

Appendix

Figs 15–55.

Fig. 15. Intraspecific variation of male genitalia: *Tomosvaryella kuthyi*. – A–C: outer surstylus with phallus and phallic guide, lateral view, D–F: inner surstylus, lateral view, G–I: postabdomen, dorsal view, J–L: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 15.

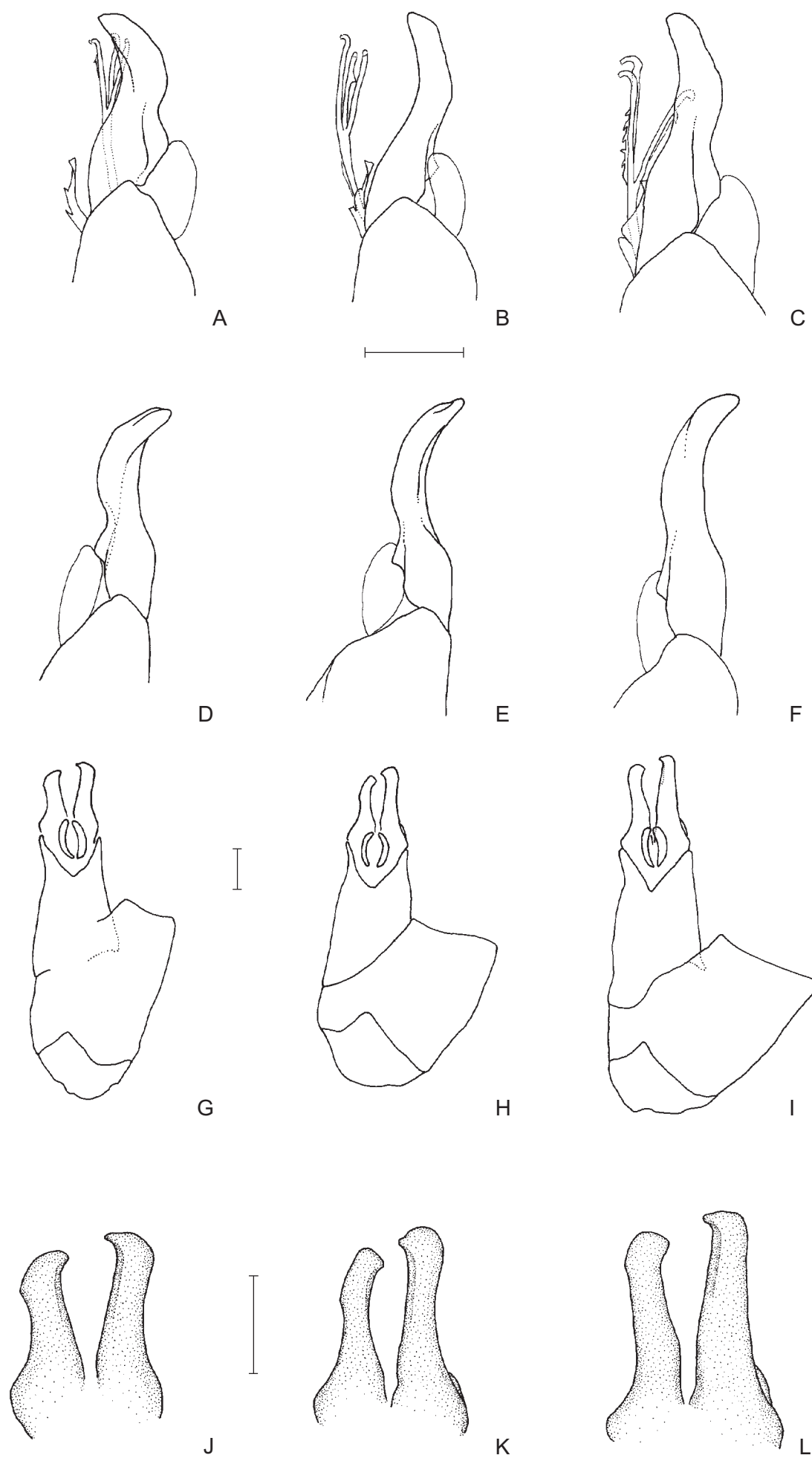
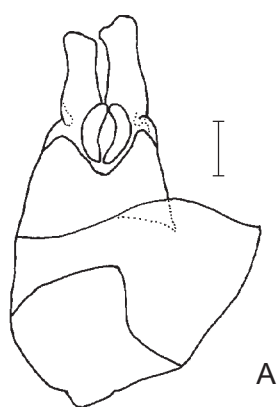
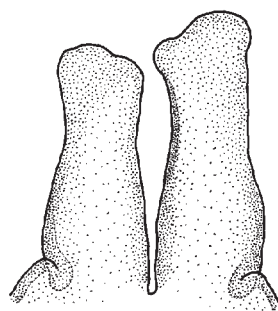


Fig. 16. Intraspecific variation of male genitalia: *Tomosvaryella geniculata* (A–F) and *T. magyarica* (G–L). – A: postabdomen, dorsal view, B–C: surstyli, dorsal view, D: inner surstylus, lateral view, E–F: outer surstylus with phallus and phallic guide, lateral view, G: postabdomen, dorsal view, H–I: surstyli, dorsal view, J: inner surstylus, lateral view, K–L: outer surstylus with phallus and phallic guide, lateral view. Scale bars: 0,1 mm

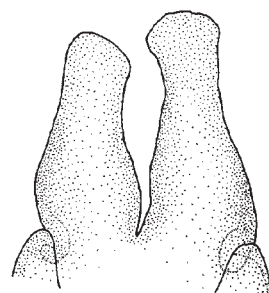
Fig. 16.



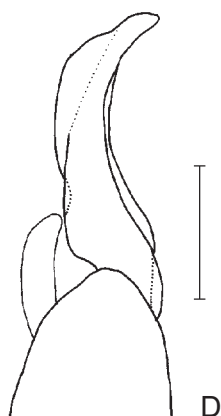
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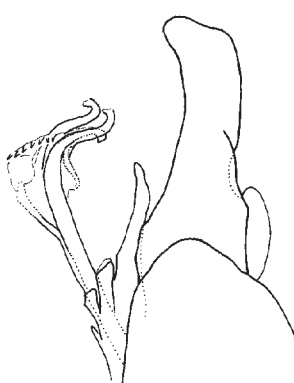
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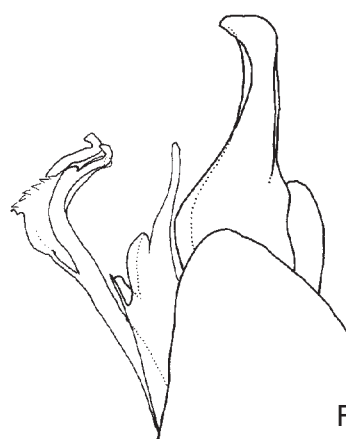
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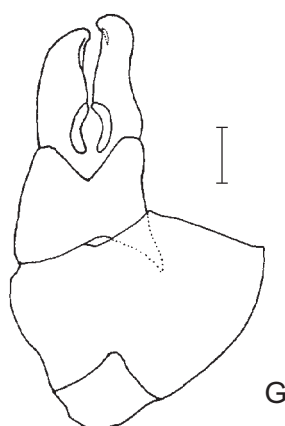
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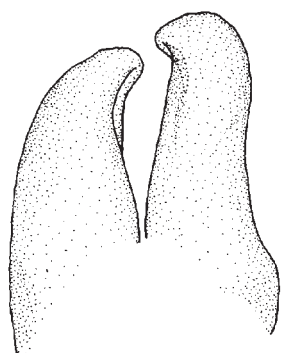
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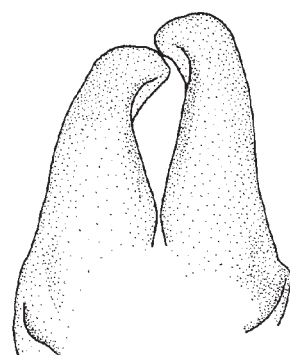
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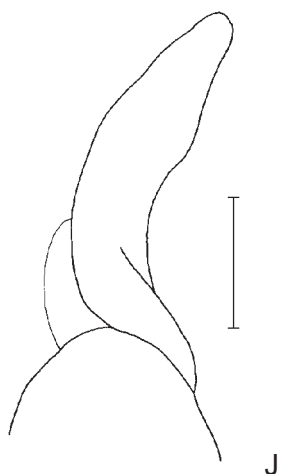
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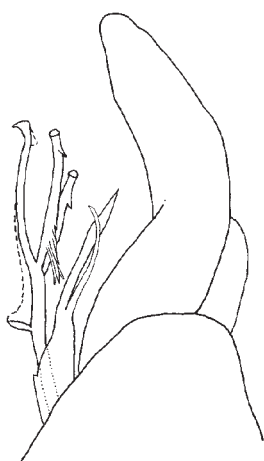
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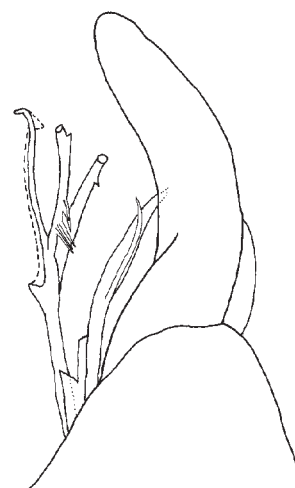
I



J



K



L

Fig. 17. Genitalia of *Pipunculus lichtwardti*, male (A–F) and *Pipunculus omissinervis*, female (G–H).
– A: phallic guide, lateral view, B: sperm pump with ejaculatory apodeme, C: dorsal view of genitalia, D: phallus, ventral view, E: inner surstylus, lateral view, F: outer surstylus, lateral view, G: ovipositor, lateral view, H: ovipositor, dorsal view. Scale bars: 0,1 mm

Fig. 17.

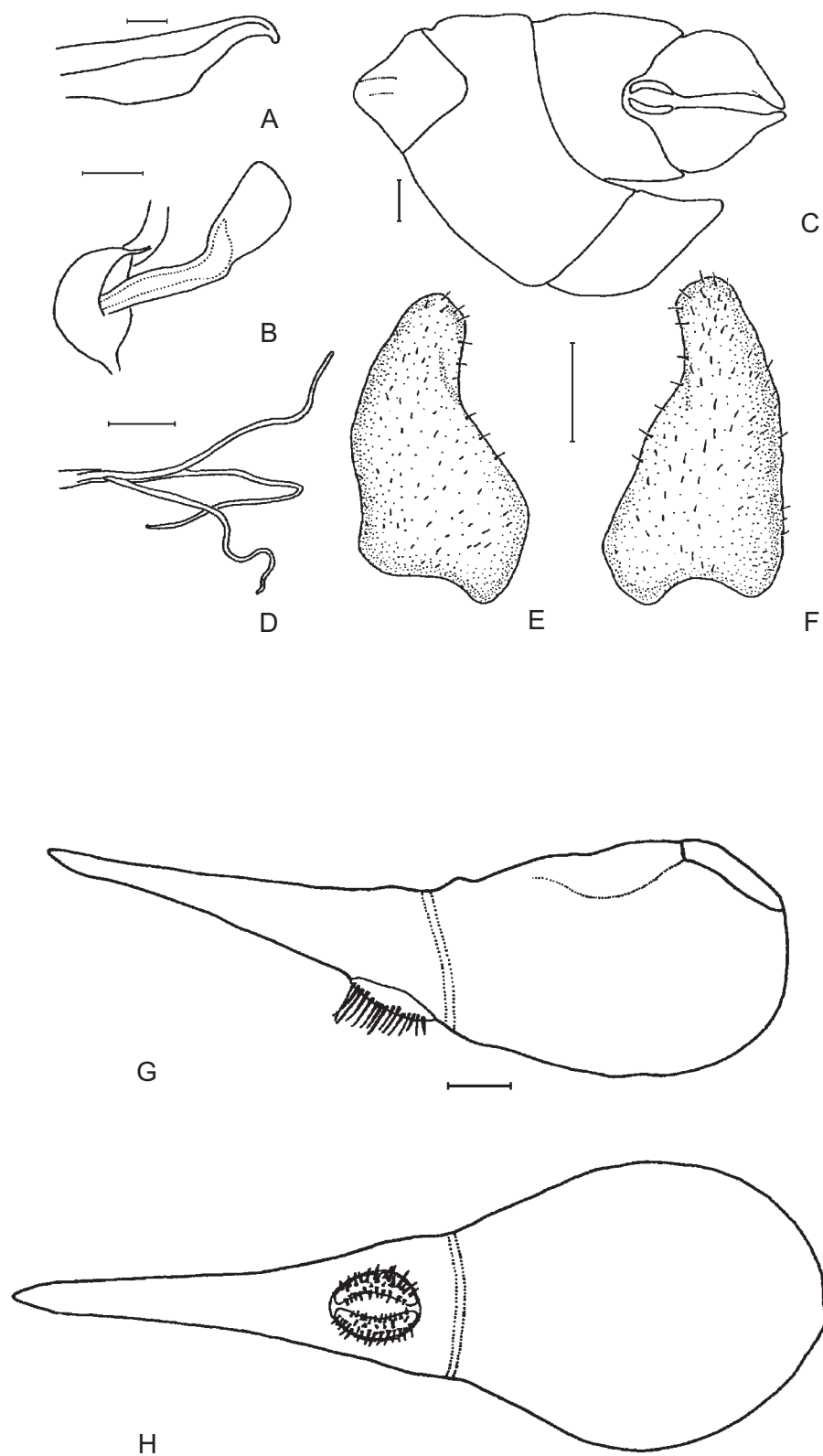


Fig. 18. Genitalia of *Claraeola francoisi* (A–D) and *Cla. hadrosoma* (E–J). – A: outer surstylus with phallus, phallic guide and outer gonopod, lateral view, B: sperm pump with ejaculatory apodeme, C: ventral view with phallic guide, phallus (without ST8), D: inner surstylus, lateral view, E: outer surstylus with phallic guide and outer gonopod, lateral view, F: dorsal view, G: inner surstylus, lateral view, H: surstyli, dorsal view, I: sperm pump with ejaculatory apodeme, J: ventral view with phallic guide, phallus (without ST8). Scale bars: 0,1 mm

Fig. 18.

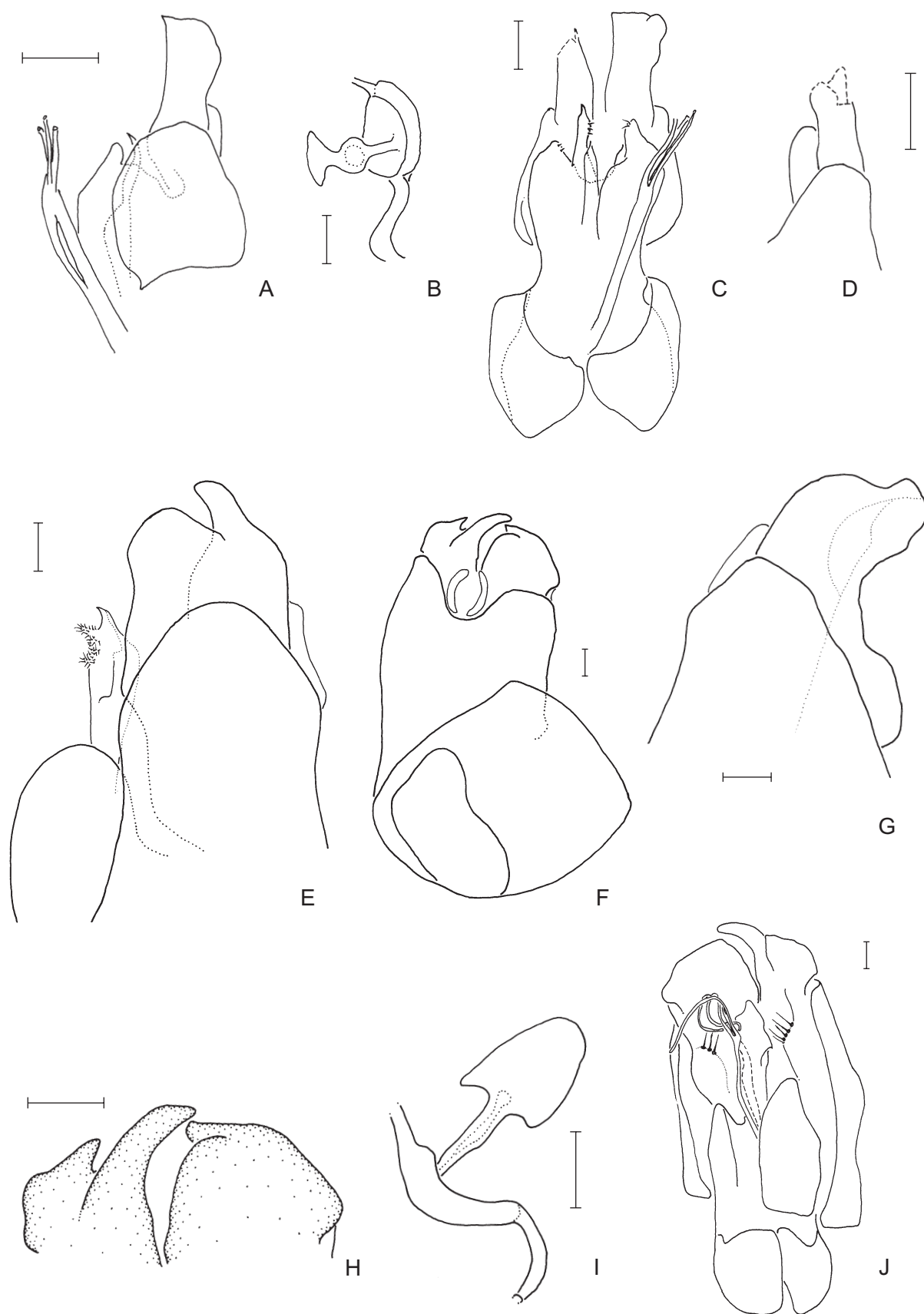


Fig. 19. Genitalia of *Claraeola nigripennis* (A–F) and *Cla. sicilis* (G–K). – A: outer surstylus with phallic guide, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide, phallus (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: ventral view with phallic guide, phallus (without ST8). Scale bars: 0,1 mm

Fig. 19.

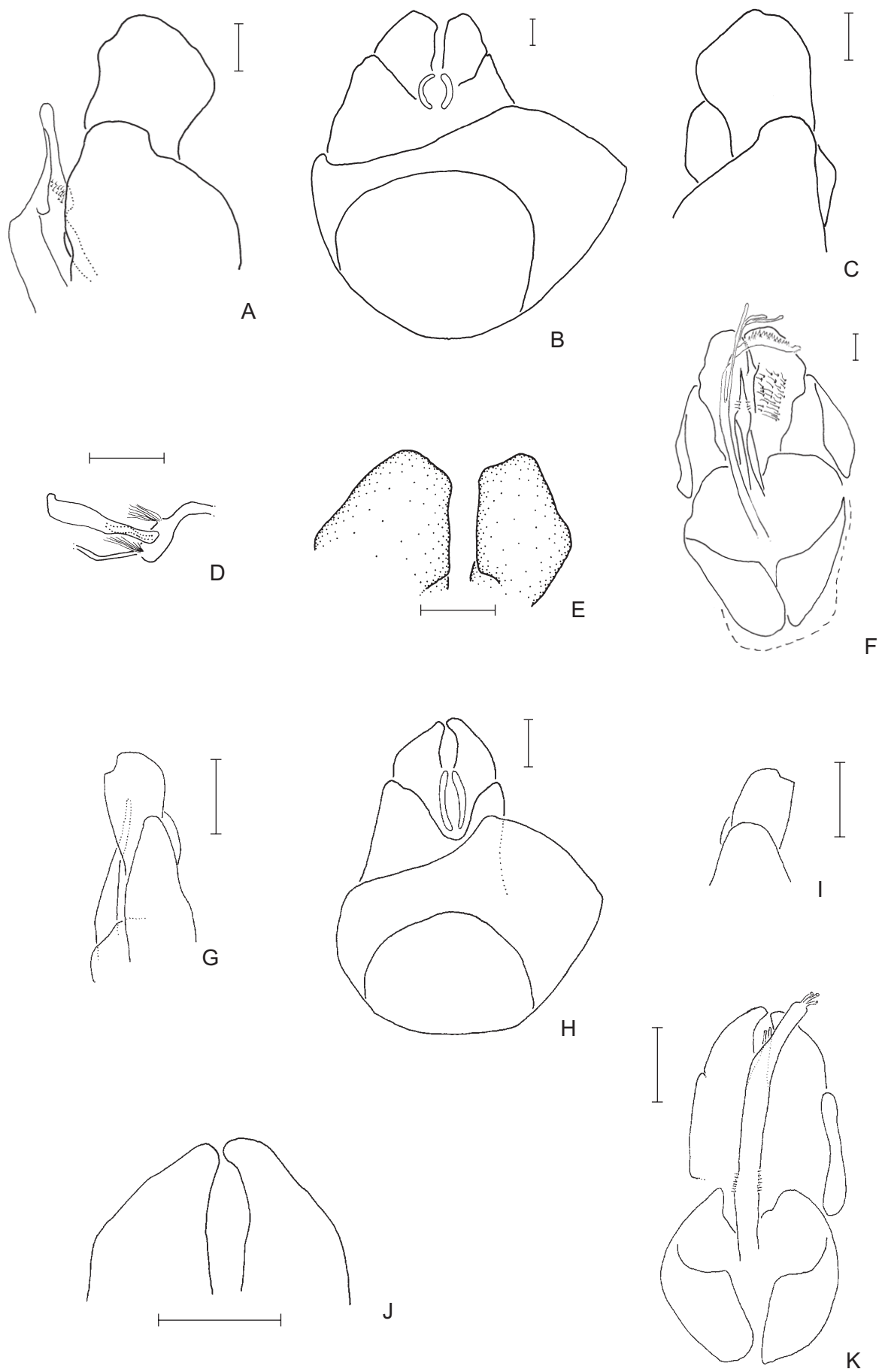


Fig. 20. Genitalia of *Clistoabdominalis confusoides* (A–E) and *Cli. crassus* (F–K). – A: outer surstylus with phallic guide, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: ventral view with phallic guide, sperm pump and ejaculatory apodeme (without ST8), E: surstyli, dorsal view, F: outer surstylus with phallic guide, lateral view, G: dorsal view, H: inner surstylus, lateral view, I: ventral view with phallic guide, (without ST8), J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme. Scale bars: 0,1 mm

Fig. 20.

