launch of the Diversity building occurring on the 14th August (see pg 4 of this issue), in September I was free to share more information on our much-awaited new facility. Indeed, our friends from Brisbane had many interesting questions around the building, its design and construction as well as the monumental relocation process. A contribution summarising the nearly 1-hour presentation was published in the [ESQ Bulletin](#) (link valid only for ESQ members). It was great to be able to introduce the new facility to colleagues and collaborators in Brisbane, hoping many of them will be able to walk in it in a couple of weeks in the occasion of the 2025 AES annual conference in Canberra.



EIANZ Insects in Crisis Symposium 2025

Federica Turco

On 4th July, I had the chance to attend the EIANZ (Environment Institute of Australia and New Zealand Inc.) 2025 Insects in Crisis Symposium in Canberra. The Environment Institute of Australia and New Zealand put together a fantastic event to dig into what's happening with insect populations and how much we still don't know about them.

Cam Slatyer (Atlas of Living Australia) and I teamed up for a presentation on one substantial part of the problem: the lack of accessible data on insect species. Good data is the foundation for understanding species populations geographical distribution and their dynamics.

While Cam focused on the data currently available (or not) on the ALA, Federica delved into the example of the Australian National Insect Collection, the largest invertebrate collection in the country, yet one of the least digitised, with a wealth of metadata and information still to be made available to science.

Together, we highlighted the huge potential sitting in collections like ANIC, and why making them discoverable is essential for science-driven conservation. Better access to data will lead to new ways of exploring and using that data through modern technology.

The talk was well received and kicked off some great conversations. A few lucky attendees also got a sneak peek of the new Diversity building before its official launch. They thoroughly enjoyed the opportunity, which gave them an even deeper sense of the potential residing in our thousands of drawers, trays and jars.



Reconnaissance Field Trip to Mitchell Plateau, 2025

Hermes Escalona

Mitchell Plateau, called Ngauwudu by its traditional owners, the Wunambal Gaambera people, is a remote and ecologically rich part of Western Australia's Kimberley. Including the Unguu Indigenous Protected Area and the Mitchell River National Park, the area features rainforest patches, woodlands, wetlands, and plenty of wildlife. The insect life here is still

partly unknown because the wet season has made proper surveys tough. The most complete entomological field trip so far was done by ANIC scientists I.D. Naumann, T.A. Weir, and E.D. Edwards back in June 1988.

Between June 30th and July 10th, 2025, Andreas Zwick, David Yeates, and I went on a reconnaissance visit to work out how

future trips could study the plateau's insect diversity. Our trip began in Canberra, with a flight to Darwin, then a long drive to Mitchell Falls Campground, the main Ranger Station in the National Park. On the way, we bumped along rough roads and splashed through a few rivers, stopping for one night at El Questro Station.

When we finally arrived at Mitchell Falls Campground, we met with representatives from Wunambal Gaambera Aboriginal Corporation (WGAC) and Parks & Wildlife staff and went over the tricky logistics of organising a future trip during the rainy season. We also sorted out what permits we'd need from Traditional Owners.

Thanks to the support of Traditional Owners, rangers, and WGAC staff, we surveyed a variety of habitats and successfully collected a diverse range of insects using light traps, malaise nets, leaf litter samples, and bush beating techniques. As expected, there weren't huge numbers of insects in the dry season, but we still found some interesting species that are only found here. These finds



Jamal Goonack (Traditional Owner) and David Yeates (ANIC) installing a Malaise trap in a patch of deciduous rainforest



Daryl "Scoot" Williams (WGAC Unguu Rangers) and Hermes Escalona (ANIC) looking at creepy crawlies in the base camp.

gave us confidence that, during peak rainy season, a bigger expedition could reveal much more of the local insect life. We left knowing that a full-scale expedition during the high season is possible in the future.

Big thanks to Tom Vigilante (WGAC), Ash Walker (Department of Biodiversity, Conservation and Attractions), Traditional Owner Jamal Goonack and ranger Daryl "Scoot" Williams for their support and help during our trip. Thanks to CSIRO staff based in Darwin: Magen Pettit, Ellie Kosta and Jon Schatz for their help with logistics.

The use of images for this note has been approved by the WGAC. For more about the activities of the Wunambal Gaambera people and Country in the North follow them on [their Instagram account](#).



Left to right: Tom Vigilante, Andreas Zwick and David Yeates at the Mitchell Plateau.



