



Fig. 19. *Plagiorrhamma sororcula* Lv.: g left stylus. — *Ellenia obscura* (Pop.): b claw from side. — *E. obscuricornis* (Pop.): c same. — *E. anuak* Lv.: d same. — *E. viridula* sp.n.: e claws. — *E. scutellaris* sp.n.: f vesica; g left stylus; h right stylus; i theca.

*Troitskiella* Pop.), *Schroederiella* Pop., *Stibaromma* Odh., *Cephalocapsus* Pop., *Chinacapsus* Wgn. and *Lindbergocapsus* Wgn. They form a natural group that originated in Africa apparently from *Psallus*-like ancestors. Radiation into the adjacent parts of the Palaearctic Region (the Macronesian islands and the Mediterranean Subregion) has taken place. *Ellenia* has a curious tropicopolitan range (two species are known from Madagascar, one from Formosa and one from South America).

#### Key to the African species

- 1 (2) Antennae totally black . . . . . *kilimana* (Pop.) (= *Psallus tenebrosus* ODHIAMBO 1959, p. 516–518, syn. n.) (East Africa, Ethiopia, Senegal, Nigeria)
- 2 (1) Antennae partly or totally pale . . . . . 3
- 3 (8) Upper surface completely pale, immaculate 4
- 4 (5) 1st antennal joint pale, with base and two middle spots dark, other joints dark, 2nd sometimes apically pale. Ocular index 1.74 (♂) or 2.1 (♀). 2nd antennal joint nearly as long as basal width of pronotum . . . . . *pallida* (Pop.) (East Africa)
- 5 (4) Antennae pale, at most with indistinct dark spots . . . . . 6
- 6 (7) Length 4 mm. Antennae whitish yellow. Fore and middle legs immaculate, hind femora with a few black spots in apical half, black dots of hind tibiae very small. Ocular index 3.0 (♀). 2nd antennal joint 0.9 × as long as basal width of pronotum . . . . . *hyal inipennis* Lv. (Sudan)
- 7 (6) Length 3 mm. Antennae pale yellow, 3rd joint yellow-brown. Legs with black spots. Ocular index about 2.5 (♂) . . . . . *unicolor* (Pop.) (East Africa, unknown to me)
- 8 (3) Upper surface with dark markings . . . . . 9
- 9 (14) 1st antennal joint black, with extreme apex pale (see also *guttata*), distinguished from the following species by the larger eyes, ocular index 1.82 . . . . . 10
- 10 (11) Prevailing colour black. Cuneus black, with only basal margin pale. Ocular index (♂♀) about 2.42–2.54. 2nd antennal joint about 0.67–0.7 × as long as basal width of pronotum . . . . . *obscura* (Pop.) (East Africa)
- 11 (10) Ground colour yellowish, with black spotting. Cuneus pale, at most with a few small dark dots in median margin . . . . . 2
- 12 (13) Apico-lateral angle of corium with a conspicuous black spot, dark spots of elytra × confluent. 2nd antennal joint 0.83 × as long as basal width of pronotum. Ocular index (♀) 2.18 . . . . . *simile* (Pop.) (East Africa)
- 13 (12) Apico-lateral angle of corium immaculate; elytra otherwise with sparse small dark dots. 2nd antennal joint 0.6–0.71 × as long as basal width of pronotum. Ocular index 2.0–2.36 (♂) or 2.0–2.82 (♀) . . . . . *obscuricornis* (Pop.) (= *Psallus labeculus* ODHIAMBO 1959, p. 518–521, syn.n.) (South and East Africa, Ethiopia)
- 14 (9) 1st antennal joint pale, with dark spots . . 15
- 15 (20) Pronotum and scutellum completely pale, yellowish or greenish . . . . . 16
- 16 (17) Large species, length 4.75 mm. 2nd antennal joint with about 6 black spots, 1.2 × as long as basal width of pronotum. Ocular index (♂) 1.87 . . . . . *picticornis* Lv. (Sudan)
- 17 (16) Small species, length < 4 mm. 2nd antennal joint shorter than basal width of pronotum, with at most extreme base and apex darkened . . . . . 18
- 18 (19) Eyes relatively large, ocular index 1.92–2.0 (♂) or 2.44 (♀). 2nd antennal joint 0.6–0.7 × as long as basal width of pronotum. Body broader. Colouring yellowish . . . . . *anuak* Lv. (Sudan)
- 19 (18) Eyes small, ocular index 2.28–2.3 (♂) or 2.74 (♀). 2nd antennal joint 0.9 × as long as basal width of pronotum. Body narrower. Colouring green . . . . . *viridula* sp.n.