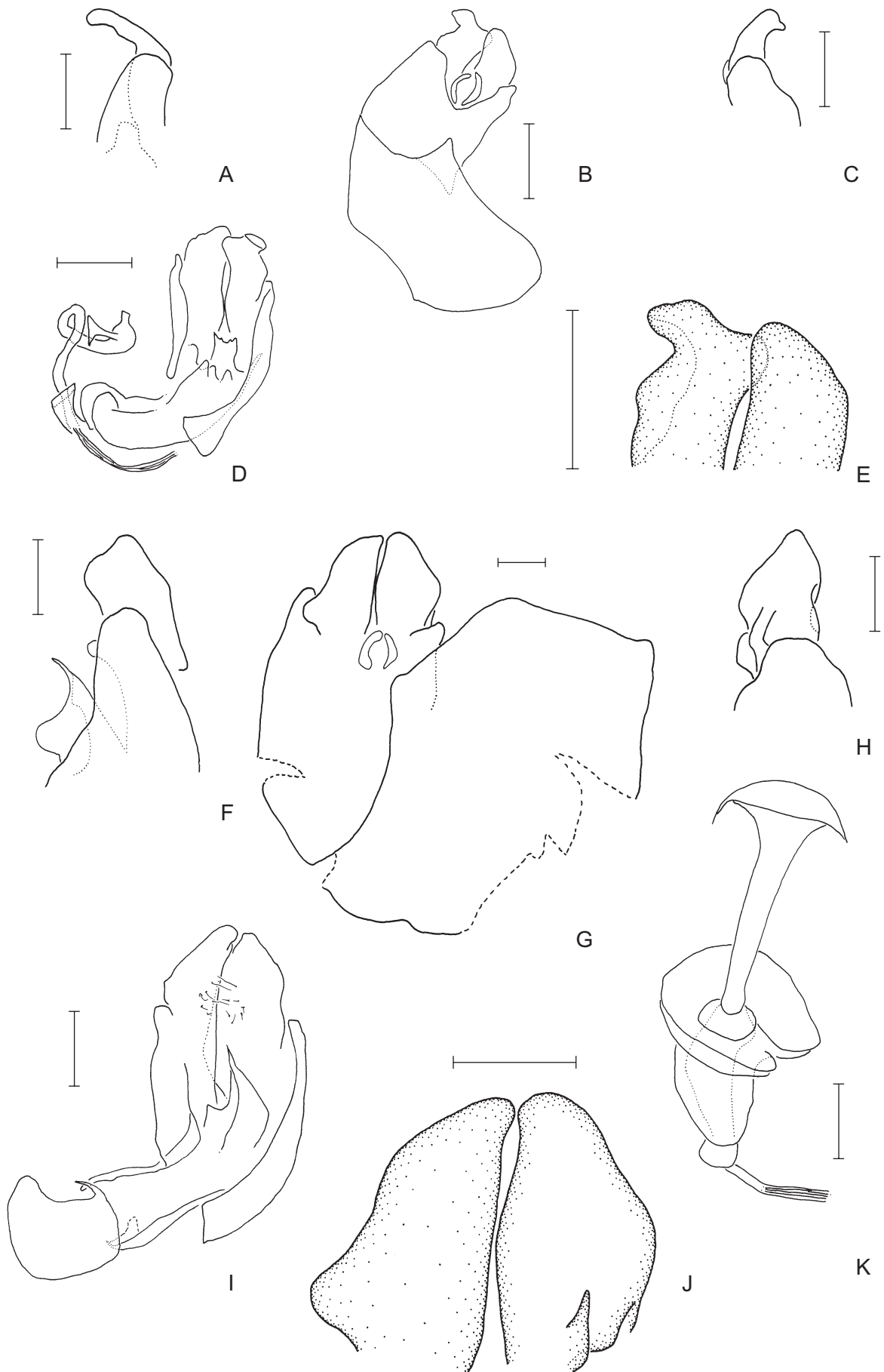


Fig. 21. Genitalia of *Clistoabdominalis lomholdti* (A–F) and *Cli. namibiensis* **sp. n.** (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: ventral view with phallic guide and phallus (without ST8), D: surstyli, dorsal view, E: inner surstylus, lateral view, F: sperm pump with ejaculatory apodeme, G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: inner surstylus, lateral view, I: sperm pump with ejaculatory apodeme, J: ventral view with phallic guide and gonopods (without ST8), K: dorsal view, L: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 21.

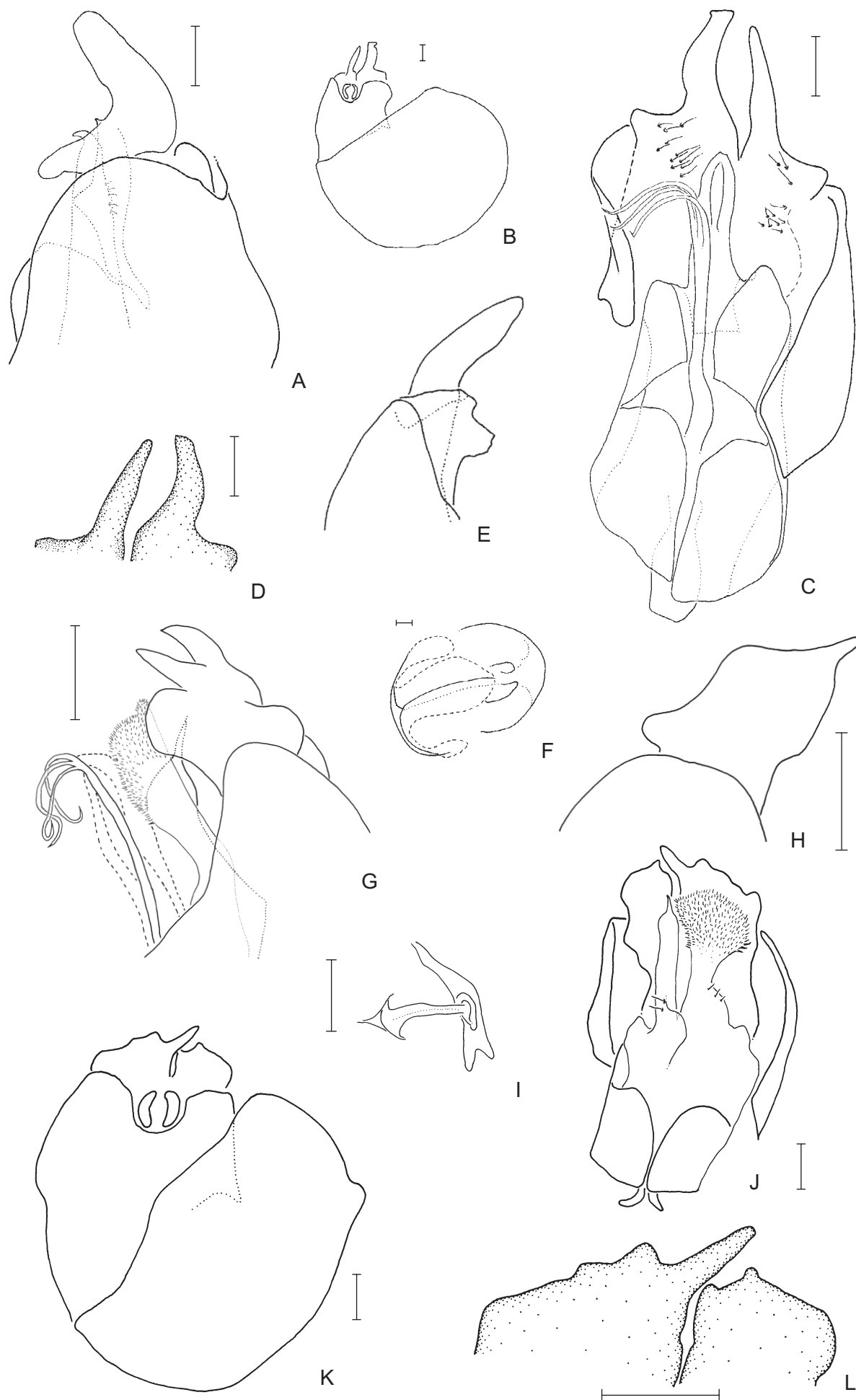


Fig. 22. Genitalia of *Dasydorylas africanus* (A–F) and *D. bodocsi* **sp. n.** (G–K). – A: outer surstylus with phallic guide and phallus, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, caudodorsal view, K: ventral view with phallic guide and phallus (without ST8). Scale bars: 0,1 mm

Fig. 22.

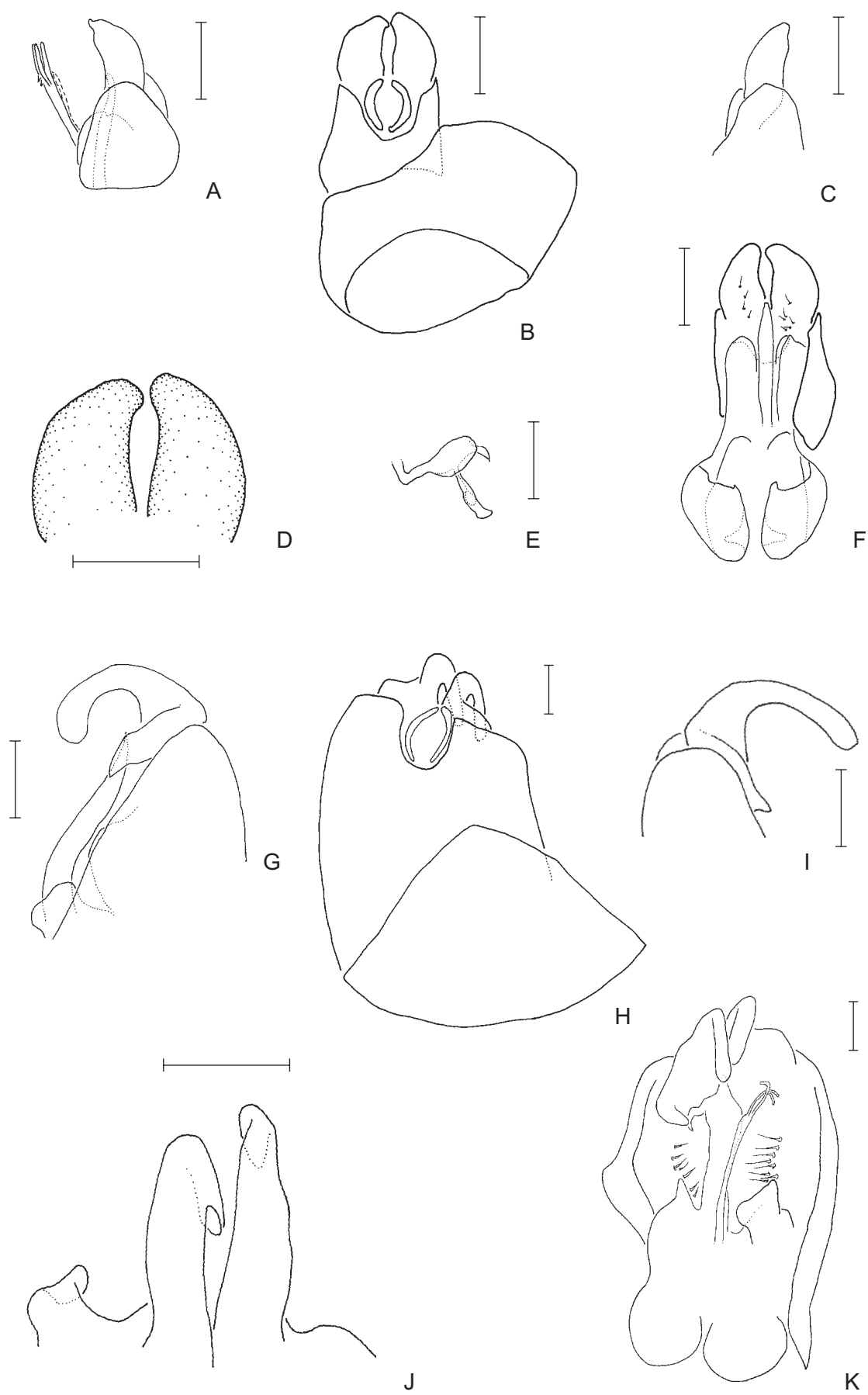


Fig. 23. Genitalia of *Dasydorylas evanidus* (A–F) and *D. minymerus* (G–L). – A: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme, L: ventral view with phallic guide and phallus (without ST8). Scale bars: 0,1 mm

Fig. 23.

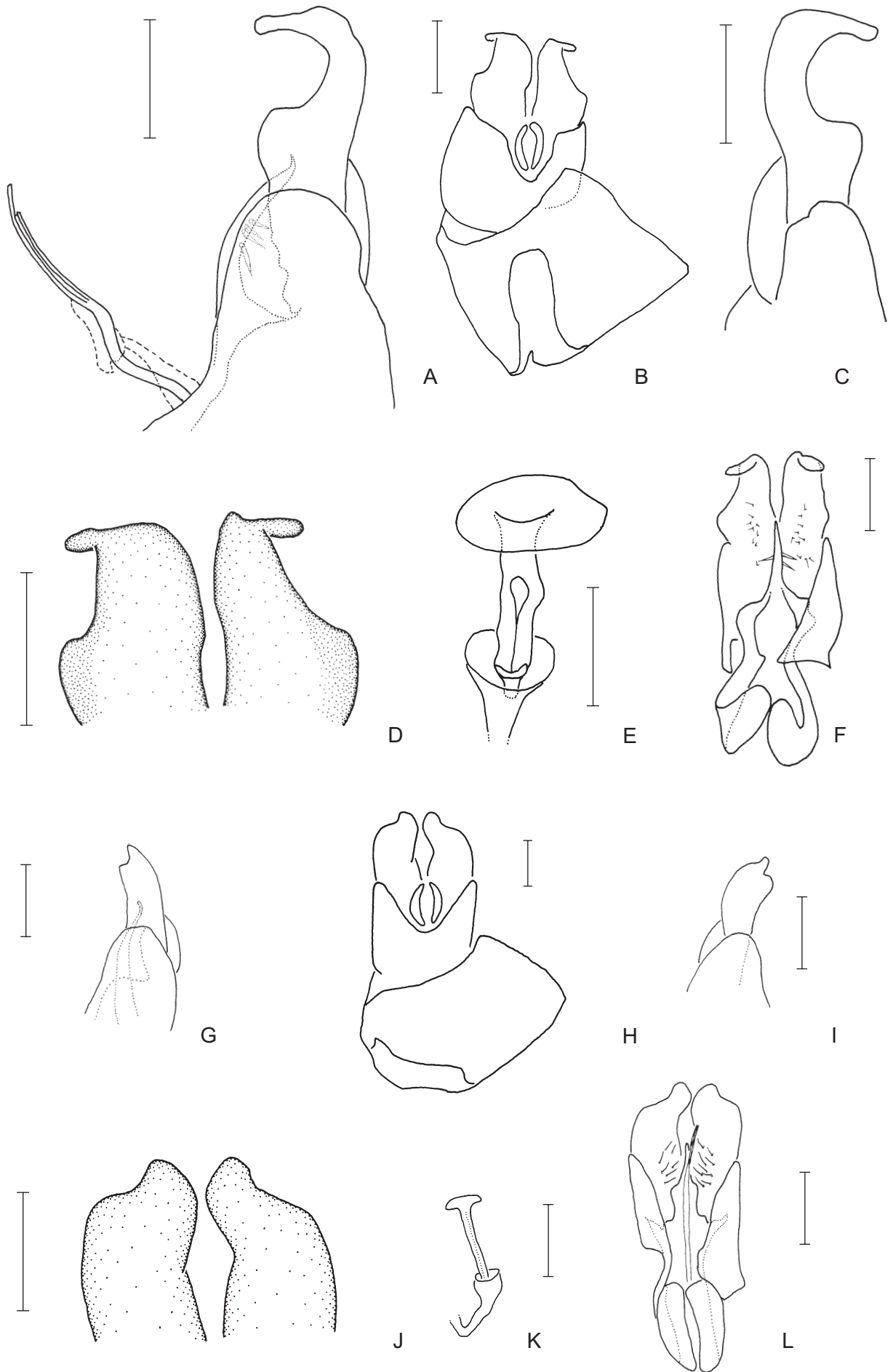


Fig. 24. Genitalia of *Dasydorylas okongoensis* (A–F) and *D. quasidorsalis* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide and phallus (without ST8), G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme, L: ventral view with phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 24.

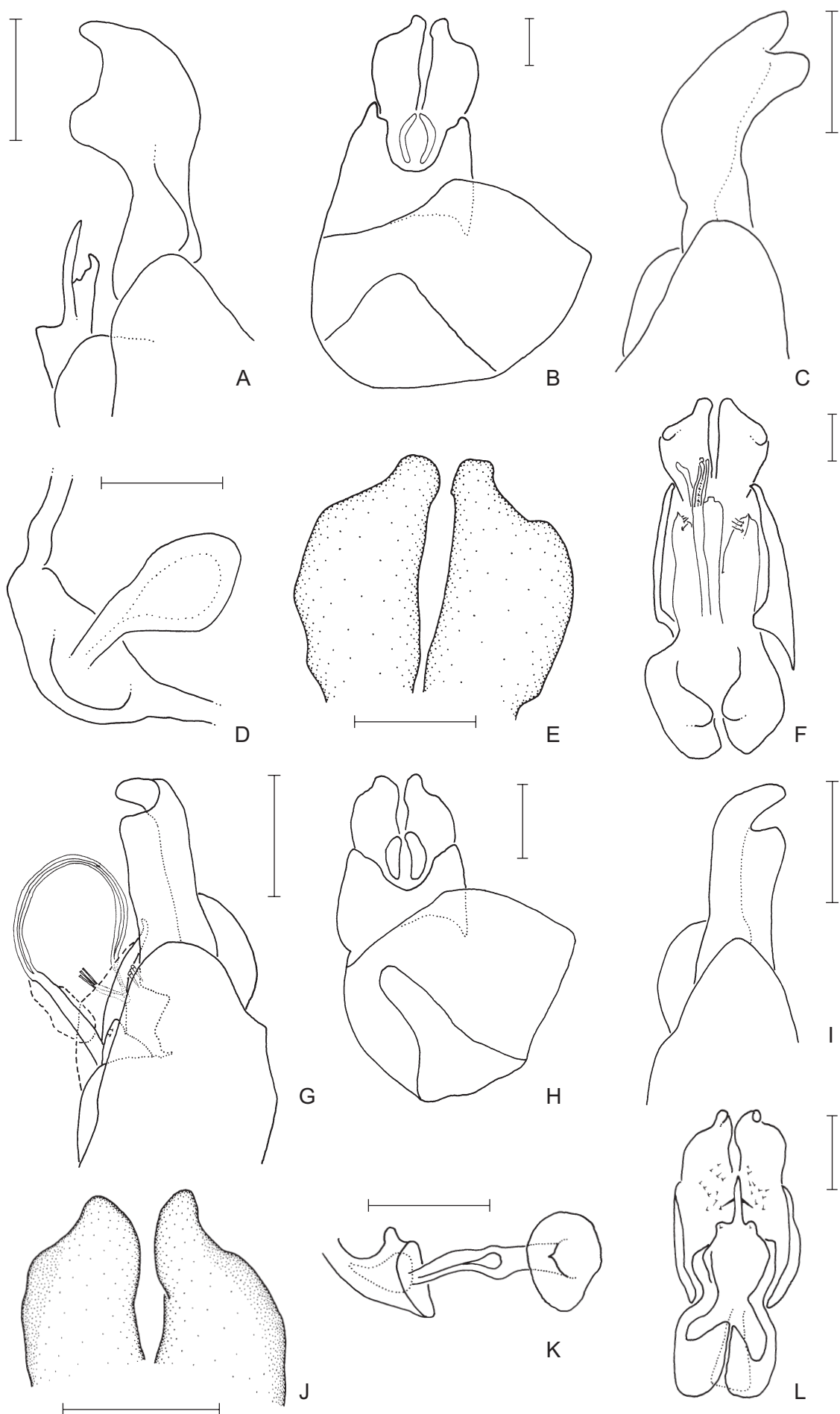


Fig. 25. Genitalia of *Dasydorylas sordidatus* (A–F) and *D. turneri* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: ventral view with phallic guide and phallus (without ST8), E: sperm pump with ejaculatory apodeme, F: surstyli, dorsal view, G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme, L: ventral view with phallic guide and phallus (without ST8). Scale bars: 0,1 mm

Fig. 25.

