

**A North American species of the genus *Sphecozone*
O. P.-Cambridge, 1870 (Araneae: Linyphiidae)**

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Introduction

Numerous species of *Sphecozone* are known from South America (Millidge, 1985, 1991), but hitherto the genus was thought to be absent from Central and North America. One species is now reported from Arizona, USA.

***Sphecozone magnipalpis*, new species (Figs. 1–4)**

Type: Male holotype from Santa Rita Mts., Madera Co., Arizona, 1900 m, 1–2 August 1952 (H. B. Leech and J. W. Green); deposited in Natural History Museum, California Academy of Sciences, San Francisco.

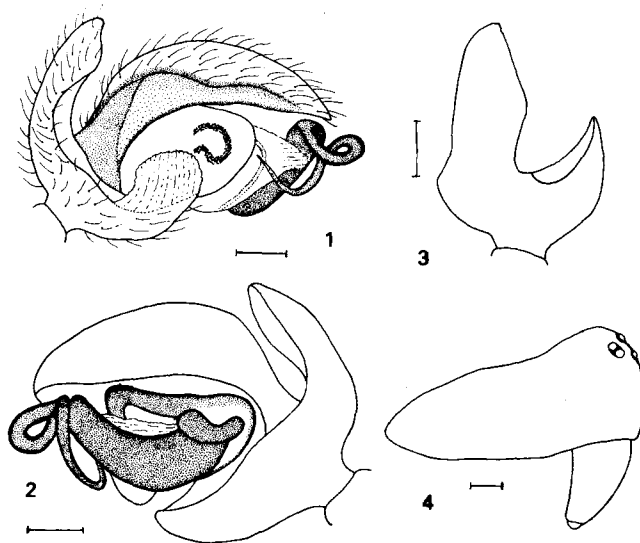
Etymology: The specific name is a Latin adjective meaning “with a large palp”.

Diagnosis: The male is diagnosed by the form of the palp. The tibia has large apophyses, the ectal one being laminar distally (Figs. 1, 3). As in all *Sphecozone* species, the palpal cymbium is hollowed on the ectal side and there is no paracymbium. The embolic division of the palpal organ has a long radical part with a short curved tail; the embolus arises from the anterior of the radical part and forms a short coil which runs to the ectal side of the organ (Figs. 1, 2). These palpal characters distinguish *S. magnipalpis* from all other known *Sphecozone* species. The female is unknown.

Male: Total length 1.80 mm. Carapace: length 0.90 mm; pale yellow, suffused with brown anteriorly, and with ocular area weakly suffused with black; profile (Fig. 4). Eyes: moderate in size, with posteriors *c.* 1.5 d apart. Chelicerae with lateral file. Abdomen black, fairly glossy,

clothed with short, pale-coloured hairs. Legs pale yellowish white, clothed with pale hairs; moderately stout, with tibia I 1/d 7. Tibiae I–III spineless, tibia IV with one weak spine; TmI *c.* 0.4, metatarsus IV without trichobothrium. Palp (Figs. 1–3): rather large relative to size of spider (tibia + cymbium *c.* two-thirds length of carapace).

Material: Only the holotype.



Figs. 1–4: *Sphecozone magnipalpis*, male. **1** Palp, ectal; **2** Palp, mesal; **3** Palpal tibia, dorsal; **4** Carapace, lateral. Scale lines = 0.1 mm.

Acknowledgement

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References

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