



**The wishbone spiders of Eastern Australia (Mygalomorphae: Anamidae: *Aname*): A workflow for the description of 40+ new species in one year.**

Jeremy D. Wilson (University of Western Australia and Western Australian Museum); Leigh W. Simmons (University of Western Australia); Mark S. Harvey (Western Australian Museum and University of Western Australia); Michael G. Rix (Queensland Museum).

The wishbone spiders of the genus *Aname* (Anamidae) have radiated across the Australian tropical and arid zones, and, along with another Australian arid-zone specialist group *Idiosoma* (Idiopidae), represent some of the most diverse genera of mygalomorph spiders (trapdoor spiders and relatives) in the world. Estimates based on collections and molecular datasets suggest 250+ species of *Aname* across the continent, of which 48 were described at the commencement of our revisionary project in late 2022. Revising such diverse genera inevitably comes with challenges including a legacy taxonomy, pronounced sexual dimorphism, and the workload of producing images and descriptions. In year one of the project we focused on tropical/sub-tropical eastern Australia, documenting and describing 40+ new *Aname* species from this region. During this time, we developed a workflow for expediting large revisionary works on mygalomorph spiders without compromising quality, and this will be refined over the coming years as it is applied to the centre of *Aname* diversity, in Western Australia. In this talk I will highlight the strategies we have employed to increase our rate of species description during the revision of the eastern *Aname* in year one of our project, and the plan going forward to revise the remaining fauna.

Jeremy Wilson: [jeremydwilson91@gmail.com](mailto:jeremydwilson91@gmail.com)