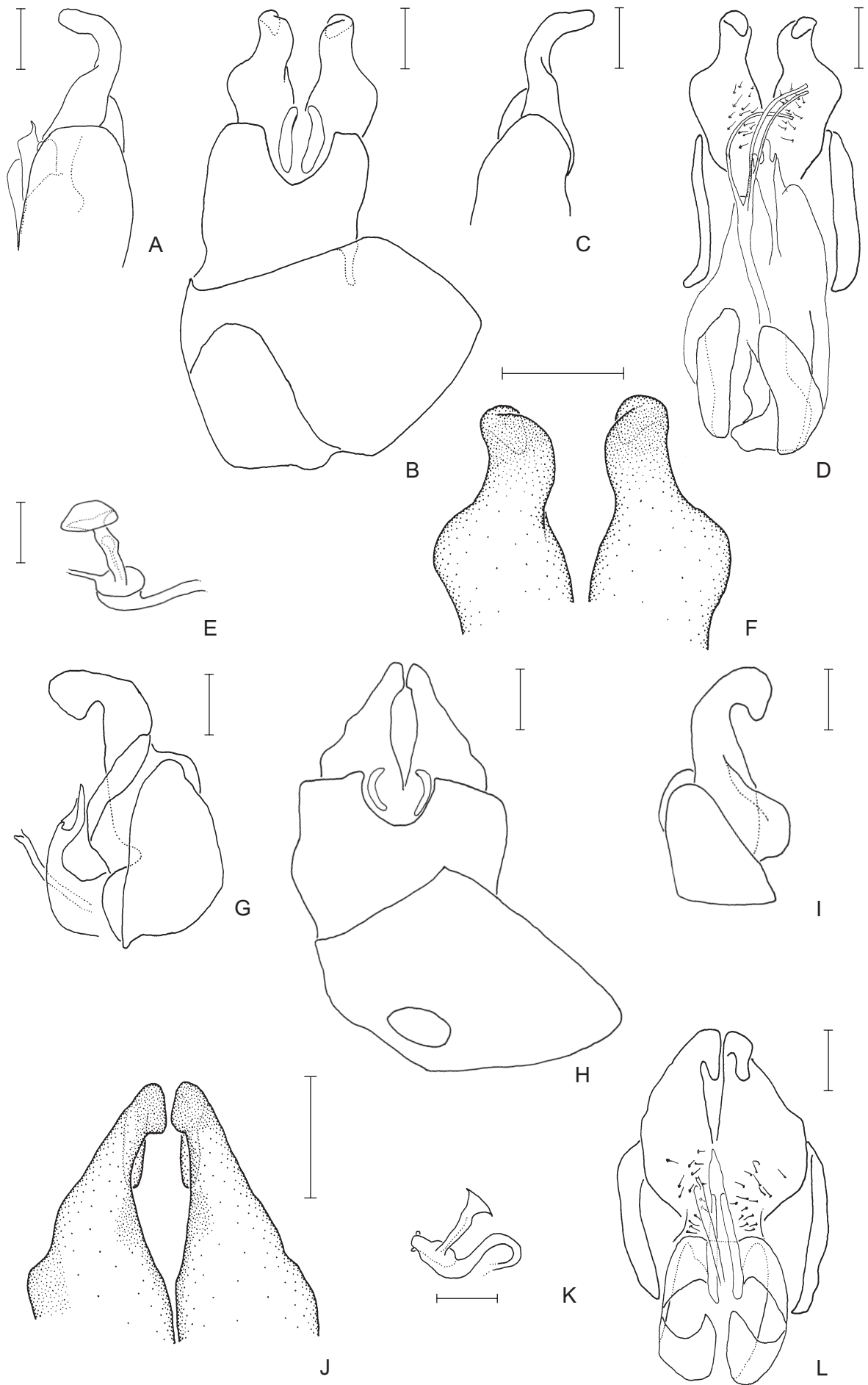


Fig. 26. Genitalia of *Eudorylas acroapex* (A–F) and *E. aculeatus* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide and phallus (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: sperm pump with ejaculatory apodeme, K: ventral view with phallic guide and phallus (without ST8), L: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 26.

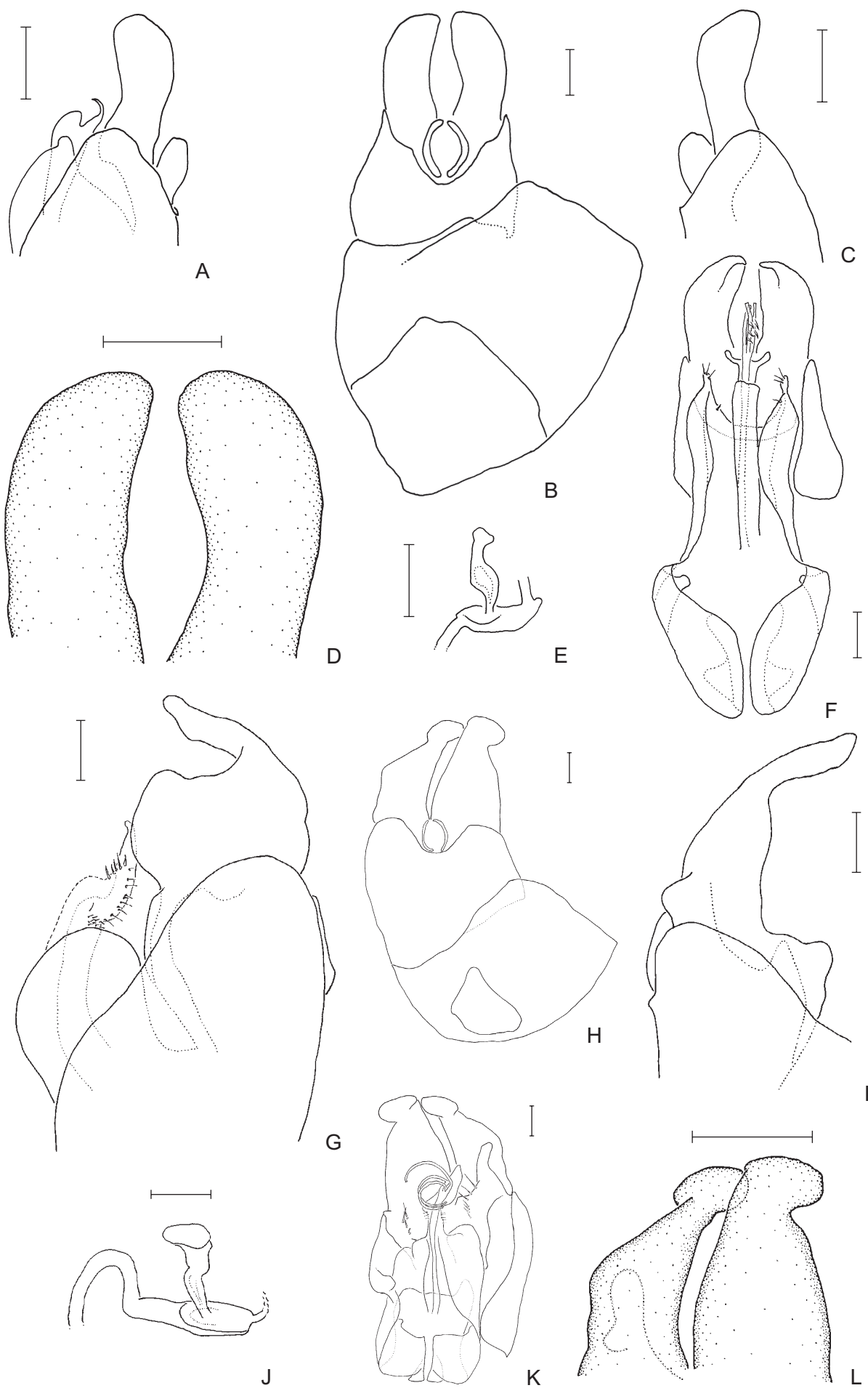


Fig. 27. Genitalia of *Eudorylas aemulus* (A–C) and *E. aethiopicus* (D–I). – A: surstyli, dorsal view, B: dorsal view, C: ventral view with phallic guide (without ST8), D: outer surstylus with phallic guide and outer gonopod, lateral view, E: dorsal view, F: inner surstylus, lateral view, G: sperm pump with ejaculatory apodeme, H: surstyli, dorsal view, I: ventral view with phallic guide and gonopods (without ST8), J:.. Scale bars: 0,1 mm

Fig. 27.

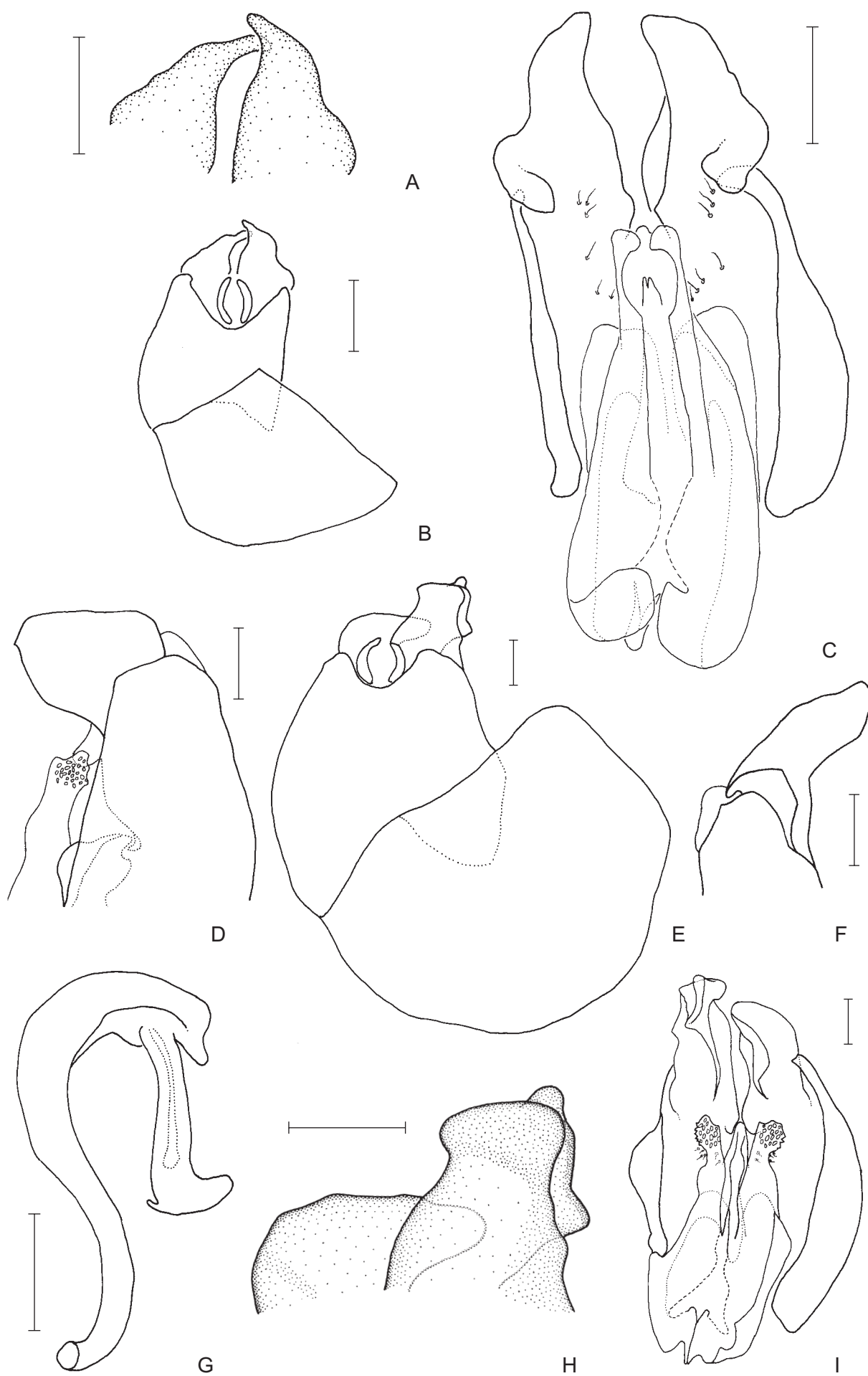


Fig. 28. Genitalia of *Eudorylas amanii* **sp. n.** (A–G) and *E. amitinus* (H–M). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: tip of phallic guide, lateral view, E: sperm pump with ejaculatory apodeme, F: surstyli, dorsal view, G: ventral view with phallic guide (without ST8), H: outer surstylus with phallic guide, lateral view, I: dorsal view, J: inner surstylus, lateral view, K: sperm pump with ejaculatory apodeme, L: surstyli, dorsal view, M: ventral view with phallic guide and phallus (without ST8). Scale bars: 0,1 mm

Fig. 28.

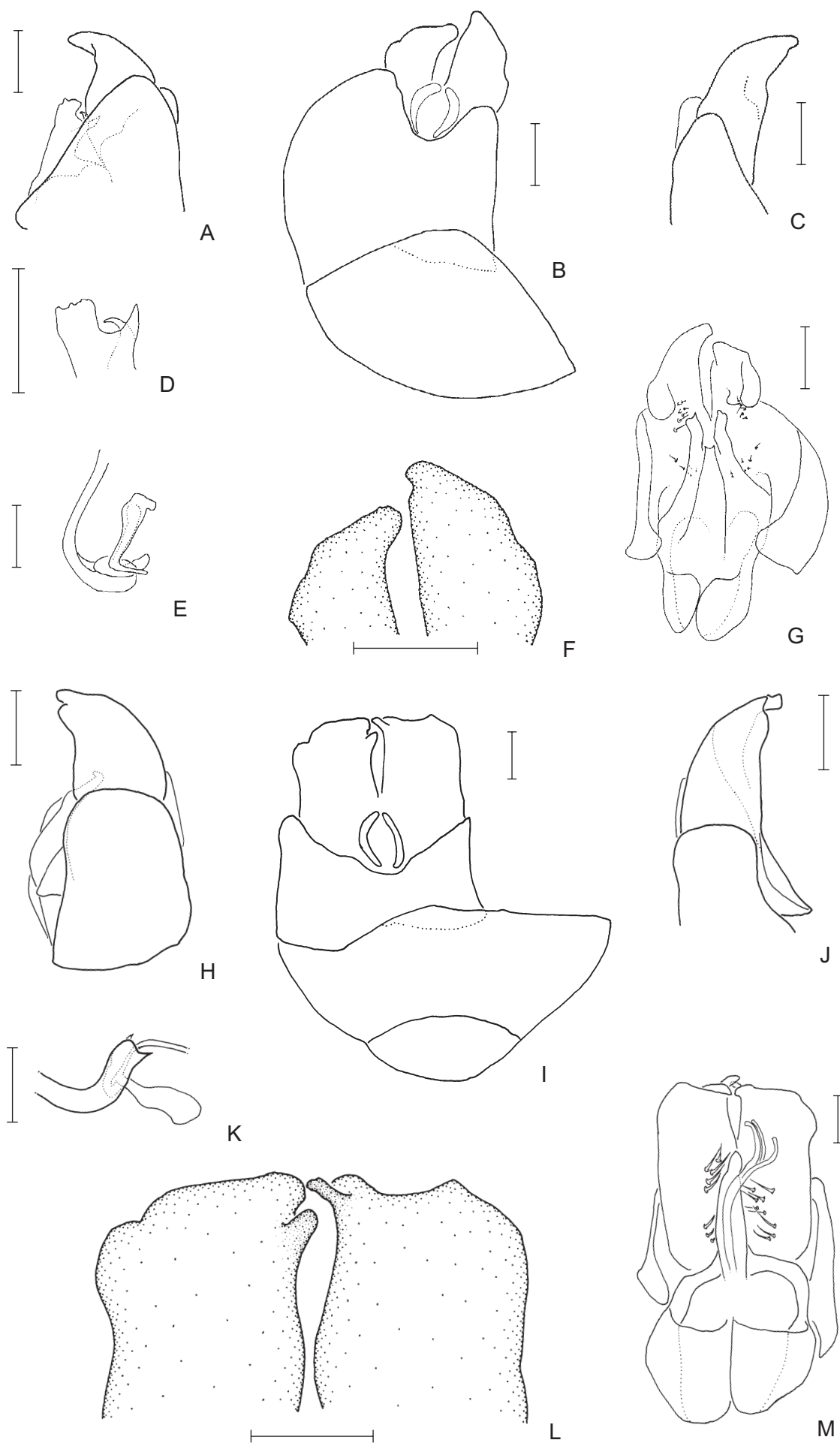


Fig. 29. Genitalia of *Eudorylas amuscarinum* (A–F) and *E. angolae* (G–K). – A: outer surstylus with phallic guide, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: ventral view with phallic guide (without ST8), F: surstyli, dorsal view, G: dorsal view, H: outer surstylus with phallic guide, lateral view, I: surstyli, dorsal view, J: inner surstylus, lateral view, K: ventral view with phallic guide and phallus (without ST8). Scale bars: 0,1 mm

Fig. 29.

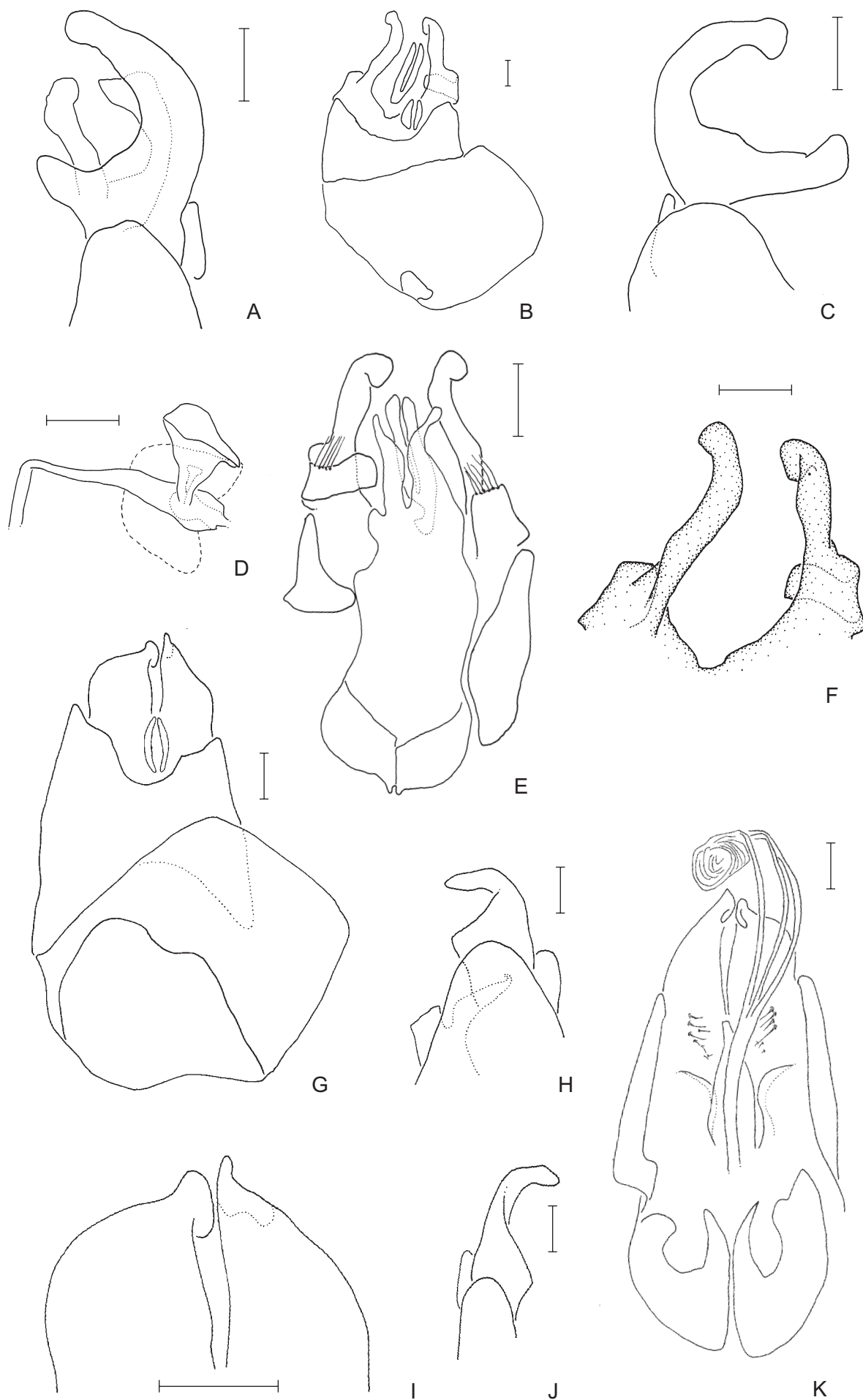


Fig. 30. Genitalia of *Eudorylas barracloughi* **sp. n.** (A–F) and *E. bisetosus* (G–L). – A: outer surstylus with phallic guide, attachment of phallus and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide and phallus (without ST8), G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme, L: ventral view with phallic guide and subepandrial sclerite (without ST8). Scale bars: 0,1 mm

Fig. 30.

