

***Apodrassodes mono* n.sp. from Brazil (Araneida: Gnaphosidae)**

**Hans-Georg Müller**

Institut für Allgemeine und Spezielle  
Zoologie der Justus-Liebig-Universität,  
Heinrich-Buff-Ring 29,  
D-6300 Gießen,  
Federal Republic of Germany

**Introduction**

Through the courtesy of Dr M. Grasshoff of the Senckenberg-Museum, Frankfurt, Germany (SMF), I have recently had the opportunity to examine specimens of a new species of *Apodrassodes* from Brazil.

Six members of this genus were previously known from South America (Platnick & Shadab, 1983).

***Apodrassodes mono*, new species (Figs. 1-4)**

**Types:** Male holotype, one male and three female paratypes from Nova Teutonia, Santa Catarina, Brazil (27°11'S, 52°23'W, about 1930, leg. F. Plaumann), deposited in SMF (holotype No. 34906, paratypes No. 34907).

**Etymology:** The specific name is an arbitrary combination of letters.

**Diagnosis:** *Apodrassodes mono* may be easily distinguished from the other known species of *Apodrassodes* by the characteristic form of the embolus and the structure of the epigynum and vulva. The species seems closest to *Apodrassodes guatemalensis* (F. O. P.-Cambridge, 1899) but males can be recognised by the thinner embolus and the short, bifid tibial

apophysis, females by the conspicuous large anterior excavation of the epigynum and the long epigynal scape.

**Male:** Total length (mm) 7.97, carapace 2.82 long, 2.62 wide. Femur II 2.5 long. Carapace and legs brown, abdomen brown to grey. Eye sizes and interdistances: AME 0.19, ALE 0.19, PME 0.16, PLE 0.15; AME-AME 0.10, AME-ALE 0.03, PME-PME 0.10, PME-PLE 0.16, ALE-PLE 0.1; MOQ length 0.44, front width 0.43, back width 0.40. Palp with embolus very long and narrow, wide at base; retrolateral tibial apophyses distinctly bifid; cymbium with short apophysis at base on retrolateral side (Figs. 1-2). Leg spination, ventral: Mt I-II 2-2-0, III-IV 2-2-2; Ti I-IV 2-2-2.

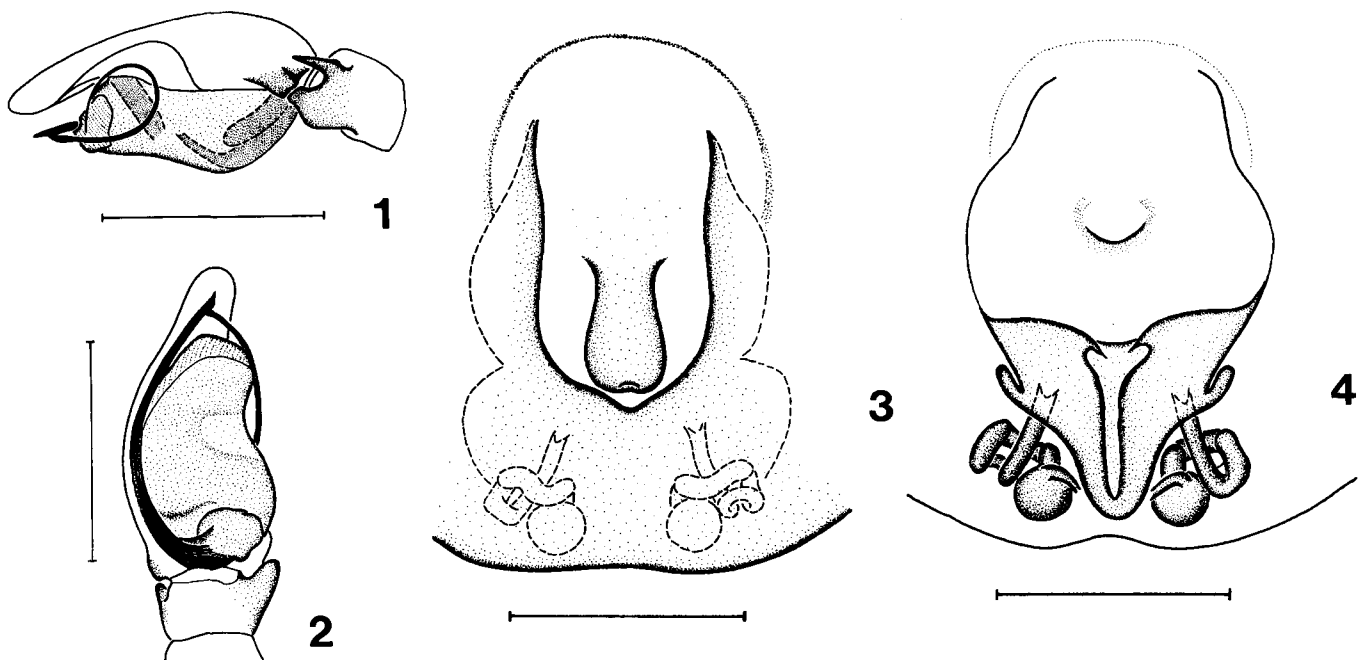
**Female:** Total length (mm) 6.6-9.76, carapace 2.82-4.09 long, 2.09-3.2 wide. Femur II 1.73-2.26 long. Coloration as in male. Eye sizes and interdistances: AME 0.19-0.21, ALE 0.19, PME 0.13-0.15, PLE 0.14-0.17; AME-AME 0.11-0.12, AME-ALE 0.02, PME-PME 0.10, PME-PLE 0.13-0.17, ALE-PLE 0.1; MOQ length 0.42-0.51, front width 0.41-0.47, back width 0.36-0.43. Epigynal scape long and narrow, spermathecae small (Figs. 3-4). Leg spination, ventral: Mt I 1-0-0, II 2-0-0, III 2-1-2 or 2-2-2, IV 2-2-2; Ti I-II 0-0-0, III-IV 2-2-2.

**Material examined:** Male holotype, one male and three female paratypes.

**Distribution:** Known only from Nova Teutonia, southern Brazil.

**Reference**

PLATNICK, N. I. & SHADAB, M. U. 1983: A revision of the Neotropical spider genus *Apodrassodes* (Araneae, Gnaphosidae). *Am.Mus.Novit.* 2763: 1-14.



Figs. 1-4: *Apodrassodes mono* n.sp. 1 Palp, retrolateral view; 2 Palp, ventral view; 3 Epigynum; 4 Vulva. Scale lines: 1-2 = 1 mm, 3-4 = 0.5 mm.