

NEW SPECIES OF ODONATA FROM THE SOUTH-WESTERN UNITED STATES.

PART I. THREE NEW ARGIAS.

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The following new species of *Argia* have been in the writer's hands for three years awaiting such time as he might have to describe them. The specimens from the Museum of Comparative Zoology labelled *solita* were called to my attention by Dr. Calvert. I wish to thank Dr. Calvert and Dr. Banks for the privilege of describing these. After I had taken *hinei* at Fillmore, Calif., I found that Dr. Hine had taken it in Arizona and his material was in Mr. Williamson's hands awaiting description. I wish to thank Mr. Williamson for the privilege of describing these.

***Argia solita*, n. sp.**

Holotype.—Male in the Museum of Comparative Zoology, Cambridge, Mass., with the pin labels; "Arizona, C. U. Lot 35;" and "A. solita." The Cornell catalogue shows that this was purchased from H. K. Morrison in 1883, when it was probably sent to Hagen for identification.

A study of the penes shows this to be a near relative of *Argia agrioides*. Among my material of *agrioides* from California are specimens from Chico which have unforked humeral stripes and which in drying have turned partially violet, so this may be a badly faded, pale variety of *agrioides*.

Length of abdomen 26 mm., length of hind wing 22 mm.

Colour: labium creamy; entire face and head otherwise violet, except rear of head which is pale (creamy?). Eyes?

Prothorax violet with a small black spot on the side. Mesothorax and metathorax violet, shading to creamy below with a mid-dorsal black stripe one-sixth as wide as either mesepisternum. Humeral stripe a hair line and a similar black line on second lateral suture. Legs and feet pale with a narrow, external black stripe on the femur. Wings hyaline, pterostigma mounting but one cell and brown in colour.

Abdomen violet. Segments 1 and 2 without distinct markings except a lateral spot at apex of seg. 1 and a narrow, black ring around apex of seg. 2. Segs. 3-6 each with a narrow, black

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