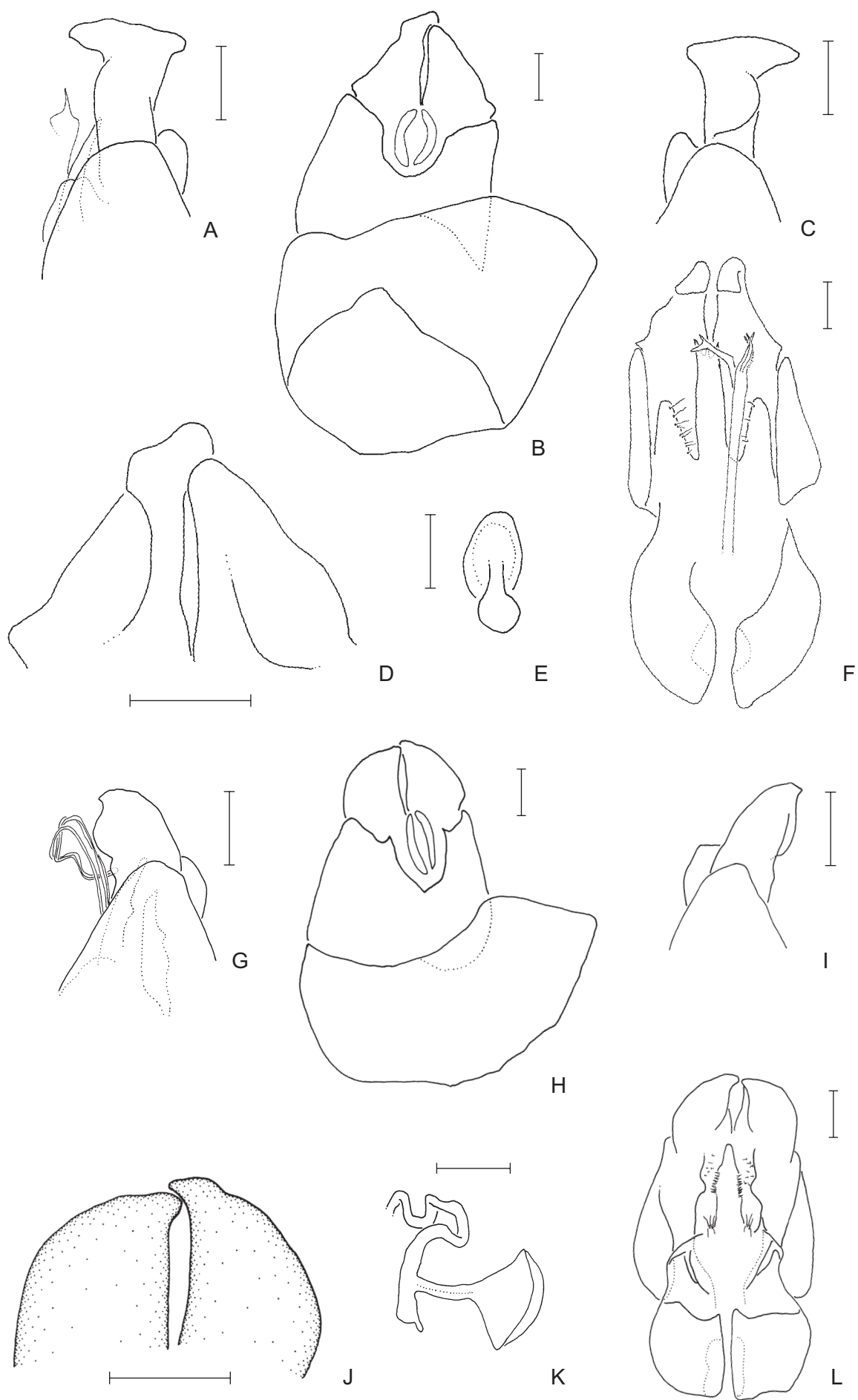


Fig. 31. Genitalia of *Eudorylas brandbergensis* **sp. n.** (A–F) and *E. conformis* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide and phallus (without ST8), G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: surstyli (damaged), dorsal view, I: inner surstylus, lateral view, J: dorsal view, K: ventral view with phallic guide, phallus, sperm pump and ejaculatory apodeme (without ST8). Scale bars: 0,1 mm

Fig. 31.

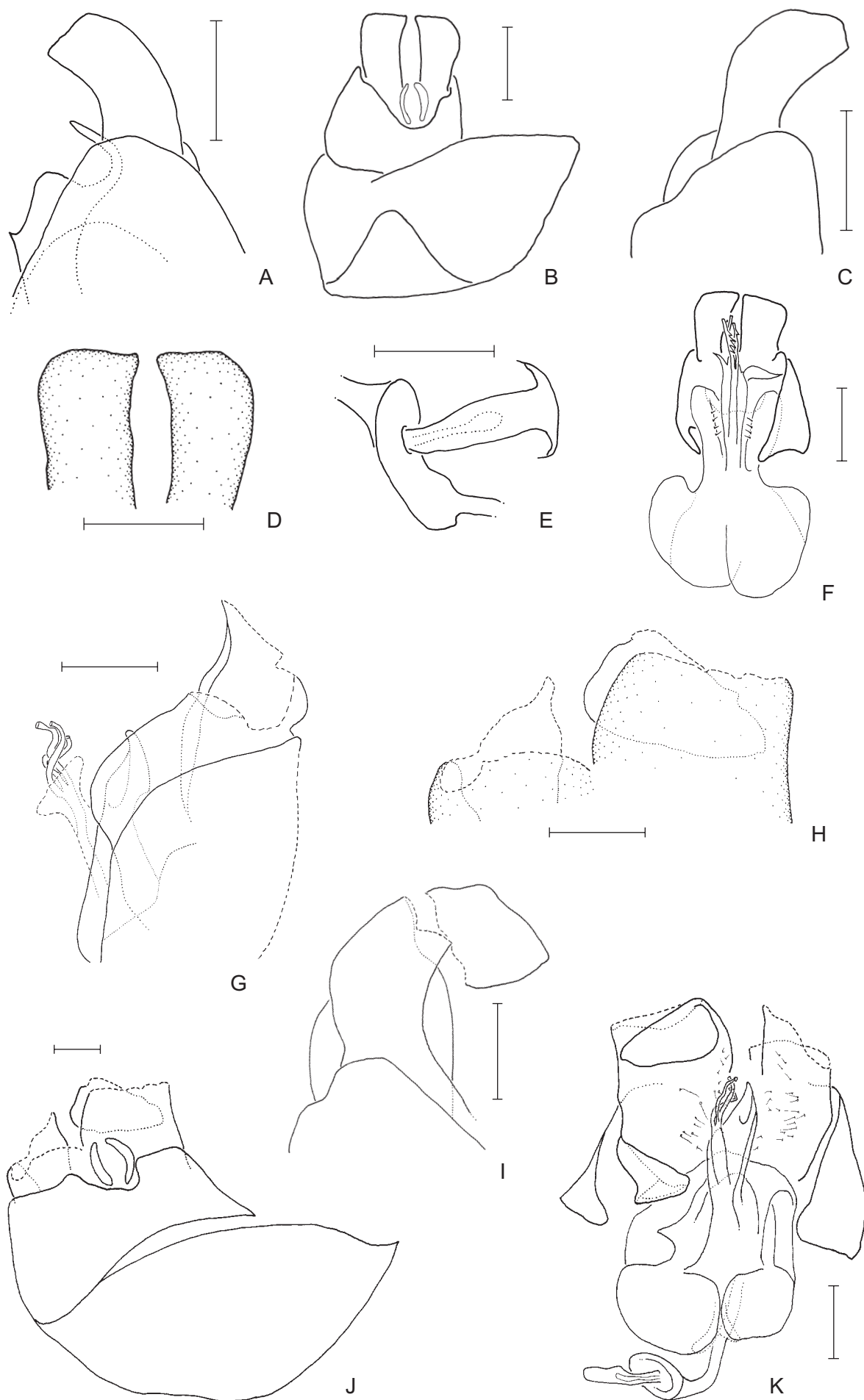


Fig. 32. Genitalia of *Eudorylas decorus* (A–F) and *E. denotatus* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: ventral view with phallic guide and phallus (without ST8), E: surstyli, dorsal view, F: abdominal tergite 5 and 6, dorsal view, G: sperm pump with ejaculatory apodeme, H: outer surstylus with phallic guide, lateral view, I: dorsal view, J: inner surstylus, lateral view, K: surstyli, dorsal view, L: ventral view with phallic guide (without ST8), M: phallus with phallic sheath and sperm pump with ejaculatory apodeme. Scale bars: 0,1 mm

Fig. 32.

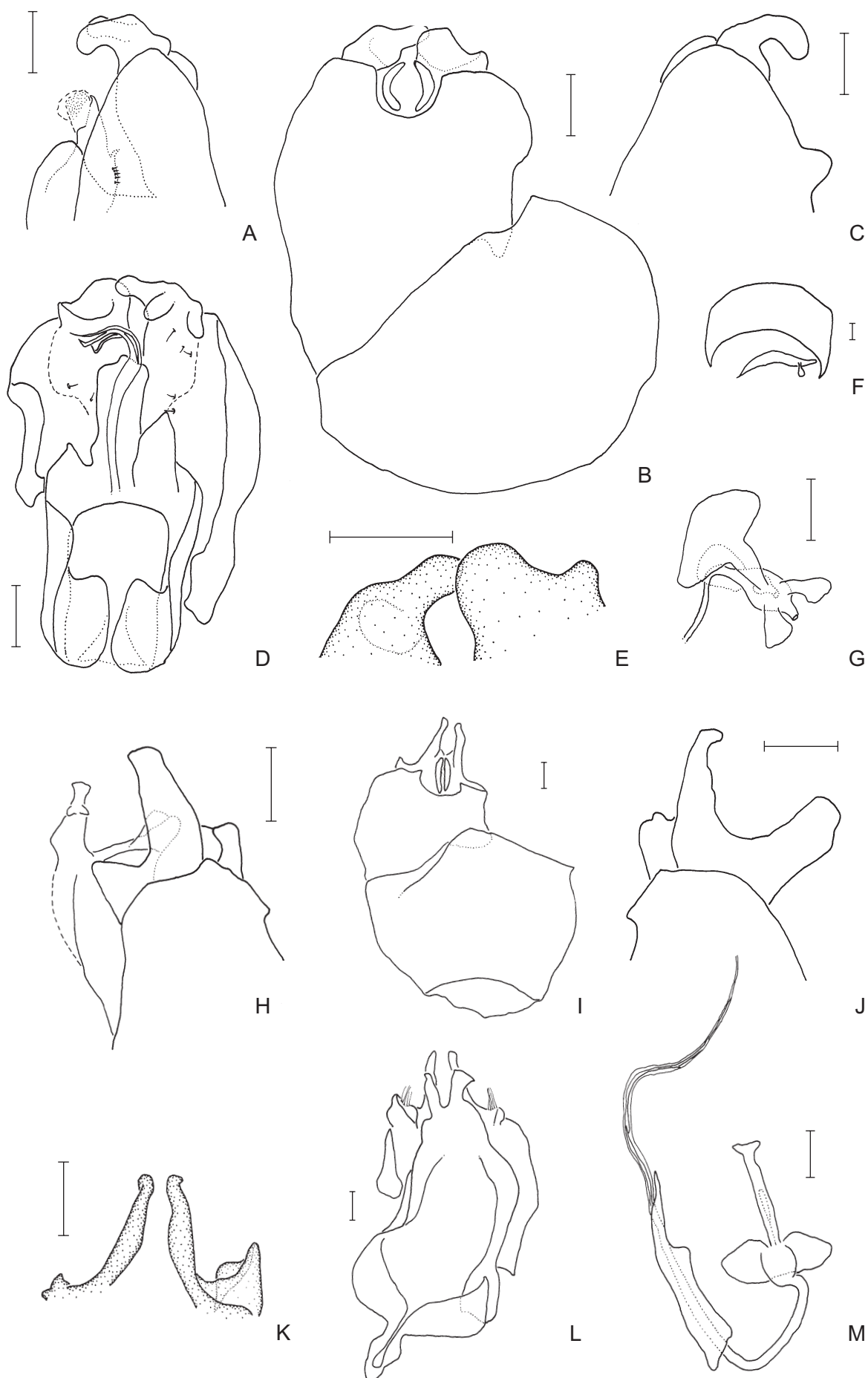


Fig. 33. Genitalia of *Eudorylas discretus* (A–G) and *E. diversus* (H–M). – A: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide and phallus (without ST8), G: sperm pump with ejaculatory apodeme, H: outer surstylus with phallic guide and phallus, lateral view, I: dorsal view, J: inner surstylus, lateral view, K: sperm pump with ejaculatory apodeme, L: surstyli, dorsal view, M: ventral view with phallic guide and phallus (without ST8). Scale bars: 0,1 mm

Fig. 33.

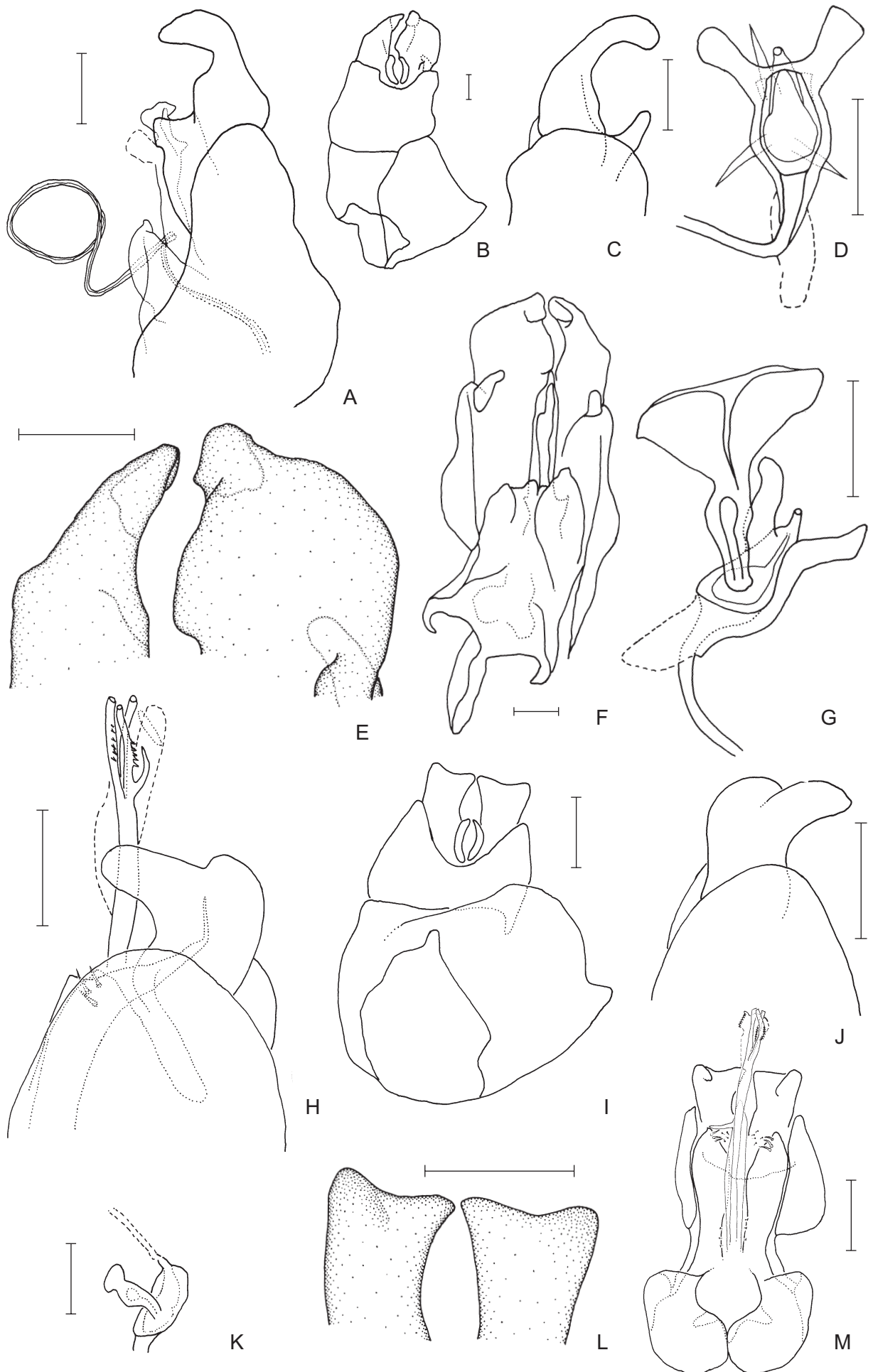


Fig. 34. Genitalia of *Eudorylas encerus* (A–F) and *E. excisus* (G–M). – A: outer surstylus with phallic guide, lateral view, B: dorsal view, C: inner surstylus with epandrial process, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide and ejaculatory apodeme (without ST8), G: outer surstylus, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: sperm pump with ejaculatory apodeme, K: phallic guide, gonopods and hypandrium, ventral view, L: phallic guide and phallus lateral view, M: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 34.