The beautiful El Questro Gorge Walking Trail at El Questro Station

VISITORS AGAIN!

The official opening of Diversity saw us welcome many visitors to the collection—especially during the Canberra-based AES conference—after some long years of being closed to the external world. The Hymenoptera group were lucky to welcome both Thomas Wood and John Heraty to work on our bee and eucharitid specimens respectively in February. L to R: Juanita Rodriguez, Thomas Wood, John Heraty, Bonnie Koopmans and Ian Naumann



NEW ANIC BABY

Congratulations to Hermes and Natalie, who welcomed their second daughter to the world on 2 September 2025.

Hermes snuck in his field trip to the Mitchell Plateau just in time!



Acquisition of the CSIRO Montpellier Collection

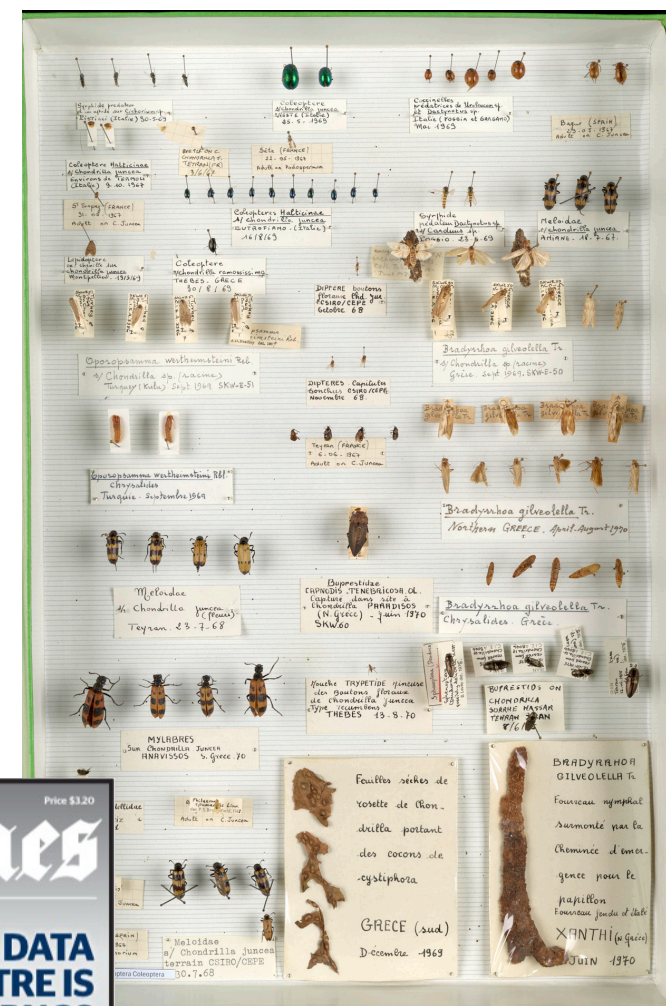
Graham Teakle

After the recent decommissioning of the CSIRO European Laboratory in Montpellier, France, ANIC has received 152 store boxes of insects to incorporate into the collection. During its 50+ years the European Laboratory conducted a wide range of research on pest and beneficial insects and other invertebrates. The collection contains over 17,000 specimens collected from throughout the Mediterranean area, including Europe, North Africa and the Middle East.

With co-funding from CSIRO and the Department of Agriculture, Fisheries and Forestry, Graham Teakle has been contracted to curate and incorporate the Montpellier collection into ANIC. Specimens are currently being digitised, having a photograph taken of them which includes all of their labels, and databased, and that information will become available online and be useful to people interested in biocontrol, biodiversity and biosecurity.

The biosecurity importance of the collection is already coming to light as Graham assesses its contents. Dozens of specimens of the exotic meadow spittlebug, *Philaeus spumarius* are represented, this being the main vector in Europe spreading devastating leaf scorch diseases caused by the bacterium *Xylella fastidiosa*. This exotic disease and its exotic vectors have been determined as the most significant National Priority Plant Pest currently threatening Australia.

Interesting biodiversity information is also available with extensive series of invertebrate herbivores collected from a variety of plants. In many instances their parasites and hyperparasites were also reared and retained, along with pupal skins or vegetation fragments. Many specimens belong to taxa originally described by early scientists such as Carl Linnaeus and Johann Fabricius, providing ANIC with examples of some of the earliest named species with which to compare our native fauna.



