

Here is a list of poster abstracts that have been received and are provisionally accepted. Final acceptance requires registration to be completed by 8 January 2019.

Student posters are marked with an asterisk. If your poster has not been labelled as a student poster and should be, please contact us at ICA2019NZ@gmail.com with "student poster" as the subject.

Albín *et al.* – Standard metabolic rates in a Neotropical burrowing wolf spider with sex role reversal

Albo *et al.* – Deceptive worthless nuptial gifts: the role of resource availability, sexual selection and individual differences

Audisio & Mikheyev – Evolution of the venom system in spiders

Baggett & Brown – Movement patterns and home range size of two species of riparian-zone wolf spider

*Beleyur *et al.* – The architecture, dynamics, and silk investment in social spider webs

*Chamberland & Stafstrom – Untangling the evolutionary and biogeographic history of Old World net-casting spiders (Family: Deinopidae)

*Deutsch – Deception & manipulation: Argyrodinae spiders as a parasite and host

Dippenaar-Schoeman *et al.* – Red List of South African spiders: an end-product of the South African National Survey of Arachnida

Engelbrecht *et al.* – The Baboon Spider Atlas: mapping tarantula diversity in southern Africa with citizen science

Fet *et al.* – Revision of the *Mesobuthus caucasicus* complex from Central Asia (Scorpiones: Buthidae)

*Fischer *et al.* – Spider women talk – Females of the cob-web spider *Steatoda grossa* adjust their web architecture and web pheromone titer in response to mate competition

*Gainett *et al.* – From eggs to longlegs: Embryonic development and staging of the harvestman *Phalangium opilio*

García *et al.* – Investigating the poly-paraphyly of North American camel spiders (Solifugae: Eremobatidae: Therobatinae) and their unique moveable palpal spines

Gavish-Regev *et al.* – Below or above-ground? Where are the closest relatives of troglobite *Tegenaria* species?

Gonnet-Cendán *et al.* – Testing the occurrence of sexual size dimorphism in Allocosinae species from Uruguayan grasslands

Jones & Cushing – Morphology of male abdominal ctenidia in North American Camel Spiders

Koponen – Spider assemblages at two well-studied localities in southern (60°N) and northern (70°N) Finland

Laino *et al.* – Is it worth having an adequate energetic state so as to detoxify a pesticide?

Laudier – Silver, gold and copper staining: Histochemical applications for arachnid neural tissue

*MacDougall *et al.* – Species delimitation of New Zealand Neopilionidae (Opiliones) based on COI sequence data

*Machado *et al.* – Taxonomic revision of the Australian crab spider genus *Stephanopis* O. Pickard-Cambridge, 1869 (Araneae: Thomisidae)

*Machado *et al.* – Shaking the tree of the bark crab spiders: Phylogeny of the Neotropical *Stephanopis* species reveals a new genus and revalidates *Paratobias* (Araneae: Thomisidae)

Malumbres-Olarte *et al.* – CEBRA – Optimised and standardized sampling protocols for citizen science

McGinley *et al.* – Hunger influences behavior but not outcome in male-male contests of *Servaea incana* jumping spiders

Mitchell *et al.* – Under the trapdoor: Unravelling the phylogenetic relationships and phylogeography of cork-lid trapdoor spiders, *Stasimopus* Simon, 1892 (Araneae, Mygalomorphae, Ctenizidae) in the Karoo

Montes de Oca *et al.* – Thermal preferences in seven species of Theraphosidae (Mygalomorphae): ecological implications

Ono *et al.* – The spider fauna of Myanmar (Arachnida, Araneae), a prologue

Ridel *et al.* – Complementary of trait- vs diversity-based metrics in spider and carabid assemblages

*Privet *et al.* – New insights into the systematics of the “*Arctosa villica* group”, including observations on the halophilic species *A. fulvolineata*

Rao *et al.* – Reeling in the prey: Fishing behaviour in an orb web spider

Řezáč *et al.* – Neonicotinoid insecticides suppress the ability of spiders to re-colonise disturbed agroecosystems

Richardson *et al.* – A key to the genera of Australian jumping spiders (Araneae: Salticidae)

Ríos-Tamayo & Lyle – First systematic revision of the subfamily Anaminae (Mygalomorphae: Nemesiidae) in South Africa

*Robledo-Ospina & Rao – Colour fidelity in prey selection by an araneophagic wasp

Santibáñez-López *et al.* – Neglected no longer: Phylotranscriptomics and molecular modelling reveals venom homologs in Pseudoscorpiones and Palpigradi

Schaider *et al.* – Benzoquinones in eupnoan scent glands (Opiliones): homology vs. homoplasy in an exocrine system

*Segura-Hernández *et al.* – This smells... familiar? Learning of chemical cues in two sympatric species of amblypygid

Setton & Sharma – Differential gene expression approaches elucidate systemic effects of Wnt signaling inhibition during segmentation in the spider *Parasteatoda tepidariorum*

Setton *et al.* – Embryogenesis in a Colorado population of *Aphonopelma hentzi*, (Girard, 1852) (Araneae, Mygalomorphae, Theraphosidae), an emerging system for the study of spider development

Shigemiyama – Female genital mutilation in *Cyclosa confusa*

Silva de Miranda & Wood – Phylogeography of the Atlantic Forest amblypygids

Steele *et al.* – Chronoecology of the cave dwelling orb-weaver spider, *Meta ovalis*

*Steinhoff *et al.* – Lifestyle matters: Brain morphology in cursorial and stationary hunting spiders

Khichi & Sadia – Biological control potential of three *Pardosa* spider species against American bollworm (*Helicoverpa armigera*)

Tsurusaki *et al.* – Chromosomal hybrid zone showing heterozygote superiority in *Gagrellula ferruginea* (Opiliones)

Urfer *et al.* – Morphology, CO1, and ITS2 provide different specimen clusters in a widespread crab spider

Vink *et al.* – New Zealand Pirates: Evolutionary origins and diversity of Zealandia's mimetid spider revealed through morphology and molecular data

Xu *et al.* – Formation of rivers and mountains drive diversification of primitively segmented spiders in continental East Asia

*Yip & Tso – Can I borrow a "light"? Does firefly bioluminescence act as a visual lure on *Psechrus clavis* webs?

Yu *et al.* – Predator avoidance: bird dropping masquerading in a crab spider