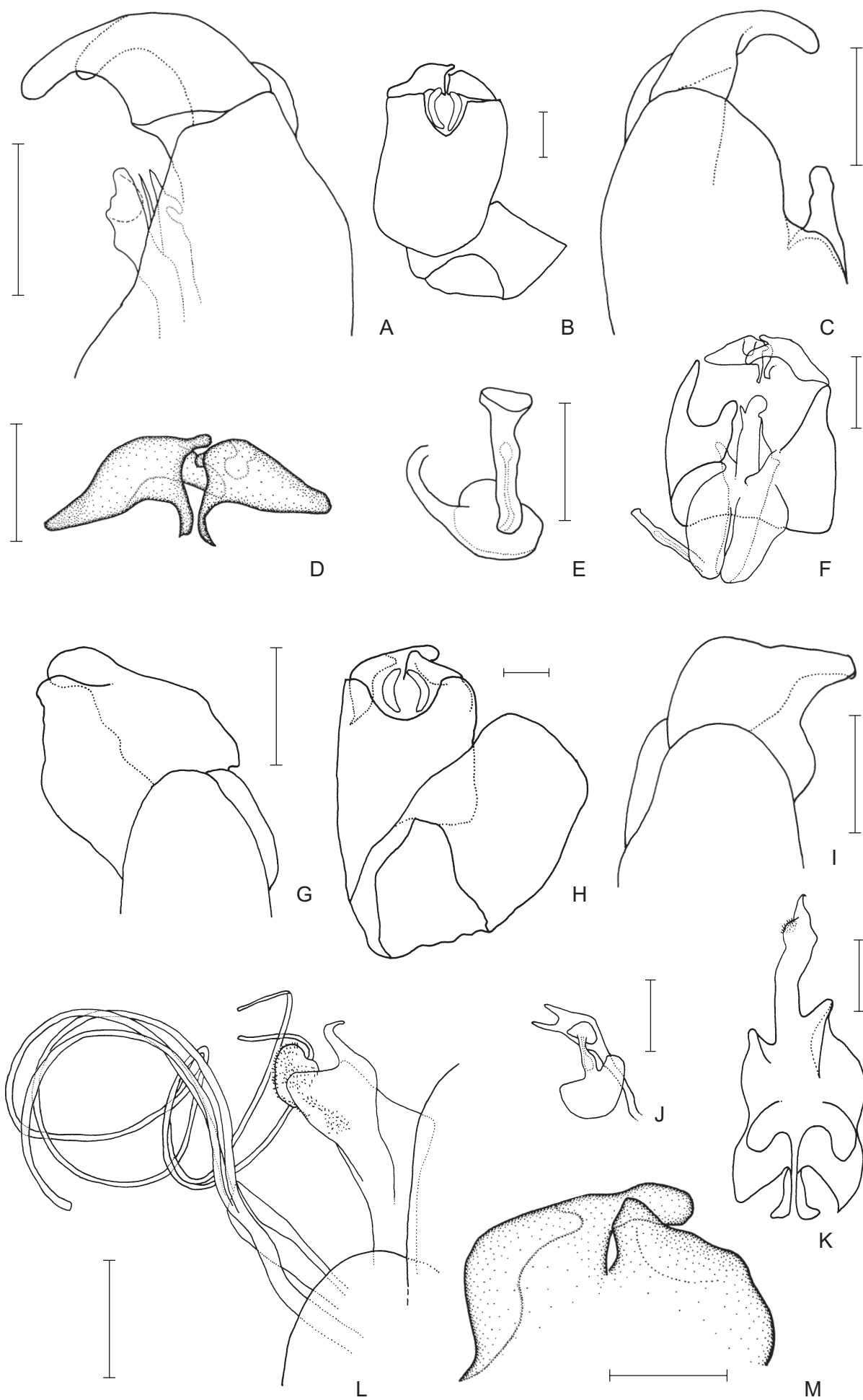


Fig. 35. Genitalia of *Eudorylas facetus* (A–F) and *E. femoralis* **sp. n.** (G–L). – A: outer surstylus with phallic guide, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide, phallus and phallic attachment (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: sperm pump with ejaculatory apodeme, K: surstyli, dorsal view, L: ventral view with phallus and phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 35.

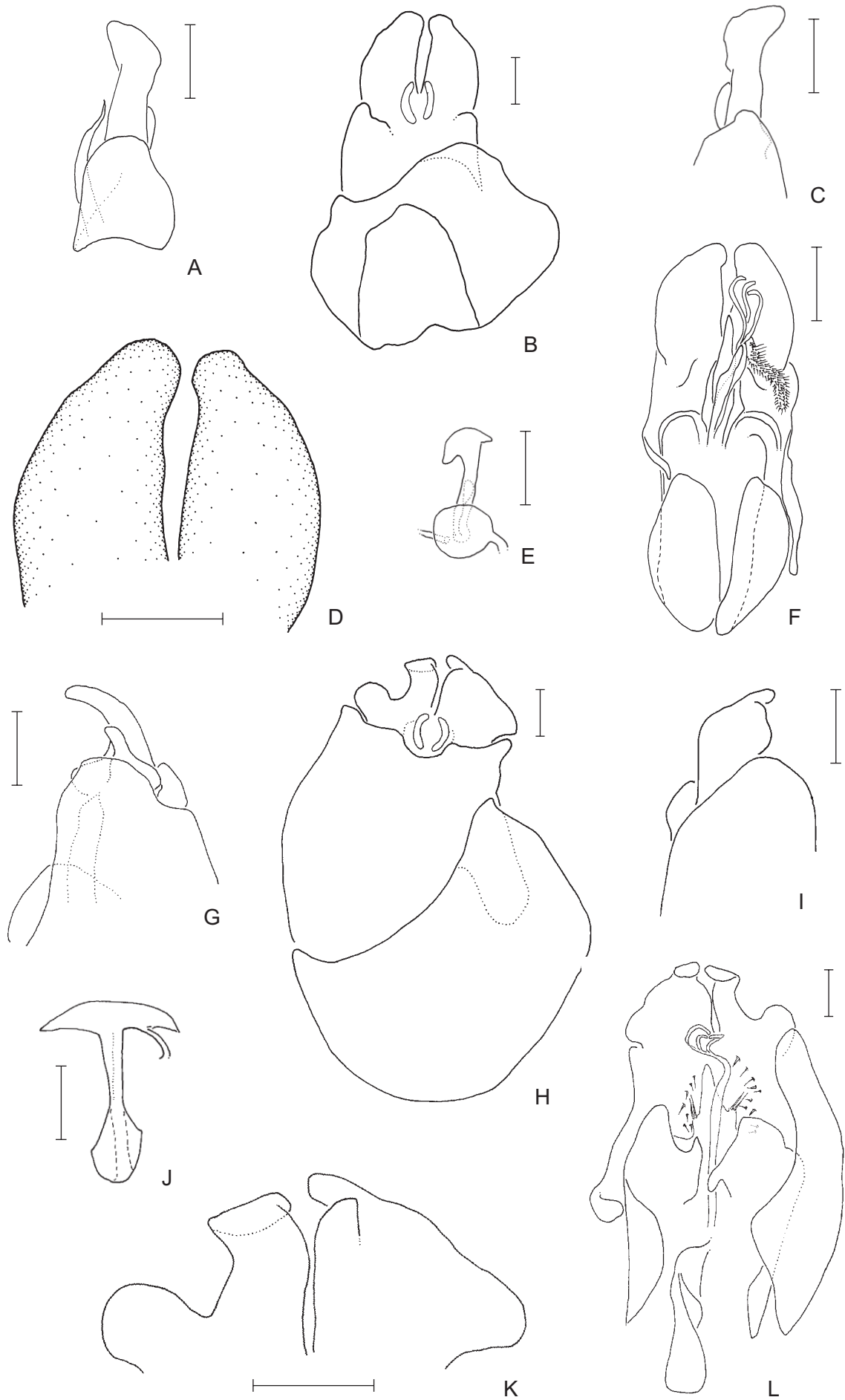


Fig. 36. Genitalia of *Eudorylas flexus* (A–G) and *E. gabela* **sp. n.** (H–L). – A: outer surstylus with phallic guide and phallus, lateral view, B: sperm pump with ejaculatory apodeme, lateral view, C: inner surstylus, lateral view, D: dorsal view, E: ventral view with phallic guide and phallus (without ST8), F: sperm pump with ejaculatory apodeme, ventral view, G: surstyli, dorsal view, H: outer surstylus with phallic guide, lateral view, I: ventral view with phallus and phallic guide (without ST8), J: inner surstylus, lateral view, K: dorsal view, L: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 36.

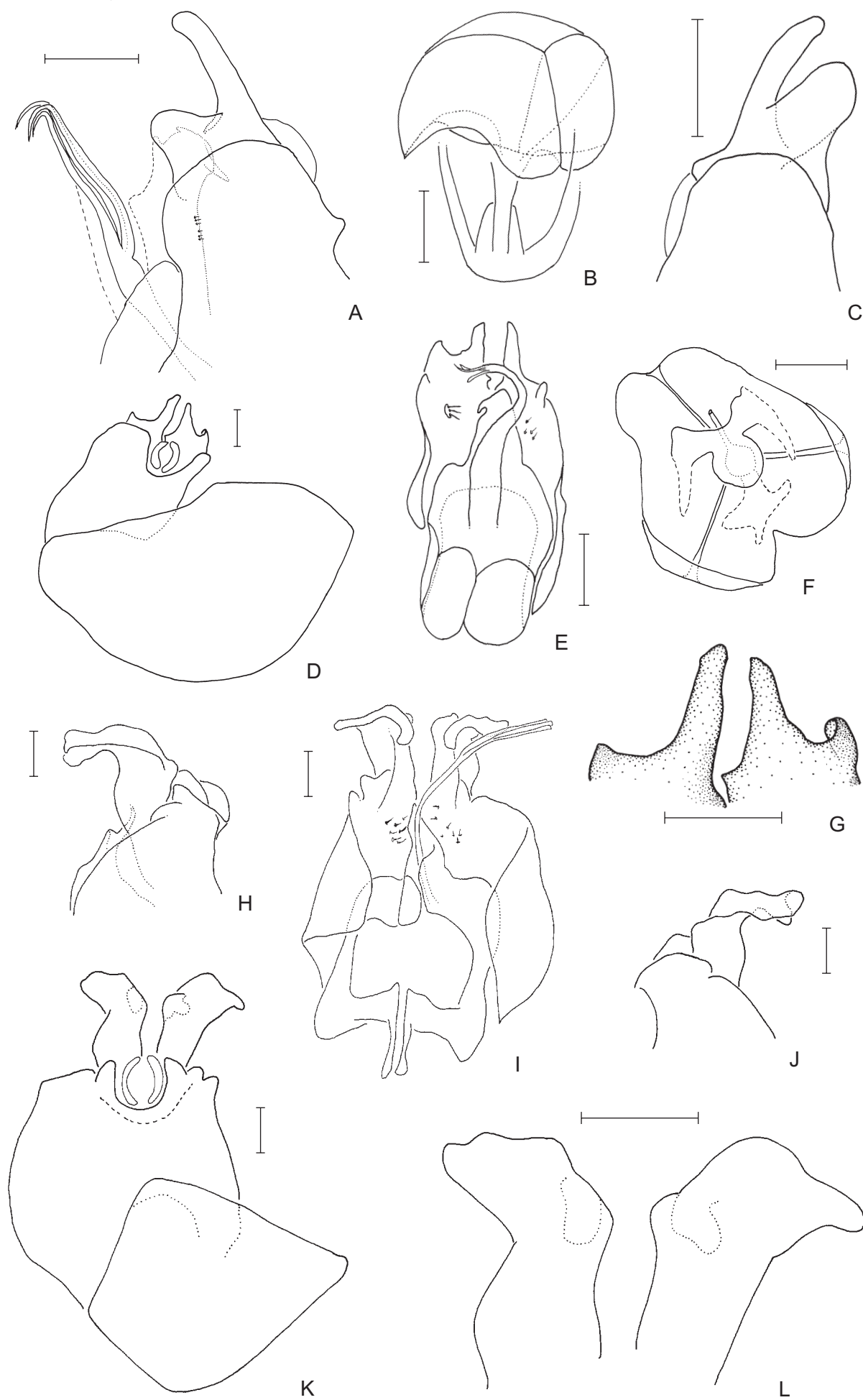


Fig. 37. Genitalia of *Eudorylas galeatus* (A–F) and *E. garambensis* (G–L). – A: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide, phallus (without ST8), G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme, L: ventral view with phallus and phallic guide (without ST8, epandrium partly). Scale bars: 0,1 mm

Fig. 37.

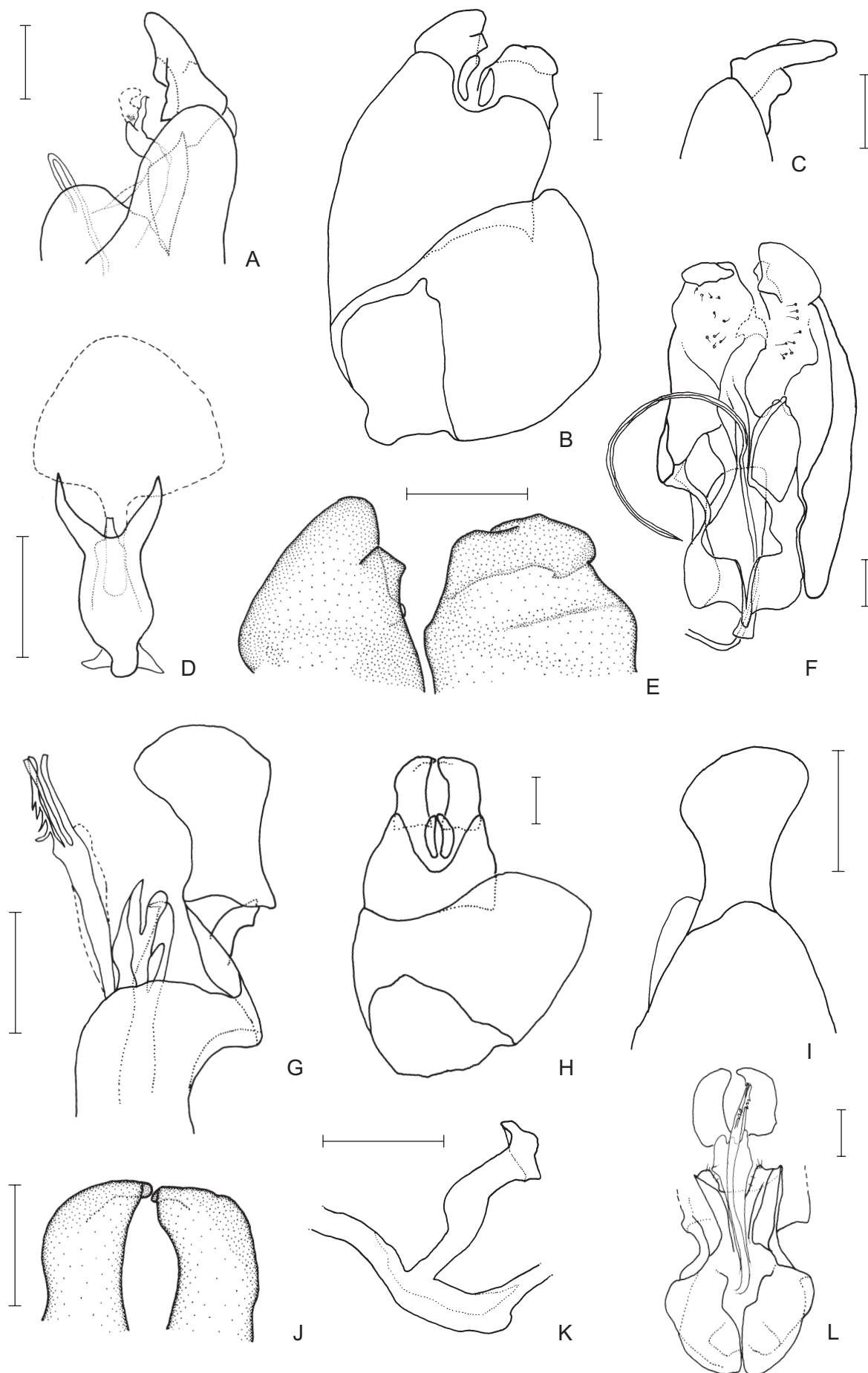


Fig. 38. Genitalia of *Eudorylas ghesquierei* (A–F) and *E. hirsutus* **sp. n.** (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: ventral view with phallic guide, phallus, sperm pump and ejaculatory apodeme (without ST8), E: phallus, lateral view, F: surstyli, dorsal view, G: dorsal view, H: inner surstylus, lateral view, I: outer surstylus with phallic guide, lateral view, J: sperm pump with ejaculatory apodeme, K: surstyli, dorsal view, L: ventral view with phallus and phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 38.

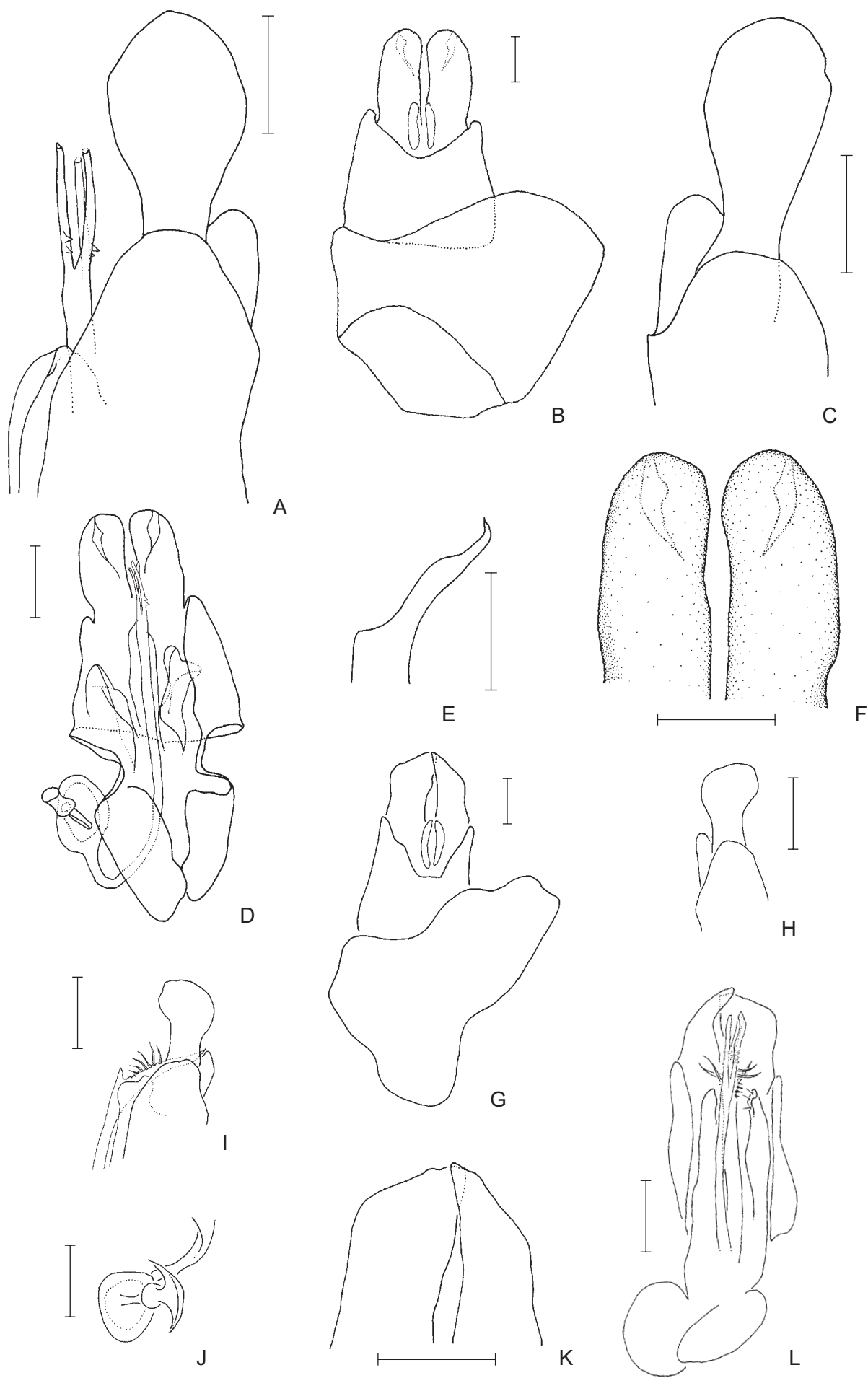


Fig. 39. Genitalia of *Eudorylas inornatus* (A–F) and *E. libratus* (G–L). – A: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide, phallus (without ST8), G: outer surstylus with phallic guide, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: ventral view with phallus (damaged) and phallic guide (without ST8), K: sperm pump with ejaculatory apodeme, L: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 39.

