

and the dimensions given above are based on 10 ♂ *pulla* S. Pedro Sula; 10 ♂ *frequentula* San Pedro Sula; 9 ♀ *pulla* Escuintla, 1 ♀ S. Lucia; 10 ♀ *frequentula*, Teapa.

Hab. (of *pulla*). MEXICO, Tepic [14 ♂], Sierra Madre, Presidio de Mazatlan, Guadalajara, Vera Cruz, Medellin, Iguala, Rio Balsas, Tepetlapa, as before (*antea*, page 79), Teapa [1 ♂, 2 ♀, only], Yurecuaro (*Calvert, coll. P. P. C.*: 1 ♂) in Michoacan; GUATEMALA, Livingston [1 ♀], Los Amates [1 ♂], Gualan [6 pairs + 152 ♂, 15 ♀], between El Rancho and Sanarate [1 ♂], Sanarate [5 ♂], Amatitlan [6 ♂, 2 ♀], Santa Maria [2 pairs + 5 ♂], Escuintla [97 ♂, 9 ♀], Santa Lucia [1 pair + 24 ♂], Mazatenango [11 ♂]; HONDURAS, San Pedro Sula [1 pair + 13 ♂, 2 ♀] (*Williamsons, Hine, colls. Wllmsn., O. S. U.*); NICARAGUA, Chinandega⁵ (*Baker, coll. P. P. C.*: 2 ♂), Chontales as before; COSTA RICA, Surubres [34 ♂, 11 ♀], Esparta [7 ♂] (*Biolley, coll. Kahl*), Jesus Maria [4 ♂], Rio Machuca [3 ♂] (*Biolley, colls. A. N. S., Wllmsn.*); PANAMA (as before), Chiriqui (*id.*).—VENEZUELA (*Appun*: 1 ♂, *xx?*: 1 ♂, both in *M. C. Z.*, types of Hagen¹).

Of the examples taken at Gualan, Mr. Williamson wrote: "Jan. 14, 1905. A common marsh species frequenting grass in sun and shade. This species associated with species marked A [= *Argia indicatrix*] which was very rare. In marsh between Gualan and village Sing Sing." He also records a male from Escuintla, Jan. 31, 1905, as "taken from spider's web."

Some specimens appear to be intermediate between *pulla* and *frequentula*. Thus a female from Jojutla, Morelos, Mexico (*Barrett, coll. P. P. C.*) has the colours of *pulla*, but the mesostigmal laminae are more elongated and more approximated (see Tab. X. fig. 22) and hence approach those of *frequentula*. Two females from Oaxaca (*Howard, U. S. N. M.*) with the colours of *frequentula* have the laminae less elongated, thus approaching *pulla*, and much the same condition exists in the females from Tepic (Tab. X. fig. 23). Of uncertain relationship are sixteen females (*Bruner, Cary, U. S. N. M.*) from Juan Viñas, Costa Rica, having the mesostigmal laminae as in *frequentula*, but having the hind prothoracic lobe pale, unmarked with black (both *pulla* and *frequentula* have some black marks thereon), the black mid-dorsal thoracic stripe distinctly narrowed in its lower fourth, the black humeral stripe consisting of a superior streak and a separate inferior line, or of a continuous line, which widens only at its extreme lower end, so that there is practically no black mesepimeral stripe.

8 (A). ***Argia frequentula***, sp. n. (Tab. IV. fig. 33 s; Tab. X. figg. 9–11.)

For description, dimensions, &c., see above under *A. pulla*.

Hab. MEXICO, Misantla, Atoyac, Teapa (38 ♂*, 34 ♀), Rio Cocula, Tehuantepec, Tolosa, as before, *antea*, page 79; GUATEMALA, Livingston [as before, and 5 ♂, 5 ♀], Puerto Barrios [1 ♂, 1 ♀], Sections 11 [1 pair + 6 ♂] and 13 [2 ♂] of Ferro Carril

* Some of the males enumerated from this and other localities on page 79, *antea*, as *pulla*, had lost their appendages and hence cannot now be distinguished as *pulla* or *frequentula*.