Above: Insects collected from Skeleton Weed (*Chondrilla juncea*), during research into the biological control of the weed in Australia.

Far left: Graham in the collection vault with one of the 152 boxes of insects

Left: Mike Hodda and Graham made the front page of the Canberra Times! (17 November 2025)



Grant Miller's butterfly collection coming to ANIC

Thekla Pleines

Charles G. Miller, who passed away in July last year at the age of 82, was a medical doctor by profession. But in his free time, Grant Miller was one of the most prolific and passionate amateur butterfly collectors of his generation in Australia. Already forty years ago, it was clear to ANIC staff that Miller's collection would one day be a very valuable addition to our collection. The transfer of his collection to the ANIC was agreed to in writing, though the timing left open. In fact, Miller held onto his collection and continued expanding it until old age.

One of the peculiarities of Miller as a collector was that he only kept specimens that he himself had collected. Miller collected all over Australia and strived to collect good series of each taxon. Many taxa of which the ANIC has no or only few specimens are represented in Miller's collection by a dozen or more meticulously set specimens.

In May, You Ning Su, Andreas Zwick and I travelled to Lennox Head to pick up the collection. You Ning and I took a small

rental truck to Lennox Head, via inland New South Wales because of flooding the days before. In Lennox Head, we met with Andreas at the house of Grant's widow, Barbara. Barbara and her grandson Jarrah welcomed us into the house and showed us the room in which Grant had worked on his collection. The collection itself was held in two dark wooden cabinets with doors and 40 drawers each, as well as six more modern cabinets with 14 drawers each. The move of the cabinets into the truck went smoothly.

You Ning and Andreas drove the precious freight back to Canberra, where we unloaded the cabinets together. The drawers went into the freezer shipping container with the help of other ANIC staff, and after two weeks we received the drawers into our anteroom. Merinda Campbell and Mei Yang from the Digitisation team kindly took high quality images from the original drawers. After that, You Ning and I started transferring the specimens to ANIC drawers, and after eight weeks, that work was done.



The collection consists of roughly 22,000 specimens of beautifully set butterflies from all over Australia. It contains large numbers of very rare butterflies, which Michael Braby pointed out to us. From the collection dates we could see that Grant Miller sometimes had to return to an area several times over years to get these impressive numbers of specimens of rare species.



An example of the meticulously precise layouts of Miller's collection



Cabinets snugly strapped in for the drive to Canberra

The Miller Collection now fills three of our new cabinets and will be kept together at least for several years, allowing us to showcase Miller's work and dedication.

Above: Left to right, Jarrah, Andreas, Barbara and You Ning in Grant's collection room

Black soldier fly in SE Asia

Ian Naumann

In 2025, Ian Naumann snuck away from most of the Canberra winter, to spend time in South-East Asia where it was the warm, monsoonal wet season. During this time, for a week in August, he tagged along with his wife, Dr Pheophanh Soysouvanh of the National University of Laos, on a richly aromatic, small-group tour of recycling and waste collection facilities in Thailand. The expert-guided, exclusive tour (not available through standard, escorted-tour companies) was part of a project involving universities in Thailand, Vietnam and Lao PDR and promoting the use of black soldier flies [*Stratiomyidae: Hermetia illucens* (Linnaeus)] in the recycling of organic waste.

The black soldier fly is widely distributed globally (including Australia) and is of great interest because of the ability of

its larvae to convert urban and agricultural, organic waste into fertiliser and food for poultry and fish. The fly has also attracted the attention of biotech entrepreneurs as a source of precursor, industrial compounds. The entomological tourists in Thailand saw production models for the flies ranging from enormous vats at recycling centres (not recommended for after-lunch viewing) and small, multi-tray units that can be deployed at the back door of a restaurant, at a fresh produce market, or on a farm. The basic technology for utilising black soldier flies is well established, but challenges include identifying the “best” strains of flies for particular situations, optimising larval substrates, reducing noxious smells, and stimulating interest in urban and rural communities.