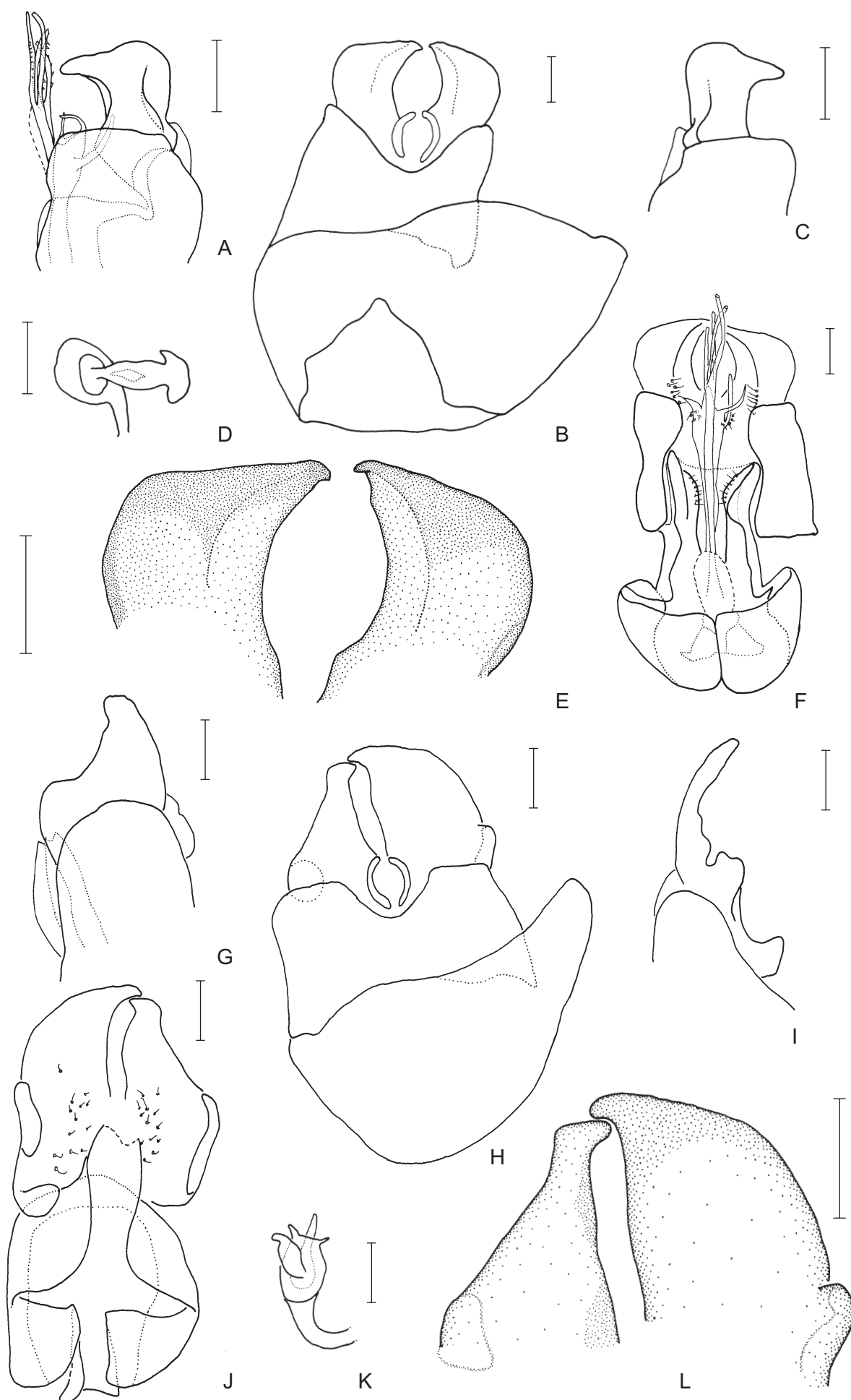


Fig. 40. Genitalia of *Eudorylas lobus* **sp. n.** (A–E) and *E. luteopilus* (F–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: ventral view with phallic guide (without ST8), F: outer surstylus with phallic guide and outer gonopod, lateral view, G: dorsal view, H: inner surstylus with epandrial process, lateral view, I: abdominal tergite 6, dorsal view, J: ventral view with phallus and phallic guide (without ST8), K: sperm pump with ejaculatory apodeme, L: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 40.

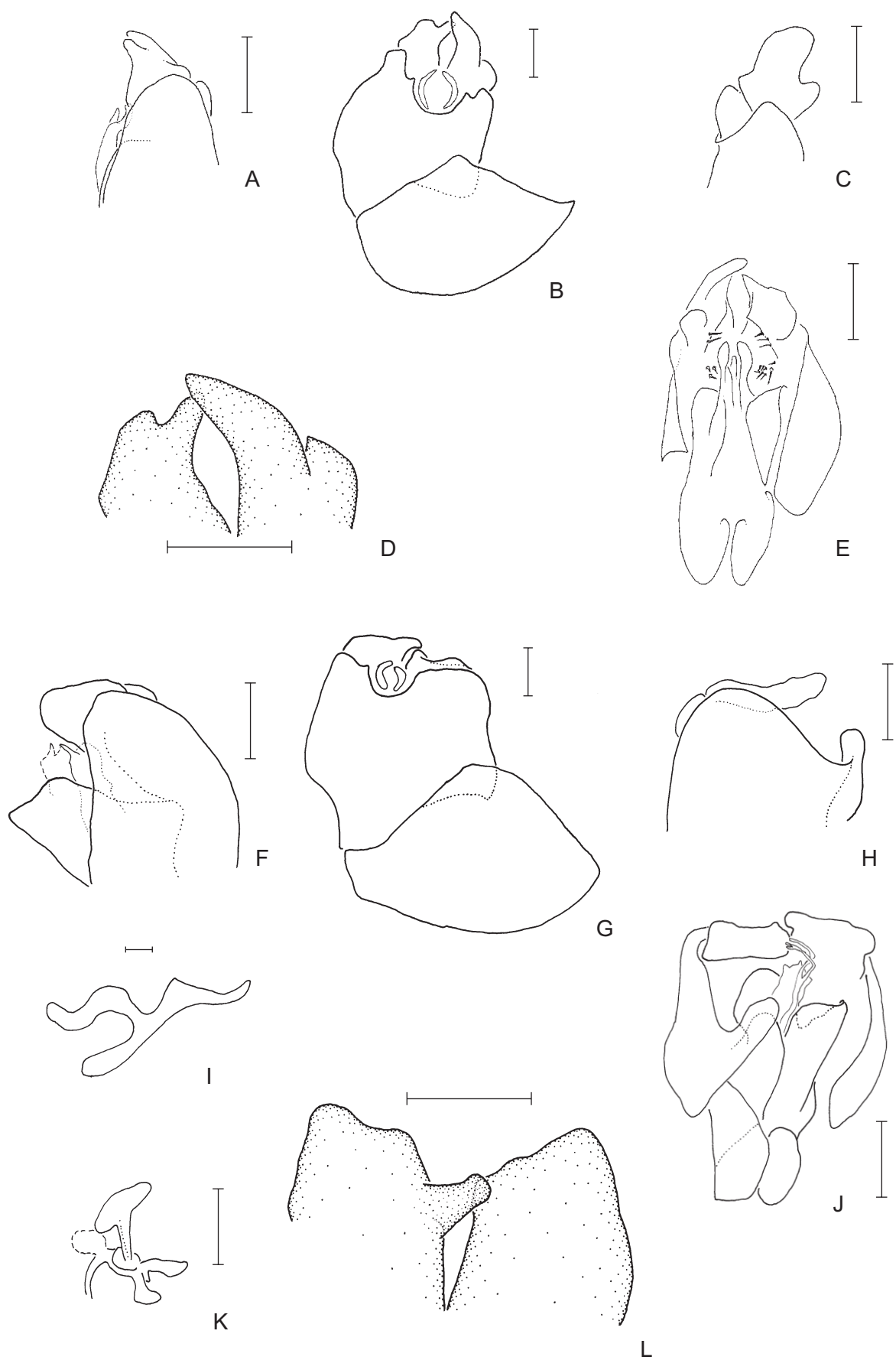


Fig. 41. Genitalia of *Eudorylas meruensis* (A–F) and *E. mikenensis* (G–L). – A: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide, phallus (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus with phallic guide and inner gonopod, lateral view, J: ventral view with phallus and phallic guide (without ST8), K: sperm pump with ejaculatory apodeme, L: surstyli, dorsal view. Scale bars: 0,1 mm

Fig. 41.

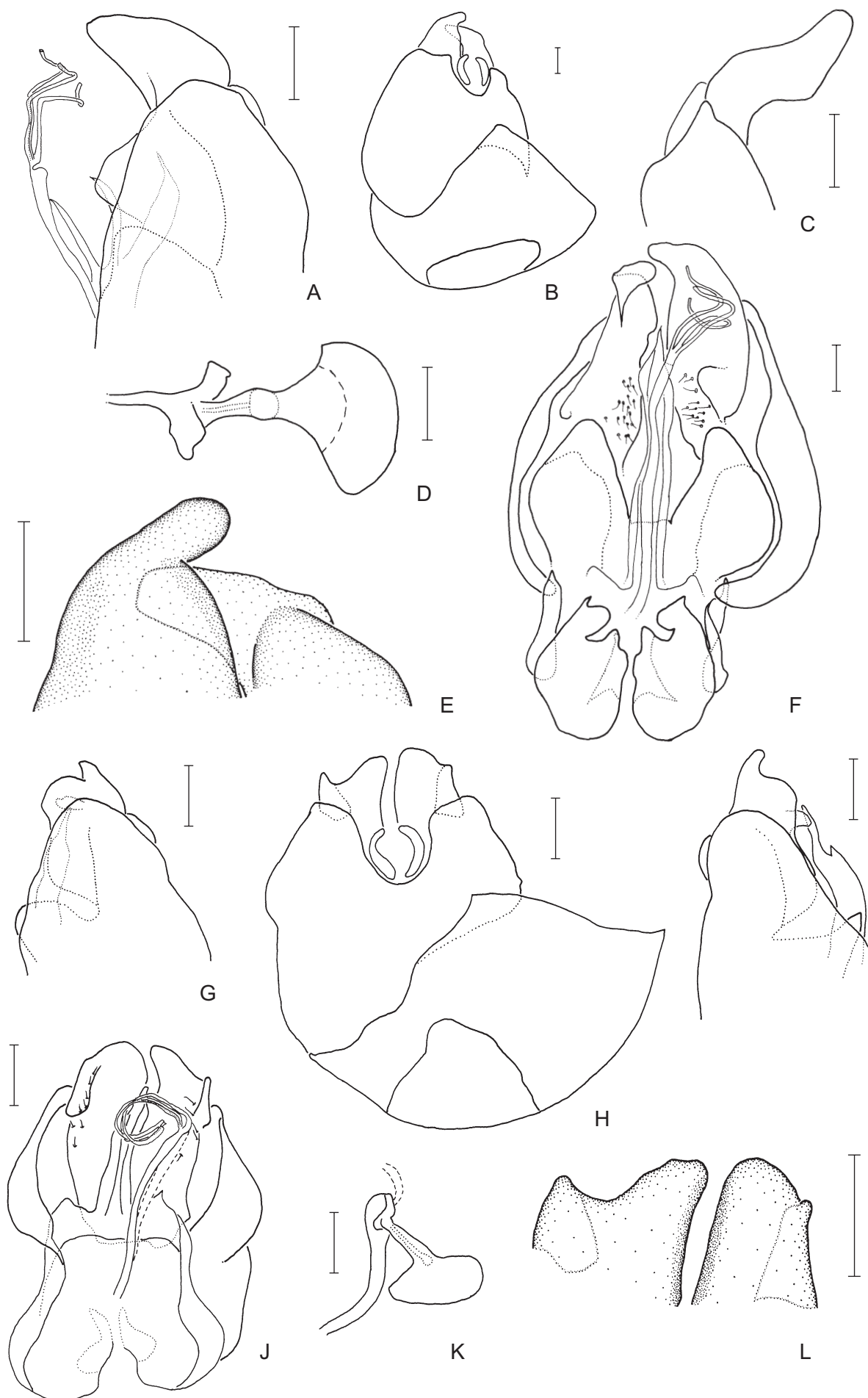


Fig. 42. Genitalia of *Eudorylas mutillatus* (A–F) and *E. natalensis* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide, phallus (without ST8), G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: ventral view with phallic guide and its process (without ST8), K: surstyli, dorsal view, L: sperm pump with ejaculatory apodeme. Scale bars: 0,1 mm

Fig. 42.

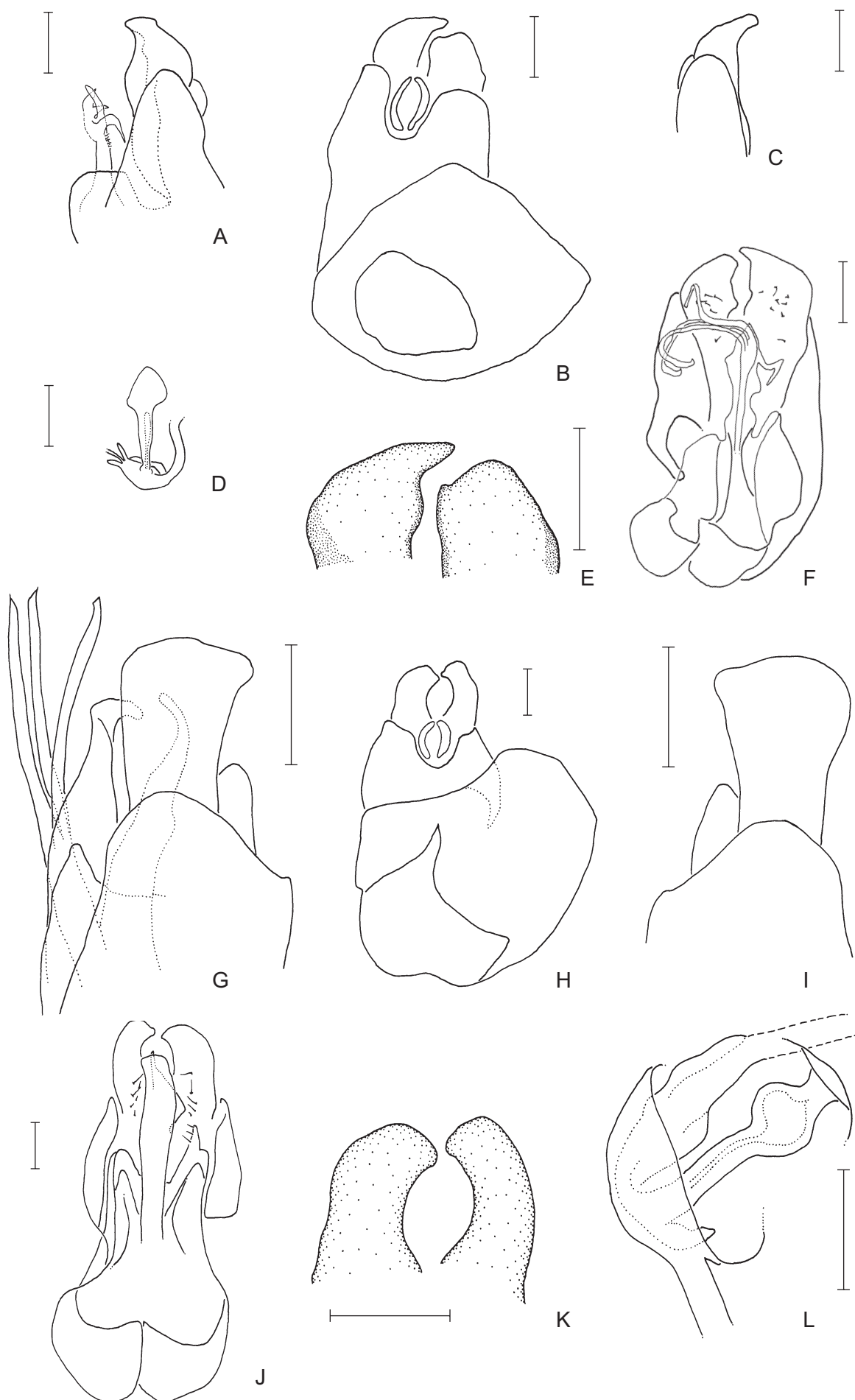


Fig. 43. Genitalia of *Eudorylas pectinatus* **sp. n.** (A–E) and *E. pilulus* **sp. n.** (F–J). – A: outer surstylus with outer gonopod, phallic guide and its projections, lateral view, B: ventral view with phallic guide and phallus (without ST8), C: inner surstylus, lateral view, D: surstyli, dorsal view, E: dorsal view, F: outer surstylus with phallic guide and outer gonopod, lateral view, G: dorsal view, H: inner surstylus, lateral view, I: surstyli, dorsal view, J: ventral view with phallus and phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 43.

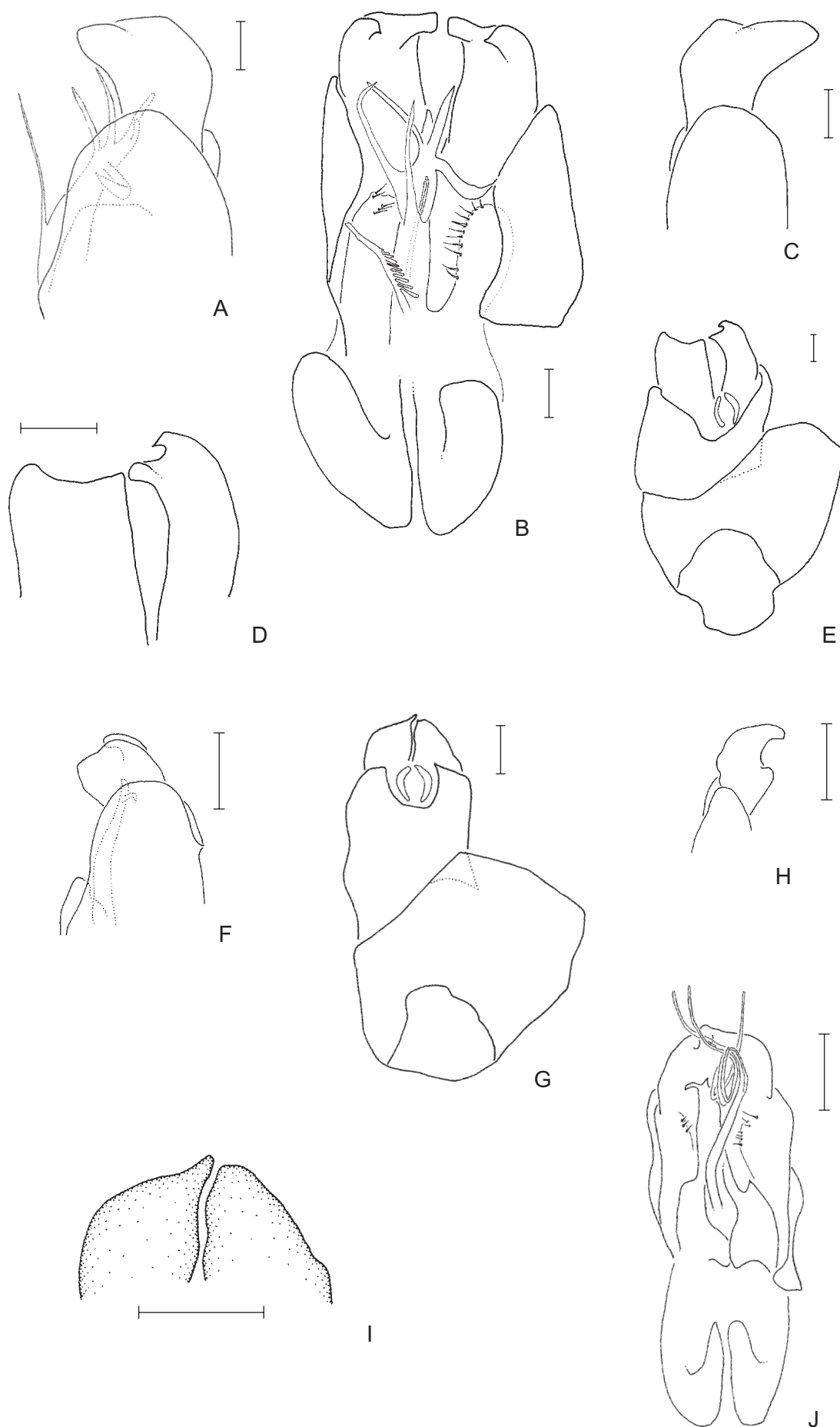


Fig. 44. Genitalia of *Eudorylas pondolandi* (A–F) and *E. porrectus* (G–L). – A: outer surstylus, lateral view, B: ventral view with phallic guide, phallus (without ST8), C: surstyli, dorsal view, D: phallic guide, lateral view, E: dorsal view (ST8 damaged), F: sperm pump with ejaculatory apodeme, G: inner surstylus (damaged), lateral view, H: outer surstylus with phallic guide and outer gonopod, lateral view, I: dorsal view, J: inner surstylus, lateral view, K: surstyli, dorsal view, L: sperm pump with ejaculatory apodeme, M: ventral view with phallus and phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 44.

