

Fig. 20. Whole mounts of ligaments and arcua in femoral chordotonal organs.

a - arculum; c - ligament with a core; li - ligament; ma - extensor apodeme; t - tendon; ti - tibia; s - sclerotized plate inside the tendon. 11 - transversal plane; all others - in longitudinal plane. Scale bar 100 μ m (unitary line), 10 μ m (double line).

1 - *Meloe proscarabaeus*, 2 - *Lacon murinus*, 3 - *Bostrychus capucinus*, 4 - *Criocephalus rusticus*; 5 - *Larinus sturnus*, 6 - *Rhysodes sulcatus*, 7 - *Procerus tauricus*, 8 - *Scarites salinus*, 9 - *Zabrus spinipes*, 10 - *Anthia mannerheimi*, 11 - *Mantichora latipennis*, 12 - *Nebria livida*, 13 - *Tachys bistratus*, 14 - *Pheropsophus africanus*, 15 - *Peltodes caesius*, 16 - *Hygrobia tarda*, 17 - *Acilius canaliculatus*, 18 - *Gyrinus marinus*, 19 - *Byrrhus alpina*, 20 - *Ips sexdentatus*.

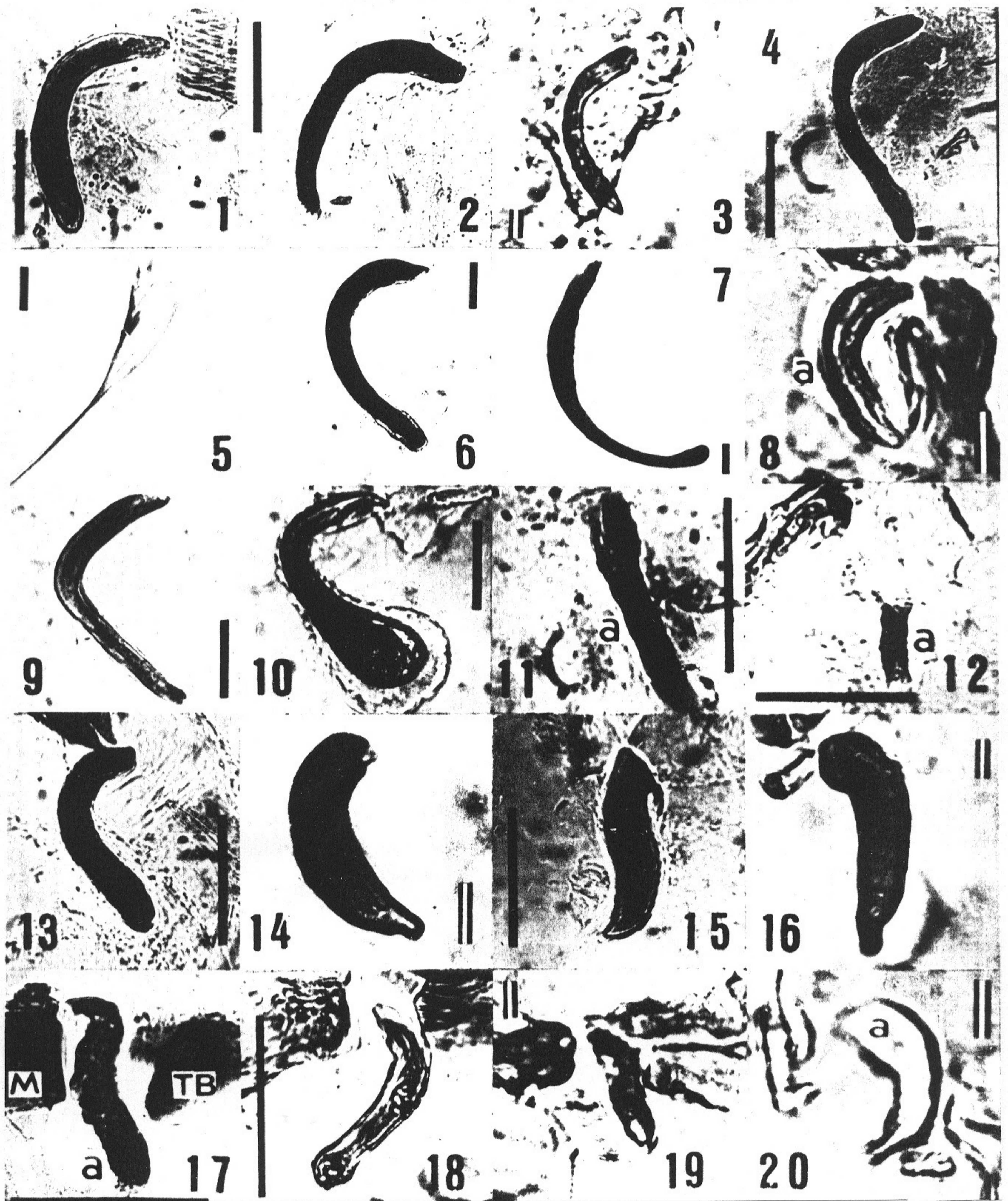


Fig. 24. Arcula and ligaments in Polyphaga.

a - arculum; TB - tibia; M - extensor tibiae; others see Fig. 20.

1 - *Lamprima varians*; 2 - *Dorcus parallelipedus*; 3 - *Leptaulax cyclotaenius*; 4 - *Trox eximius*; 5 - sclerotized part of the ligament from the tendon in *Scarabaeus transcaspicus*; 6 - *Pentodon idiota*; 7 - *Megasoma elephas*; 8 - *Pleurophorus caesius*; 9 - *Chlorota cincticollis*; 10 - *Dynamopus athleta*; 11 - *Polyphylla fullo*; 12 - *Amphicoma kuschakevitschi*; 13 - *Ancylochira novemmaculata*; 14 - *Trachys minuta*; 15 - *Tetralobus hopei*; 16 - *Heterocerus parallelus*; 17 - *Anatis ocellata*; 18 - *Bulaea lichatschovi*; 19 - *Tytthaspis 17-punctata*; 20 - *Platynaspis luteorubra*.