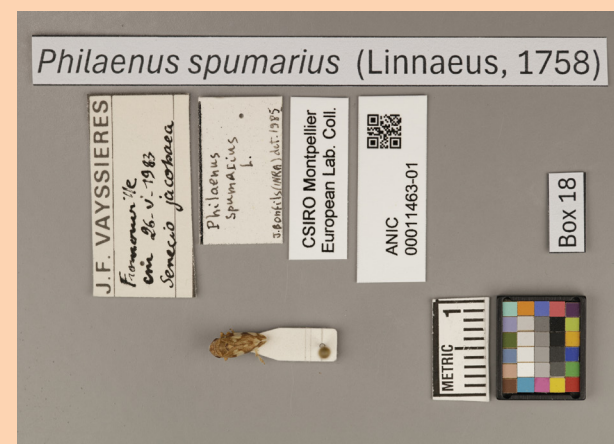
Right: Units for rearing larvae of black soldier fly on a small scale. The units (covered in black, wire mesh) can be located in urban situations or on a farm, close to the source of organic waste. Photo taken at recycling centre near Bangkok, Thailand.

Far right: Black soldier fly larvae, recycling centre near Bangkok, Thailand. Part of a production model in which the organic waste is brought in bulk to the flies.



MONTPELLIER CRITTERS

The work Graham is undertaking with the Montpellier collection includes imaging and databasing many of the 17,000 specimens—a mammoth task! These are a couple of the highlights so far: the spittlebug *Philaenus spumarius*, being one of the ~4,200 species originally described by Linnaeus, and the endlessly handsome longhorn *Purpuricenus budensis*.



Recent publications

Bickerstaff, J.R.M., Jordal, B.H. & Riegler, M. (2025) Biogeography and social family structure contribute to cryptic genomic divergence in the only obligate eusocial beetle species, *Austroplatypus incompertus* (Curculionidae: Platypodinae). *Molecular Ecology*, 34 (22) e70076 <https://doi.org/10.1111/mec.70076>

Braby, M.F. (2025) Review of larval food plant associations of the Agaristinae (Lepidoptera: Noctuidae) in Australia. *Austral Entomology* 64 (2) (e70010): 1–17. <https://doi.org/10.1111/aen.70010>

Braby, M.F. (2025) Seasonal polyphenism of larvae of *Hypochrysops ignitus* (Leach, 1814) (Lepidoptera: Lycaenidae) in the Australian monsoon tropics. *Australian Entomologist* 52 (4): 157–162.

Braby, M.F. (2025c) Larval variation in *Erina gilesi* (M.R. Williams & Bollam, 2001) (Lepidoptera: Lycaenidae). *Australian Entomologist* 52 (4): 163–165.

Braby, M.F., Beaver, E.P. & Herd, C. (2025) New distribution and larval food plant records of the Bright Forest-blue (*Paradipsas cephenes* (Hewitson, 1874)) from eastern Australia. *North Queensland Naturalist* 55: 85–87.

Braby, M.F., Hsu, Y.-F., Lin, Y.-C. & Lin, W.-C. (2025) Novel host plant shifts in the subtribe Aporiina: a review of non-Santalales larval food plants, and use of Phyllanthaceae by *Delias henningia* Eschscholtz, 1821 (Lepidoptera: Pieridae) in the Philippines. *Journal of Natural History* 59 (45–48): 2645–2656. <https://doi.org/10.1080/00222933.2025.2583951>

Braby, M.F., Pierce, N.E. and Lohman, D.J. (2025) Molecular phylogeny of the tribe Luciini (Lepidoptera: Lycaenidae): systematics and life history evolution. *Systematic Entomology* 50 (3): 519–539. <https://doi.org/10.1111/syen.12667>

Braby, M.F. (2025) ICE2024: International Congress of Entomology: Reflections of a visit to Japan and Taiwan. *Moths and Butterflies Australasia Inc. Newsletter* 7: 2–7.

Braby, M.F. (2025) 2nd MABA Event 2025. *Moths and Butterflies Australasia Inc. Newsletter* 8: 11–12.

Braby, M.F. (2025) Obituary. David Franklin Crosby (12 January 1930–24 July 2024). *Moths and Butterflies Australasia Inc. Newsletter* 8: 15–18.

Braby, M.F. (2025) Moths and Butterflies of Australia (MABA). 2nd MABA Event and 3rd Annual General Meeting 2025. *Myrmecia* 61(4): 11–12.

Byrne, C., Kallies, A. & **Braby, M.F.** (2025). Taxonomic Expertise in Australasian Lepidoptera. *Moths and Butterflies Australasia Inc. Newsletter* 8: 2–3.