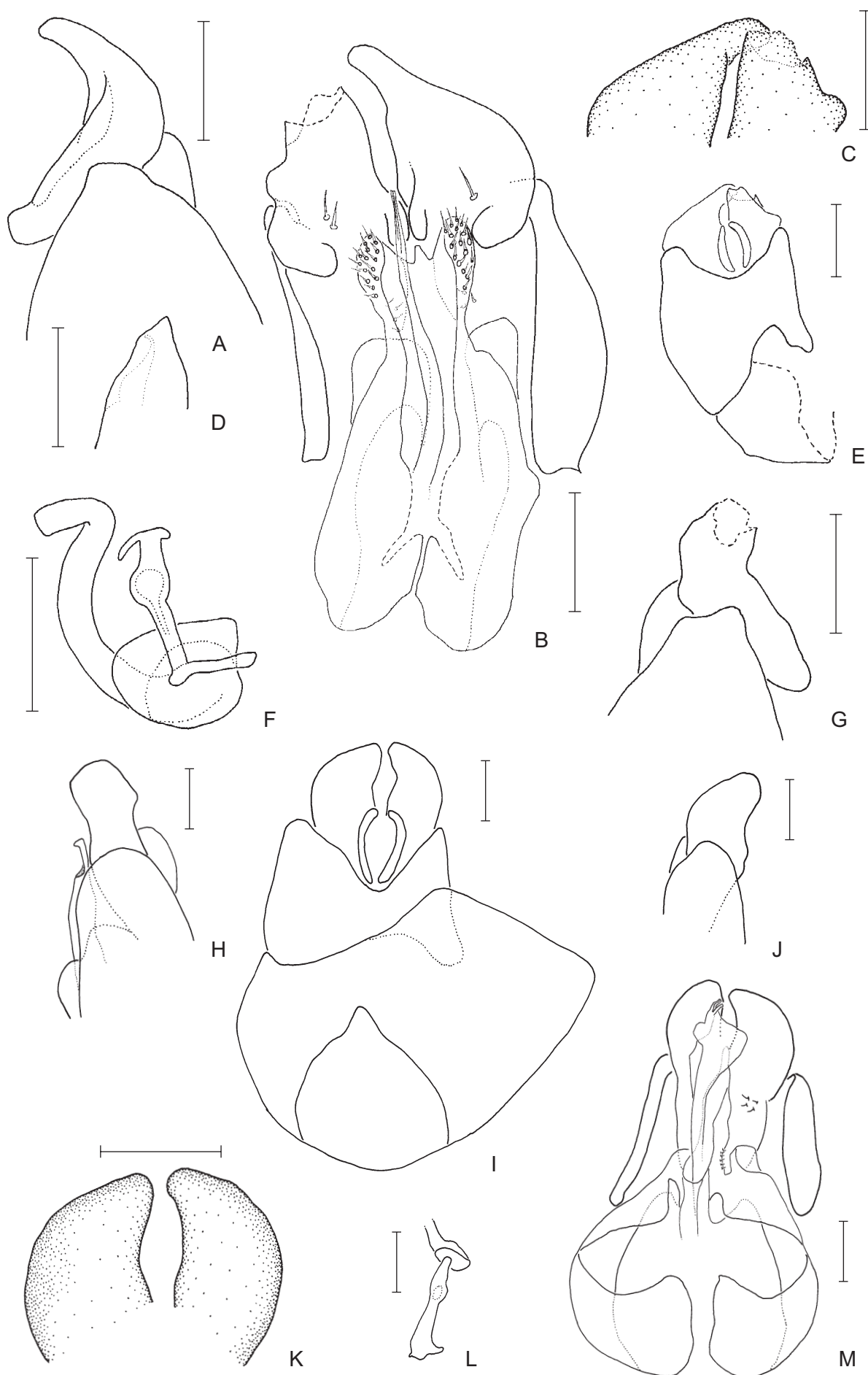


Fig. 45. Genitalia of *Eudorylas protumidus* **sp. n.** (A–E) and *E. remiformis* (F–K). – A: outer surstylus with phallic guide, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, caudodorsal view, E: ventral view with phallic guide, phallus (without ST8), F: outer surstylus with phallic guide and outer gonopod, lateral view, G: dorsal view, H: inner surstylus, lateral view, I: sperm pump with ejaculatory apodeme, J: surstyli, dorsal view, K: ventral view with phallus and phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 45.

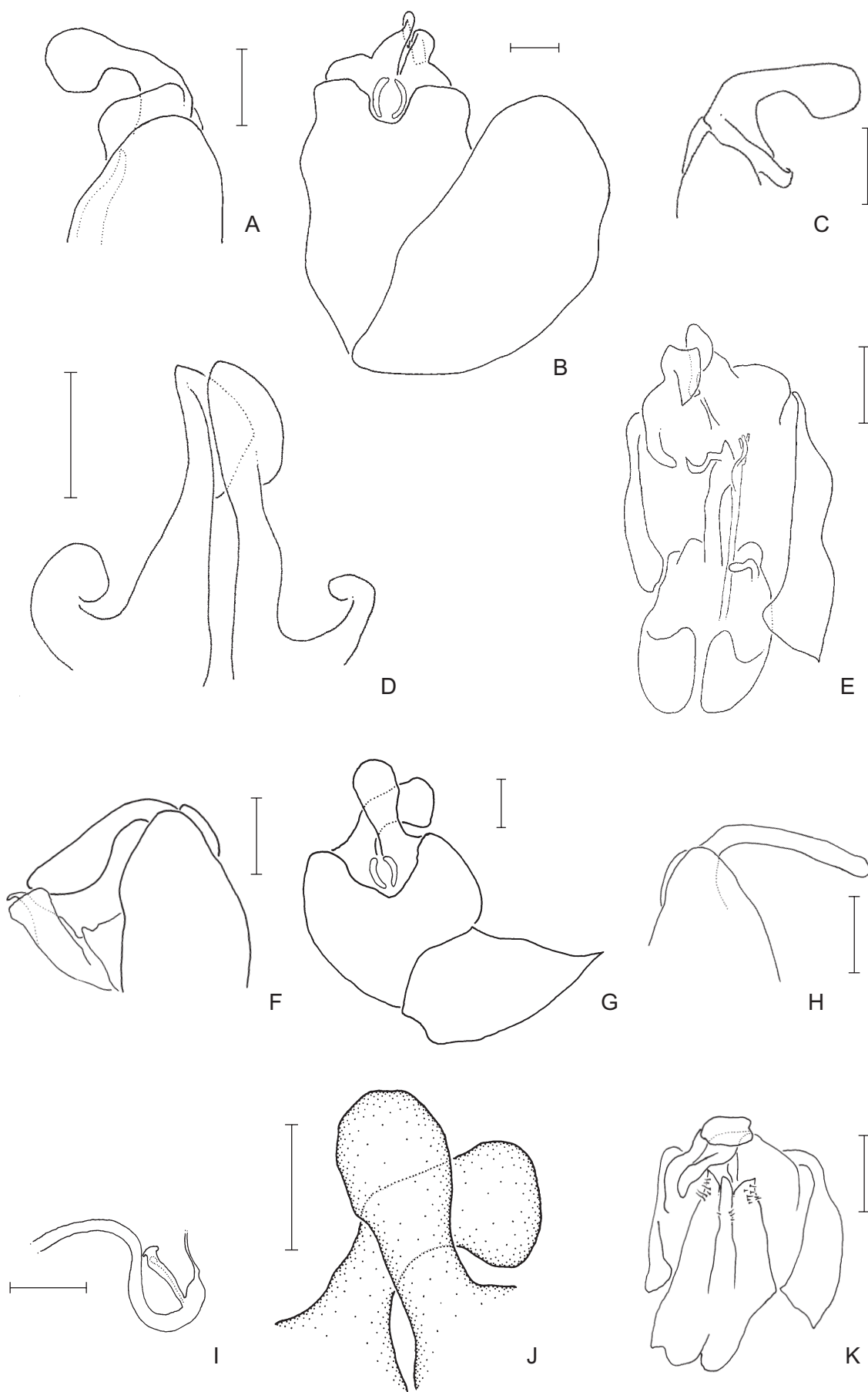


Fig. 46. Genitalia of *Eudorylas rooibergensis* **sp. n.** (A–F) and *E. rubrus* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide, phallus (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme, L: ventral view with phallus and phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 46.

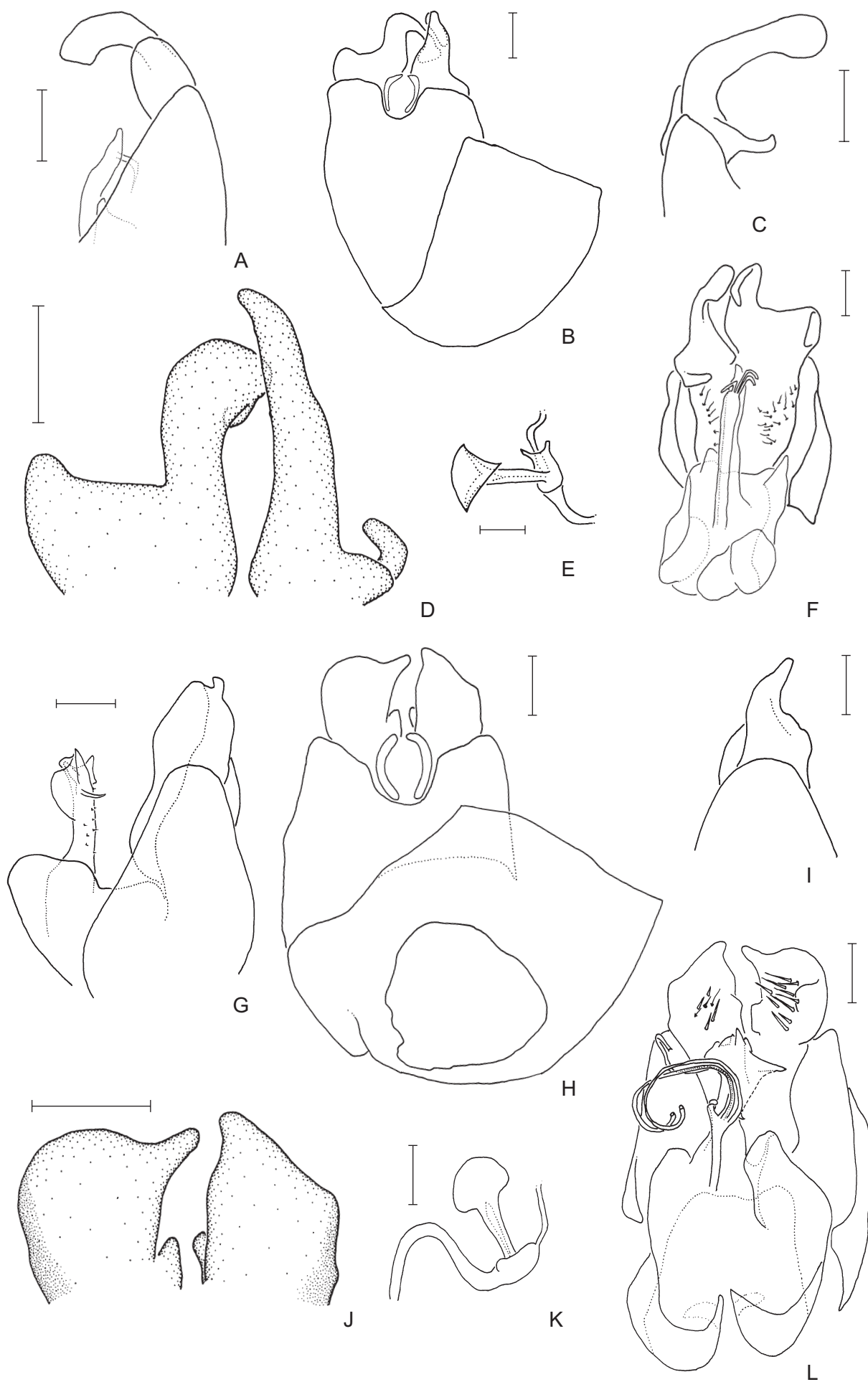


Fig. 47. Genitalia of *Eudorylas scharffi* (A–F) and *E. semiopacus* (G–L). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: ventral view with phallic guide, phallus (without ST8), G: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: surstyli, dorsal view, K: sperm pump with ejaculatory apodeme, L: ventral view with phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 47.

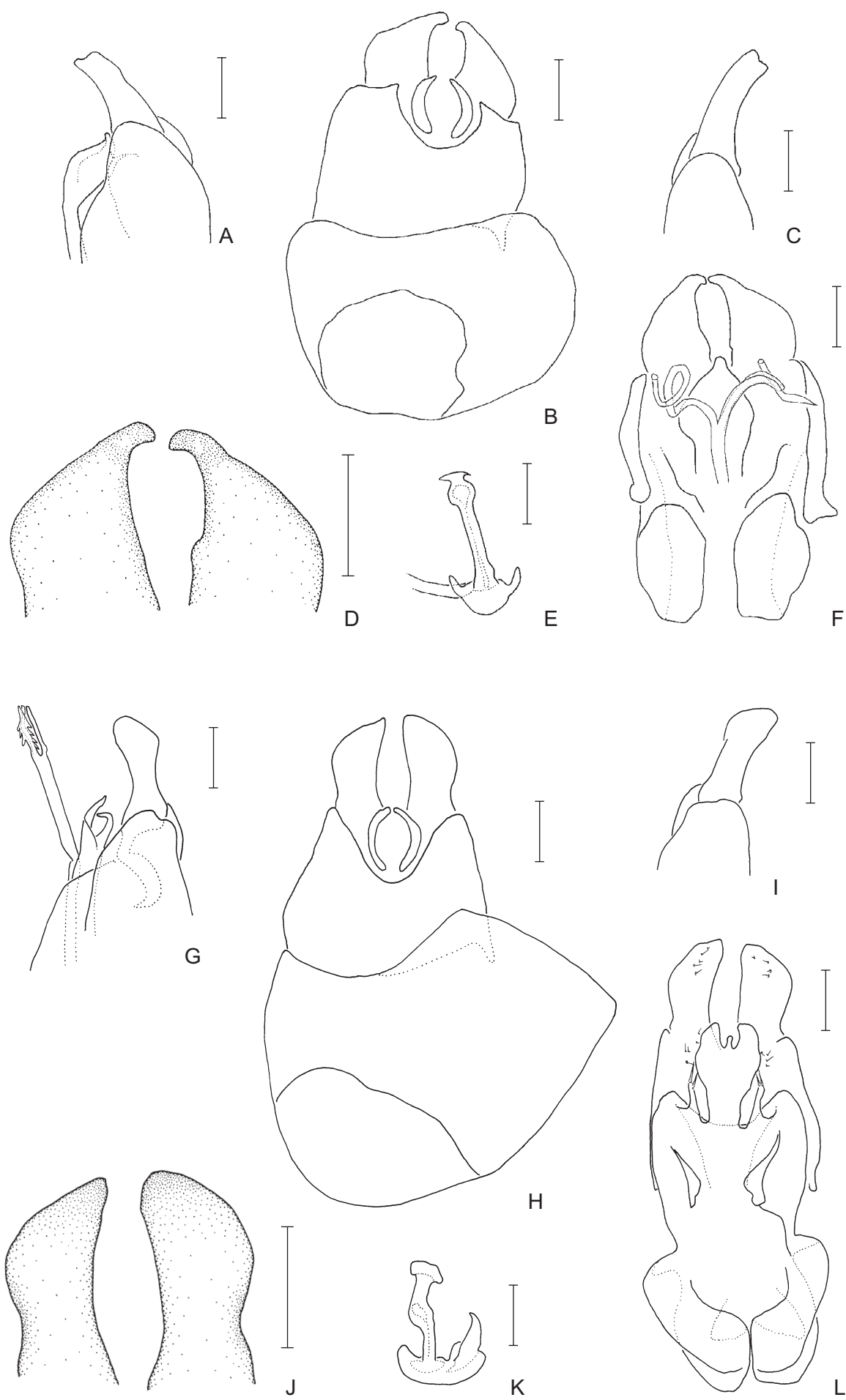


Fig. 48. Genitalia of *Eudorylas setiformis* (A–F). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: ventral view with phallic guide, phallus (without ST8), E: surstyli, dorsal view, F: sperm pump with ejaculatory apodeme. Scale bars: 0,1 mm

Fig. 48.

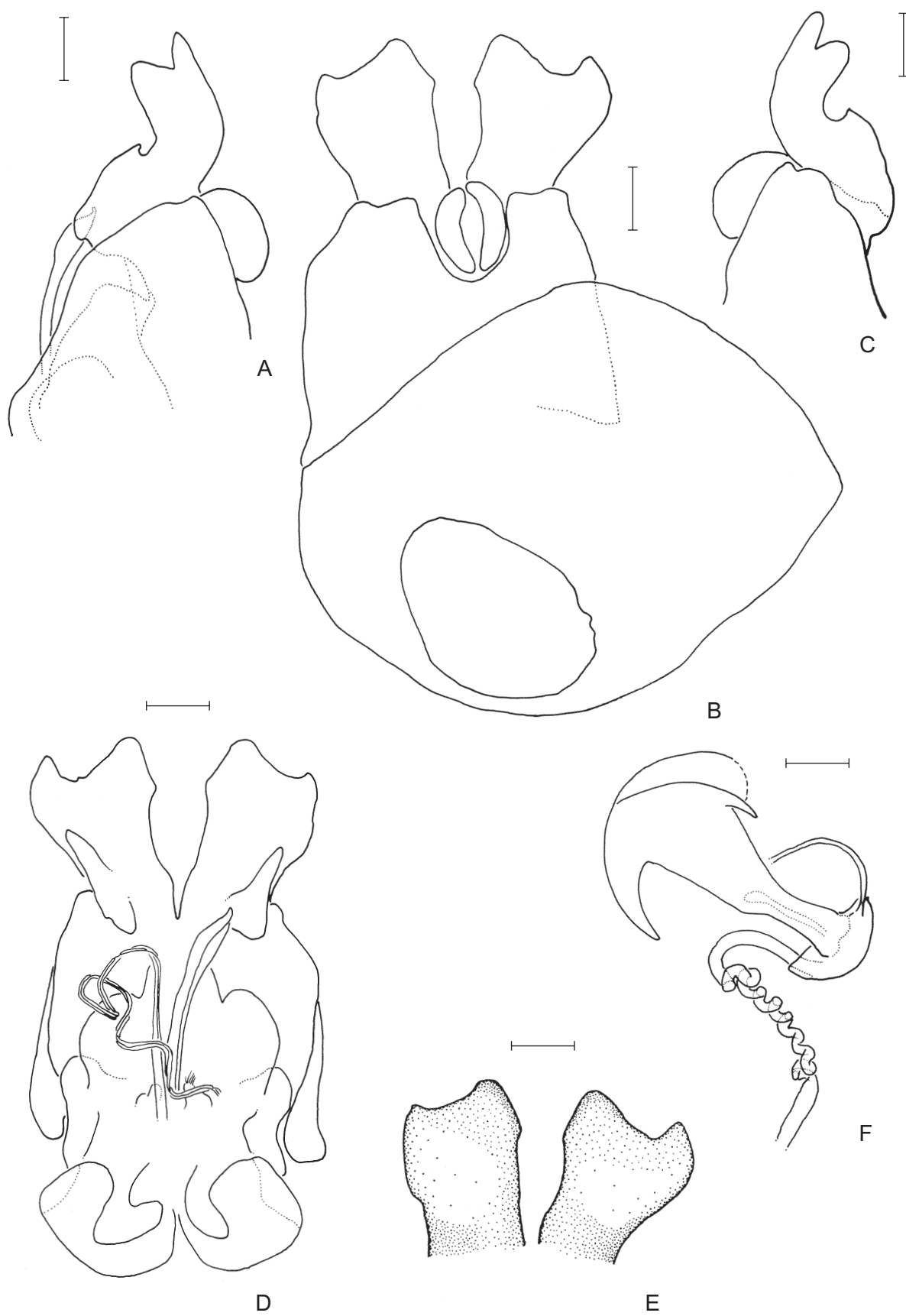


Fig. 49. Genitalia of *Eudorylas sinuosus* (A–G). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: sperm pump with ejaculatory apodeme, F: surstyli, dorsal view, G: ventral view with phallic guide, phallus and highly modified subepandrial sclerite (without ST8). Scale bars: 0,1 mm

Fig. 49.

