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Description of the male of *Architis catuaba* Santos & Nogueira, 2008 and new records of *Architis capricorna* Carico, 1981 (Araneae: Pisauridae)

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The genus *Architis* Simon, 1898 currently includes 21 described species distributed in the Neotropical region, from Panama to Argentina (Platnick 2012). Santos (2007b) provided the latest revision, describing eight new species and synonymizing *A. nitidopilosa* Simon, 1898 with *A. tenuis* Simon, 1898 (the type species of the genus), *A. suarez* Carico, 1989 with *A. cymatilis* Carico, 1981 and *A. paulistana* Mello-Leitão, 1917 with *Aglaoctenus lagotis* (Holmberg, 1876). Recently, three new species were described by Santos & Nogueira (2008) from the Amazonian region, in Northern Brazil.

In this work, the male of *Architis catuaba* Santos & Nogueira, 2008 is described and illustrated for the first time, from material collected in San Martín, Peru. Additional records of *Architis capricorna* Carico, 1981 are reported from Rio Grande do Sul, southern Brazil, extending the southern limits of its known distribution.

The material examined is deposited in Museu de Ciências e Tecnologia of Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre, Brazil (MCTP, A. A. Lise) and Museo de Historia Natural de la Universidad Nacional Mayor de San Marcos, Lima, Peru (MUSM, Diana Silva-Dávila). The nomenclature of the male and female genitalia follows Santos (2007a, b). For scanning electron microscopy (SEM), structures were excised, air-dried and mounted on stubs with double-sided adhesive tape. Specimens were sputter coated with gold and examined using a Philips XL 30 SEM microscope. The structures of the male palpi did not shrink or deform notably during the SEM process. Digital photographs were taken with a Sony W560 camera attached to a Zeiss Stemi SV6 stereomicroscope. All measurements are in millimeters. Maps showing the known localities were generated with the program Croizat version 1.16 (Cavalcanti 2009).

Abbreviations related to eye measurements: OQA = width of ocular quadrangle anteriorly, equivalent to the outer distance of anterior median eyes, OQP = width of ocular quadrangle posteriorly, equivalent to the outer distance of posterior median eyes, OQH = length of ocular quadrangle, equivalent to the outer distance of anterior median eyes and posterior median eyes, PLE = diameter of posterior lateral eye, PME = diameter of posterior median eye, ALE = diameter of anterior lateral eye, AME = diameter of anterior median eye, PLE-PME = distance between posterior lateral eye and posterior median eye, PME-PME = distance between posterior median eyes, ALE-AME = distance between anterior lateral eye and anterior median eye, AME-AME = distances between anterior median eyes.

Taxonomy

Pisauridae Simon, 1890

Architis Simon, 1898

Architis Simon 1898: 292 (type species by monotypy, *A. tenuis* Simon, 1898). Carico 1981: 140–141. Santos, 2007b: 4.
Sisenna Simon 1898: 292 (type species by monotypy, *S. helveola* Simon, 1898). Synonymised by Carico (1993).
Staberius Simon 1898: 293–294 (type species by monotypy *S. aculeatus* Simon (= *A. spinipes*). Carico 1981: 150. Synonymised by Santos (2007a).
Mimicosa Petrunkevitch 1925: 125 (type species by monotypy *M. spinosa* Petrunkevitch [= *A. spinipes*]). Synonymised by Santos (2007a).