Cartwright, D.I. & **Wells, A.** 2025. Revision of the Polycentropodidae of Australia (Insecta: Trichoptera). Part I. The genus *Polyplectropus* Ulmer, 1905. *Zookeys* 5666(4): 567–576. <https://doi.org/10.11646/zootaxa.5666.4.6>

Castro-Vargas, C., Oakeshott, J.G., Yeap, H.L., **Lacey, M.J.**, Lee, S.F., S.J. Park, Taylor, P.W. & Pandey, G. Associations between diurnally varying male volatile emissions and allochrony in 2 sibling fruit fly species (Diptera:Tephritidae). *Journal of Insect Science*, 2025, 25(4):2;ieaf068 <https://doi.org/10.1093/jisesa/ieaf068>

De Prins, J., Hartley, D., Sruoga, V., **Nicholls, J., Wallace, J. & Zwick, A.** (2025) Diversity of Australian Ornixolinae (Lepidoptera: Gracillariidae) with taxonomic and nomenclatural acts within the related taxa (Acrocercopinae and Gracillariinae) based on the evidence of museomics, bionomics, and mitogenomics. *Zootaxa* 5616 (1): 001–340. <https://doi.org/10.11646/zootaxa.5616.1.1>

Edwards, R.J., Chen, S.H., **Halliday, B.** & Bragg, J.G. (2025) Small but mitey: A gapless telomere-to-telomere assembly of an unidentified mite with a streamlined genome. *Genome Biology and Evolution*, 17 (2), 1–10. <https://doi.org/10.1093/gbe/evaf023>

Hsiao, Y., & **Oberprieler, R.G.** (2024) An integrative taxonomic and phylogenetic approach reveals a new genus of Australasian Cycas-pollinating weevils (Coleoptera: Curculionidae: Cossoninae). *Zoological Journal of the Linnean Society*, 202 (2), 1–22. <https://doi.org/10.1093/zoolinnean/zlad190>

Hsiao, Y., & **Oberprieler, R.G.** (2025) Integrative taxonomy of the cycad-associated weevils of the *Tranes* group, with a revision of *Tranes* Schoenherr, a key to all taxa and an assessment of host specificity in the group (Coleoptera: Curculionidae: Molytinae). *Invertebrate Systematics*, 39 (2), 1–55. <https://doi.org/10.1071/IS24078>

Hsiao, Y., & **Oberprieler, R.G.** (2025) A report of four weevil species (Coleoptera: Curculionoidea) with issues related to the “Shiraki Collection”. *Formosan Entomologist*, 45 (1), 1–9. [http://doi.org/10.6662/TESFE.202502_45\(1\).001](http://doi.org/10.6662/TESFE.202502_45(1).001)

Hsiao, Y., Kojima, H., **Oberprieler, R.G.**, & Dao, H. T. (2025) *Endaeus inexpectatus* sp. nov. (Coleoptera: Curculionidae: Curculioninae): a new potential pest of *Annona squamosa* in Vietnam. *Annales zoologici*, 75 (1), 399–410. <https://doi.org/10.3161/00034541ANZ2025.75.1.019>

Jin Z.Y., Liu, S., Kundrata, R., & **Ślipiński, A.** (2025). A revision of the endemic Australian genus *Rousia* Calder (Coleoptera: Elateridae) with description of a new species. *Annales Zoologici*, 75(1): 97–112 <https://doi.org/10.3161/00034541ANZ2025.75.1.008>

Koo, J.-M., De Prins, J., De Prins, W. & Cho, S. (2026) Phylogeny and ecological diversity of Palaearctic Coleophoridae (Lepidoptera: Gelechioidea). *Systematic Entomology*, 51(1), e70029. <https://doi.org/10.1111/syen.70029>

Katzke, J., Hita Garcia, F., Lösel, P.D.[...] **Rodriguez, J.** et al. (2026) High-throughput phenomics of global ant biodiversity. *Nature Methods* 23, 663–672. <https://doi.org/10.1038/s41592-026-03005-0>

Latty, T., Koch, H., Reid, C.A.M. & **Bickerstaff, J.R.M.** (2026) Feeding ecology of Australian Christmas beetles (Coleoptera: Scarabaeidae: Rutelinae): Implications for conservation and habitat management. *Austral Entomology*, 65(2), e70059. <https://doi.org/10.1111/aen.70059>

