

the absence of regular pairs of spines beneath the tibiæ and protarsi of the first and second pairs of legs.

The seven genera recorded from Central America may be distinguished by the following characters:—

- AA. Posterior row of eyes strongly procurved . . . . . ECHEMUS, E. Sim.
- BB. Posterior row of eyes straight, or only slightly procurved.
  - A. Lower margin of fang-groove without a carina, either toothed or plain.
    - i. Lower margin of fang-groove armed with two teeth . . . . . DRASSODES, Westr.
    - ii. Lower margin of fang-groove either plain or armed with a single minute tooth.
      - a. Maxillæ almost straight, enlarged at the apex . . . . . BONNA, O. P.-Cambr.
      - b. Maxillæ strongly curved.
        - 1. Posterior row of eyes not, or scarcely, wider than the anterior row.
          - a\*. Posterior row of eyes widely distant from anterior row. Central posteriors two and a half diameters apart . . . CESONIA, E. Sim.
          - b\*. Posterior row of eyes close to the anterior row. Central posteriors scarcely one diameter apart . . . . . PROSTHESIMA, L. Koch.
        - 2. Posterior row of eyes much wider than anterior row. (Anterior centrals much larger than the laterals.) . . . . SCOTOPHÆUS, E. Sim.
  - B. Lower margin of fang-groove with a stout chitinous carina . . . GNAPHOSA, Latr.

## GNAPHOSA.

*Gnaphosa*, Latreille, Nouv. Dict. d'Hist. Nat. xxiv. p. 134 (1804).

*Drassus*, Walckenaer, Tabl. Aran. p. 45 (1805).

Type *G. lucifuga* (Walck.).

This genus, resembling in general appearance *Prosthesima*, is found all through the temperate regions and those bordering on the tropics, equally in Europe, Asia, Africa, and America. Only two species, one of which is remarkable for the long spiral spine attached to the palpal organs, have been observed in Central America, though numerous others doubtless occur there.

### 1. *Gnaphosa spiralis*, sp. n. (Tab. IV. figg. 18, 18 a-e, ♂.)

Type, ♂, in coll. Godman & Salvin.

♂. Total length 3 millim.

Carapace and legs bright orange-yellow, the former finely margined with black; abdomen clothed with mouse-grey pubescence, having in front a red-brown coriaceous area, its anterior margin fringed with long black hairs. For the figure of the palpal organs, eyes, &c., see Tab. IV.

*Hab.* GUATEMALA (*Sarg*).

A single adult male of this remarkable species has been received from Mr. Sarg.