Leong, J.V., Matos-Maraví, P., Núñez, R., Nunes, R., Liang, W., **Braby, M.F.** et al. (2025). Around the world in 26 million years: diversification and biogeography of pantropical grass-yellow *Eurema* butterflies (Pieridae: Coliadinae). *Journal of Biogeography* 52 (5) (e15107): 1–16.
<https://doi.org/10.1111/jbi.15107>

Leschen, R. & **Ślipiński, A.** (2025). Curiosity and Routine: Remarks on Roy Crowson and John Lawrence. *Annales Zoologici* 75(1): 1–8.
<https://doi.org/10.3161/00034541ANZ2025.75.1.001>

Li, X., Marvaldi, A. E., **Oberprieler, R. G.**, Clarke, D., Farrell, B. D., Sequeira, A., Ferrer, S. M., O'Brien, C. W., Salzman, S., Shin, S., Tang, T., & McKenna, D. D. (2024). The evolutionary history of the ancient weevil family Belidae (Coleoptera: Curculionoidea) reveals the marks of Gondwana breakup and major floristic turnovers, including the rise of angiosperms. *eLife*, 13, RP97752, 1–26.
<https://doi.org/10.7554/eLife.97552>

McKenna, D. D., Farrell, B. D., Marvaldi, A. E., **Oberprieler, R. G.**, & Li, X. (2024). Phylogenomics of palynophagous pine cone weevils (Coleoptera: Cimberidae) recovers the monophyly of Cimberidini and Doydirhynchini and reveals the paraphyly of *Cimberis*. *European Journal of Entomology*, 121, 435–442.
<https://doi.org/10.14411/eje.2024.047>

McKenna, D. D., **Oberprieler, R. G.**, Marvaldi, A. E., Brown, S. D. J., Charles, M. A., De Medeiros, B. A. S., Farrell, B. D., Leschen, R. A. B., Mermudes, J.-R. M., Orellana, K. S., Shin, S., Stals, R., & Li, X. (2025). Unravelling the evolution of mycetophagy and phytophagy in fungus weevils (Curculionoidea: Anthribidae): phylogenomic insights into Anthribinae paraphyly and tribal non-monophyly. *Systematic Entomology*, 50 (4), 697–691.
<https://doi.org/10.1111/syen.12674>

Mille, C., Cazares, S., Jourdan, H. & **Mound, L.A.** (2025) Biosecurity in a biodiversity hotspot: the case of the Thysanoptera Fauna of New Caledonia. *Advances in Entomology* 13(1): 1–47.
<https://doi.org/10.4236/ae.2025.131001>

Mirab-balou, M., **Mound, L.**, Goldarazena, A. & Şahin Negis, I. (2025) The Palaearctic genus *Belothrips* Haliday (Thysanoptera: Thripidae), with new synonyms and new combinations. *Zootaxa* 5631 (2): 387–394.
<https://doi.org/10.11646/zootaxa.5631.2.11>

Moraes, G.J., Castilho, R.C., Flechtmann, C.H.W., Demite, P.R. & **Halliday, B.** (2025) Progress in understanding the world mesostigmatic mites, with emphasis on the family Phytoseiidae (Acari: Mesostigmata). *Acarologia*, 65, 647–676.
<https://doi.org/10.24349/q3gy-1vyg>

Mound, L., Collins, D. & **Hastings, A.** (2025) Thysanoptera Britannica et Hibernica. A guide to British thrips. [Revised] Lucidcentral.org, Identix Pty Ltd, Queensland, Australia.
https://keys.lucidcentral.org/keys/v3/british_thrips/

Mound, L.A. & Minaei, K. (2024) Thysanoptera - Tubulifera Europaea - Thysanoptera-Phlaeothripidae Genera recorded from Europe. Lucidcentral.org, Identix Pty Ltd, Queensland, Australia.
https://keys.lucidcentral.org/keys/v4/thrips/tubulifera_europaea/

Mound, L.A. & Negis, I.S. (2024) Two enigmatic species epithets in the genus *Limothrips* (Thysanoptera, Thripinae). *Zootaxa* 5512 (4): 597–598.
<https://doi.org/10.11646/zootaxa.5512.4.9>

Mound, L.A. & Tree, D.J. (2025) Species confusion in the Australian inflorescence-living genus *Pseudanaphothrips* (Thysanoptera, Thripidae). *Zootaxa* 5696 (3): 425–436.
<https://doi.org/10.11646/zootaxa.5696.3.7>

Mound, L.A. & Tree, D.J. (2025) Intra-generic diversity in *Paracholeothrips*, an Australian genus of domicile building phlaeothripine Thysanoptera on *Acacia phyllodes*. *Zootaxa* 5719 (1): 139–145.
<https://doi.org/10.11646/zootaxa.5719.1.9>

Mound, L.A. & Tree, D.J. (2026) Species diversity among Thysanoptera—Phlaeothripinae in phyllode galls on *Acacia fasciculifera* (Fabaceae), including one new species. *Zootaxa* 5752 (4): 531–537.
<https://doi.org/10.11646/zootaxa.5752.4.5>

Mound, L.A. & **Wells, A.** (2025) Feeding and sexual enigmas in Darwin's titan thrips (Thysanoptera, Phlaeothripidae). *Australian Entomologist* 52 (4): 149–155.

Nel, W. J., Barnes, I., Jali, S., Impson, F., **Oberprieler, R. G.**, & Hurley, B. P. (2025) First report of *Melanterius inconspicuus* (Lea) (Coleoptera: Curculionidae: Cleogonini) in KwaZulu-Natal, South Africa, with observations of its development in black wattle. *Southern Forests*, 87 (4), [1–6].
<https://doi.org/10.2989/20702620.2025.2537823>

Ng, Y.F., **Wells, A.** & **Mound, L.A.** (2025) Thrips (Insecta: Thysanoptera) from the Tama Abu Range, Sarawak. *Andalasian International Journal of Entomology*, 6 (2) 89–96.
<https://doi.org/10.25077/aijent.3.2.89-96.2025>

Pop, C., Terry, I., **Mound, L.** & van der Kooi, C. (2025) Tiny but significant: on the importance of thrips as pollinators. *Annals of Botany* 136 (4): 669–682.
<https://doi.org/10.1093/aob/mcaf069>

Prena, J., Hsiao, Y., & **Oberprieler, R. G.** 2023. New combinations and synonymies in the weevil genus *Lyterius* Schönherr (Coleoptera, Curculionidae), with a conspectus of historical works on Daldorff's Sumatran beetles. *Zootaxa*, 5380 (1), 26–36.
<https://doi.org/10.11646/zootaxa.5380.1.2>

Rentz, D.C. & **Su, Y.** (2025) New cockroaches from Far North Queensland, Australia (Blattodea: Ectobiidae: Blattellinae; Pseudophyllodromiinae). *Zootaxa*, 5696 (1), 41–62.
<https://doi.org/10.11646/zootaxa.5696.1.3>

Rodriguez, J., Austin, A.D. & Marsh, J.R. (2026) The first known troglomorphic, eyeless spider wasp (Hymenoptera: Pompilidae): *Troglopompilus miracaecatus* gen. et sp. nov. from the Nullarbor Caves, Western Australia. *Austral Entomology*, 65(2), e70061. <https://doi.org/10.1111/aen.70061>

Ślipiński, A. & Leschen, R. (2025). Celebrating the 90th birthday of John F. Lawrence. *Annales Zoologici* 75 (1).

Ślipiński, A., Ren, D. & **Zhou, Y-LZ.** (2025). Cretaceous fossils of Dermestidae (Coleoptera) and their phylogenetic placement. *Annales Zoologici* 75(1): 153–166. <https://doi.org/10.3161/00034541ANZ2025.75.1.010>.

Stenhouse, A., Thrall, P.H., Paris, C., Reeson, A., Lepschi, B., Fisher, N., **Turco, F.**, **Rodriguez Arrieta, J.**, Schmidt-Lebuhn, A. & Toms, E. (2025) A vision of human–AI collaboration for enhanced biological collection curation and research. *BioScience*, 75 (6): 457–471 <https://doi.org/10.1093/biosci/biaf021>

Turco, F. (2025) A New Home for the Australian National Insect Collection: The Journey to “Diversity”. *Bulletin of the Entomological Society of Queensland*, 53(6), 98–105.

Wells, A. & Cartwright, 2025. Revision of the Australian genus *Stenopsychodes* Ulmer (Stenopsychidae: Trichoptera). *Memoirs of Museum Victoria* 84: 89–126. <https://doi.org/10.24199/j.mmv.2025.84.03>

Wragg, S.A., & **Braby, M.F.** (2025). Systematics and phylogenetic relationships of the Australian Agaristinae (Lepidoptera: Noctuidae) based on morphology, including a revised checklist of the subfamily. *Records of the Australian Museum* 77 (3): 137–173. <https://doi.org/10.3853/j.2201-4349.77.2025.1911>

Yang G. & **Ślipiński A.** (2025). A Review of the genera of Australian Mordellini (Coleoptera: Mordellidae). *Annales Zoologici* 75(1): 283–328. <https://doi.org/10.3161/00034541ANZ2025.75.1.012>

Zhao, W., **Ślipiński, A.**, Ruan, YY., Ren, D. & Wang, YJ. (2025). *Cretoathous* gen. nov., a new Click Beetle (Coleoptera: Elateridae:

Dendrometrinae) from Mid-Cretaceous Burmese Amber. *Annales Zoologici* 75(2): 455–474. <https://doi.org/10.3161/00034541ANZ2025.75.2.004>

Australian Beetles Volume 3 Chapters

<https://doi.org/10.1071/9781486314546>

Oberprieler, R.G., **Jennings, D.** & **Escalona, H.E.** (2025) 37. Superfamily Curculionoidea Latreille, 1802. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Escalona, H.E., **Jennings, D.** & **Oberprieler, R.G.** (2025) 38. Nemomychidae Bedel, 1882. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Escalona, H.E., **Jennings, D.** & **Oberprieler, R.G.** (2025) 39. Anthribidae Billberg, 1820. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Escalona, H.E., **Jennings, D.** & **Oberprieler, R.G.** (2025) 40. Belidae Schoenherr, 1826. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Escalona, H.E., **Jennings, D.** & **Oberprieler, R.G.** (2025) 41. Attelabidae Billberg, 1820. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Escalona, H.E., **Jennings, D.** & **Oberprieler, R.G.** (2025) 42. Caridae Thompson, 1992. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Escalona, H.E., Wanat, M., **Jennings, D.** & **Oberprieler, R.G.** (2025) 43. Brentidae Billberg, 1820. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Escalona, H.E., **Jennings, D.** & **Oberprieler, R.G.** (2025) 44. Curculionidae Latreille, 1802. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Bickerstaff, J.R.M., Kent, D.S., **Oberprieler, R.G.**, **Jennings, D.** & **Escalona, H.E.** (2025) 45. Curculionidae: Platypodinae Schuckard,

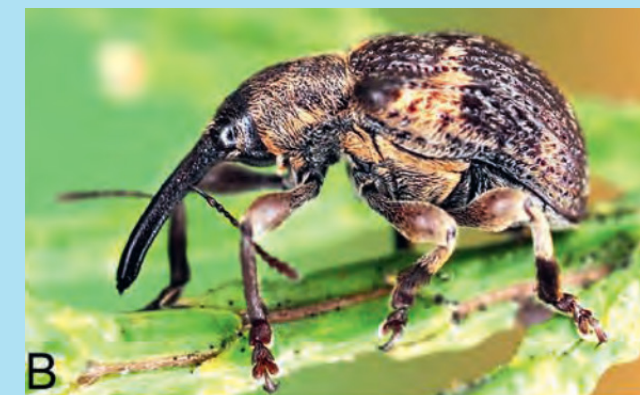
1840. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Bickerstaff, J.R.M., Smith, S., Cognato, A., **Oberprieler, R.G.**, **Jennings, D.** & **Escalona, H.E.** (2025) 46. Curculionidae: Scolytinae Latreille, 1806. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Ślipiński, A., de Keyzer, R. & **Escalona, H.E.** (2025) 47. Cerambycidae Latreille, 1802. *Australian Beetles Volume 3: Polyphaga (Part 2)*. CSIRO Publishing.

Ślipiński, A., **Ashman, L.G.**, de Keyzer, R. & **Escalona, H.E.** (2025) 48. Cerambycidae: Lamiinae Latreille, 1825. *Australian Beetles Vol 3: Polyphaga (Part 2)*. CSIRO Publishing.

WEEVIL WINDUP



The most fashionable vehicle around! *Car* sp., (Caridae), as photographed by Rolf Oberprieler in Canberra. Unlike most other weevils, the antennae of this family lack the typical ‘elbowed’ (geniculate) structure. Potential names for future species surely includes *nival*, *cass* and *occident*. Featured in *Australian Beetles Volume 3*, pg. 491.