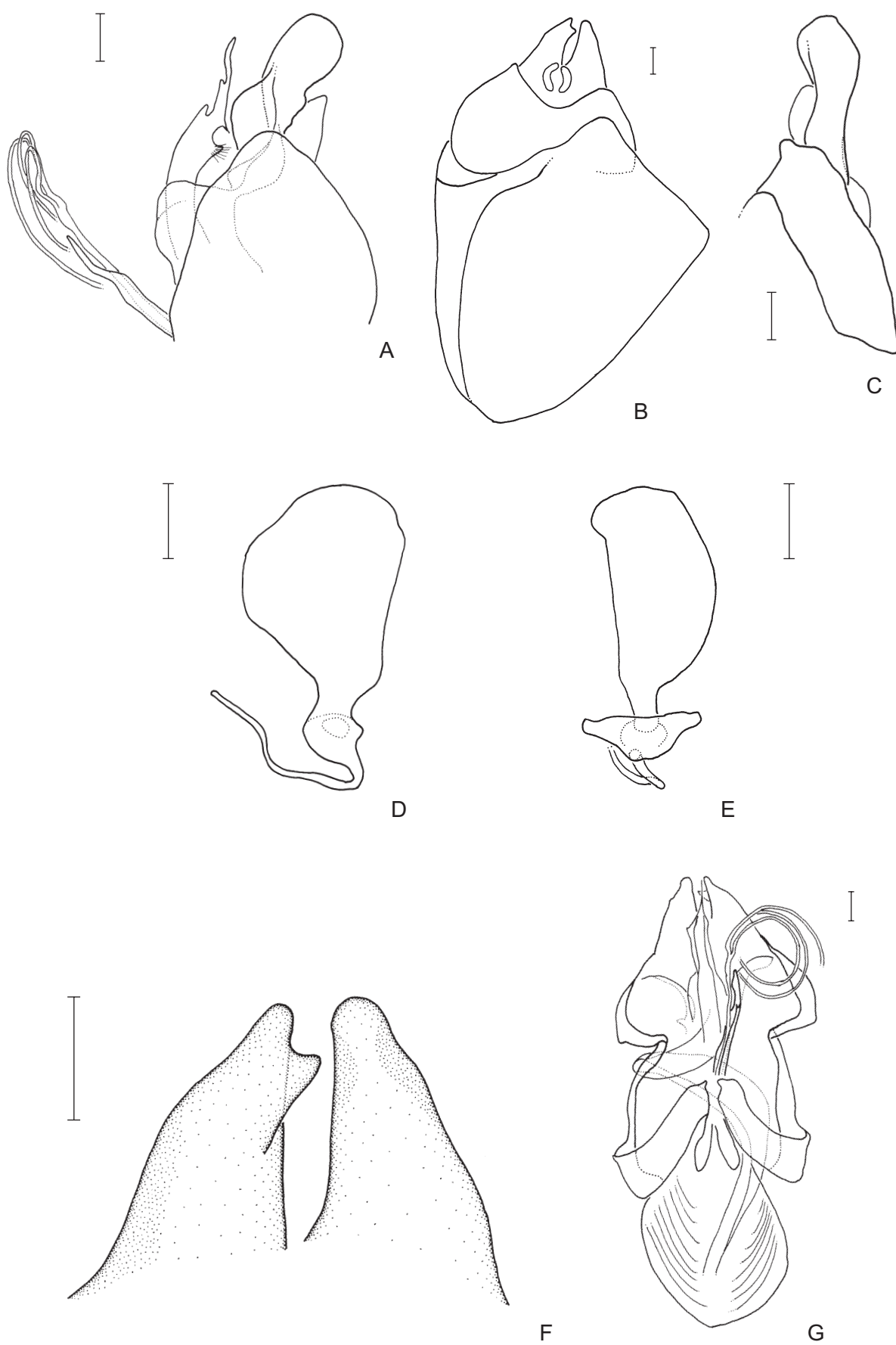


Fig. 50. Genitalia of *Eudorylas skorpionensis* **sp. n.** (A–F) and *E. garambensis* (G–N). – A: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, B: surstyli, dorsal view, C: inner surstylus, lateral view, D: sperm pump with ejaculatory apodeme, E: dorsal view, F: ventral view with gonopods (without ST8), G: outer surstylus with phallic guide and outer gonopod, lateral view, H: ventral view with phallic guide and subepandrial sclerite (without ST8), I: inner surstylus, lateral view, J: sperm pump with ejaculatory apodeme, K: surstyli, dorsal view, L: dorsal view, M: phallic guide, ventral view, N: phallus, lateral view. Scale bars: 0,1 mm

Fig. 50.

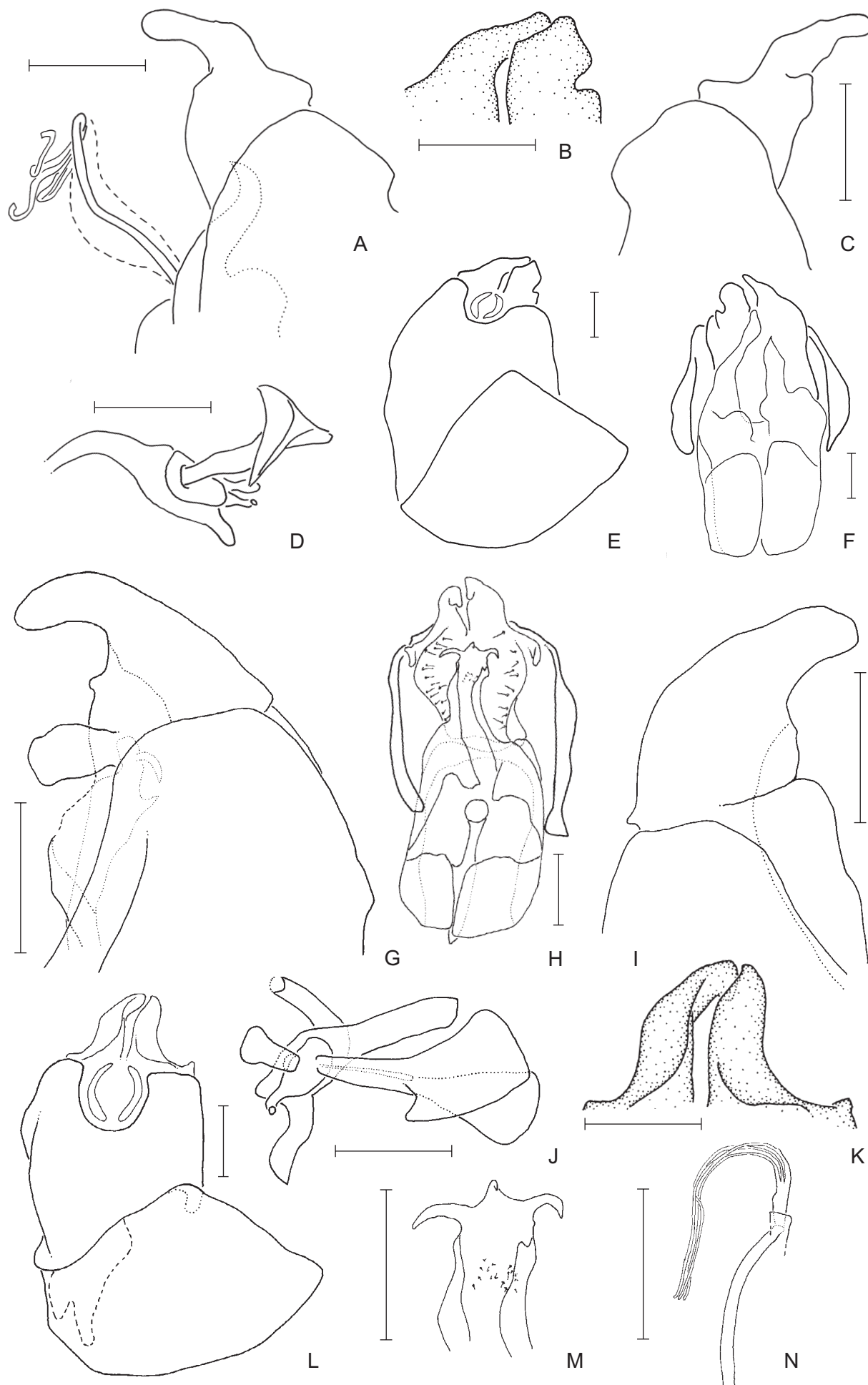


Fig. 51. Genitalia of *Eudorylas tanzaniensis* (A–G) and *E. umbrinus* (H–M). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus with epandrial process, lateral view, D: sperm pump with ejaculatory apodeme, E: ventral view with phallic guide, phallus (without ST8), F: abdominal tergite 6 (with projection) and 5, G: surstyli, dorsal view, H: outer surstylus with phallic guide and outer gonopod, lateral view, I: ventral view with phallus and phallic guide (without ST8), J: inner surstylus, lateral view, K: sperm pump with ejaculatory apodeme, L: surstyli, dorsal view, M: dorsal view. Scale bars: 0,1 mm

Fig. 51.

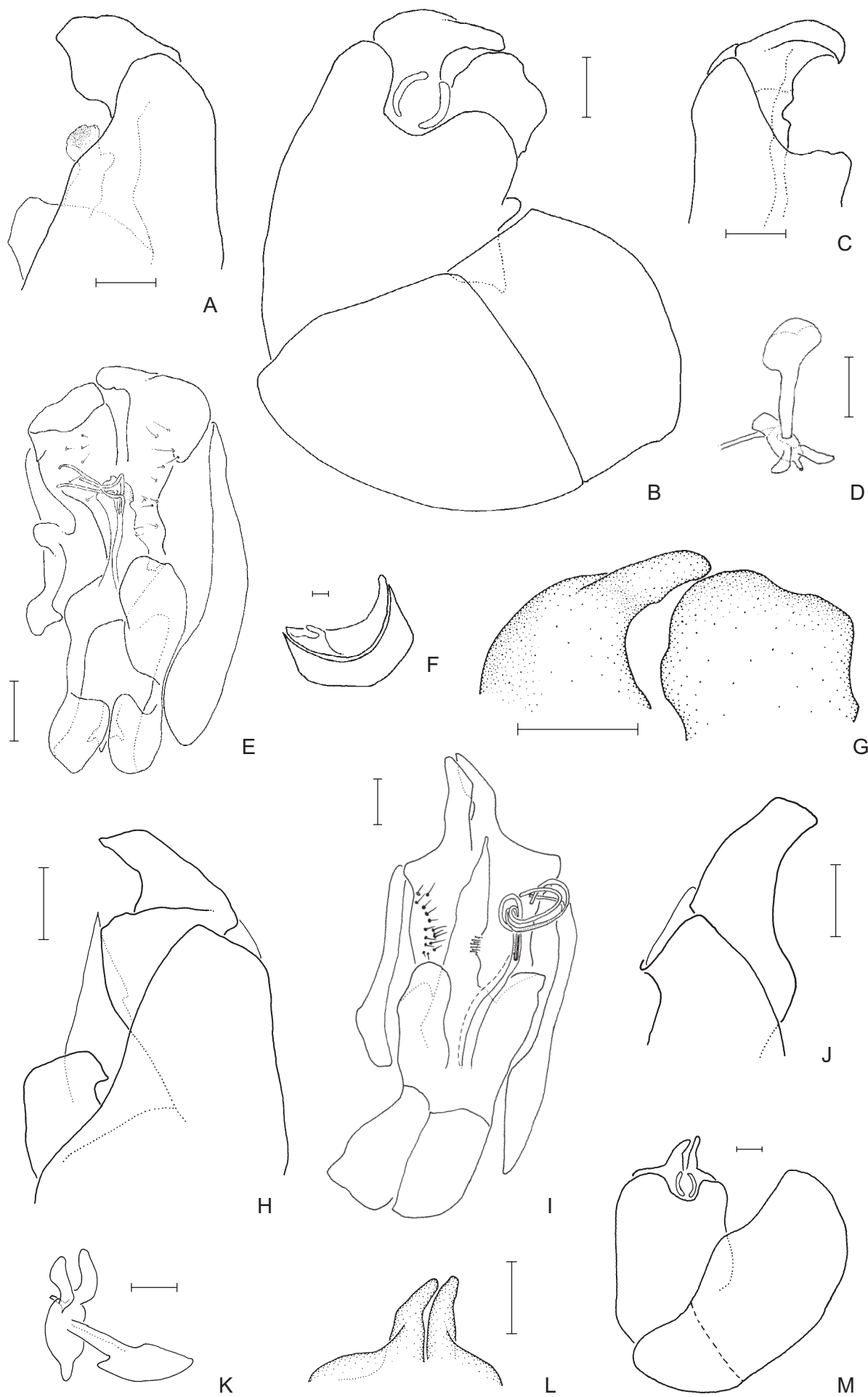


Fig. 52. Genitalia of *Eudorylas unaninus* (A–F) and *E. wittei* (G–L). – A: outer surstylus with phallic guide, phallus and outer gonopod, lateral view, B: ventral view with phallic guide, phallus (without ST8), C: inner surstylus, lateral view, D: surstyli, dorsal view, E: sperm pump with ejaculatory apodeme, F: dorsal view, G: outer surstylus with phallic guide and outer gonopod, lateral view, H: dorsal view, I: inner surstylus, lateral view, J: phallus with sperm pump and ejaculatory apodeme, K: surstyli, dorsal view, L: ventral view with phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 52.

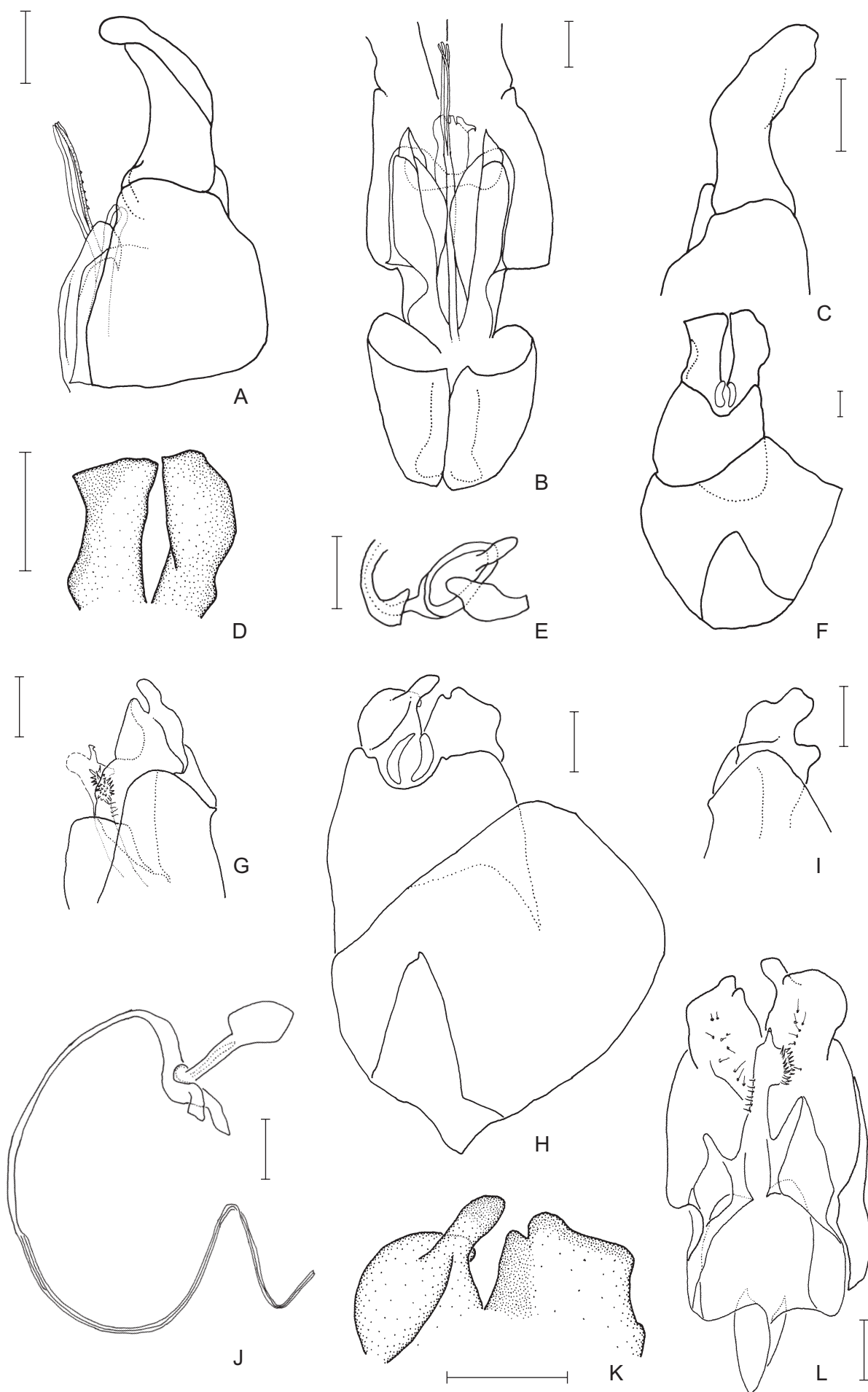


Fig. 53. Genitalia of *Eudorylas vicarius* (A–F). – A: outer surstylus with phallic guide and outer gonopod, lateral view, B: dorsal view, C: inner surstylus, lateral view, D: phallus with sperm pump with ejaculatory apodeme, E: surstyli, dorsal view, F: ventral view with phallic guide (without ST8). Scale bars: 0,1 mm

Fig. 53.

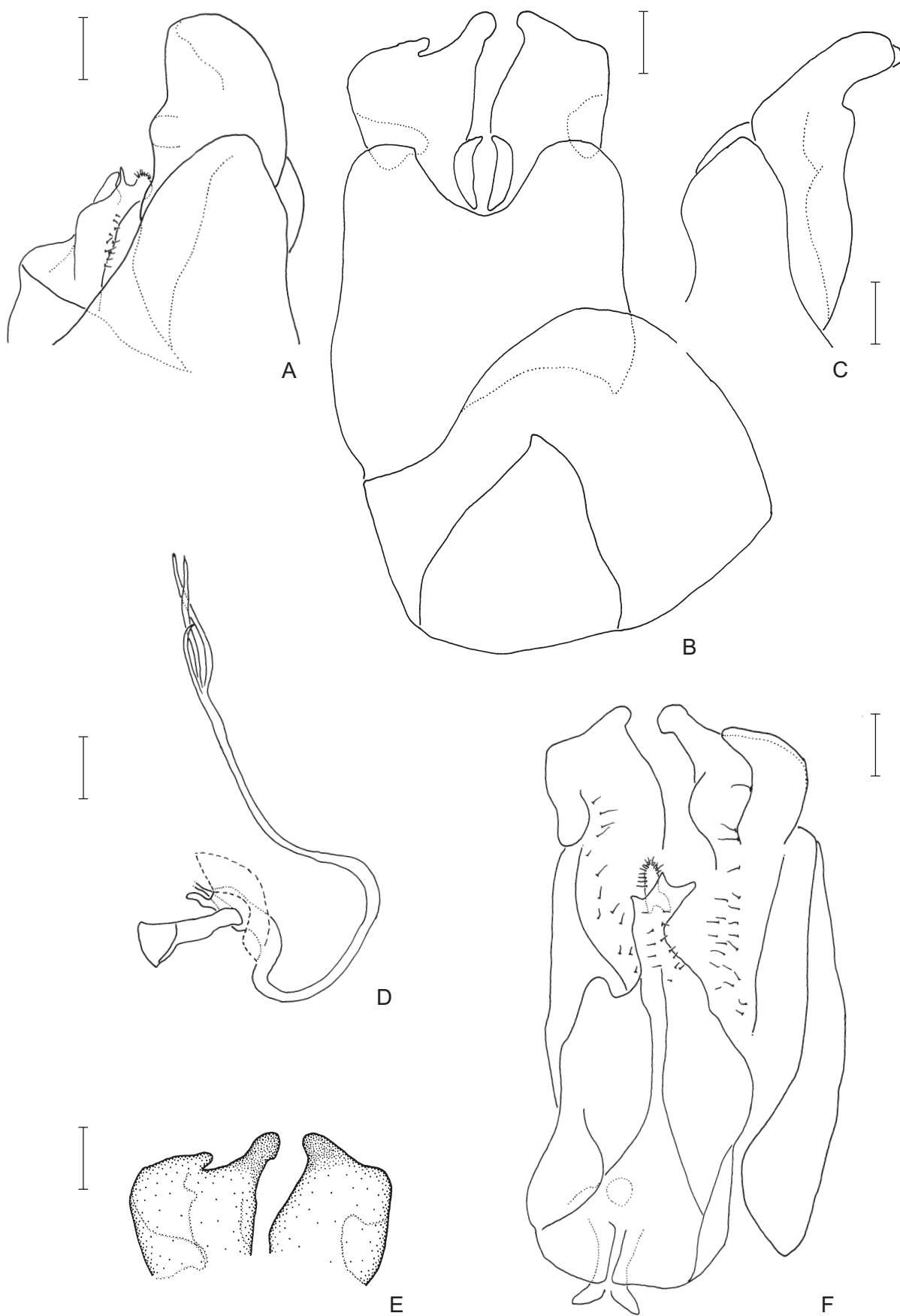


Fig. 54. Female ovipositors. – A: *Eudorylas liberia*, B: *Eudorylas setiformis*, C: *Eudorylas aemulus*, D: *Eudorylas garambensis*, E: *Eudorylas remiformis*, F: *Eudorylas eremnoptera* (*E. mutillatus*), G–H: *Eudorylas definitus* (*E. excisus*), I: *Eudorylas facetus*, J–K: *Dasydorylas quasidorsalis*, L: *Eudorylas amuscarinum*, M: *Eudorylas abdominalis*, N–O: *Clisto-abdominalis namibiensis* **sp. n.**, P: *Eudorylas mutillatus*, Q: *Eudorylas femoralis* **sp. n.**, R: *Eudorylas ghesquierei*, S: *Dasydorylas okongoensis* **sp. n.**, T–U: *Eudorylas angustus*, V: *Eudorylas excisus*. Scale bar: 0,5 mm

Fig. 54.

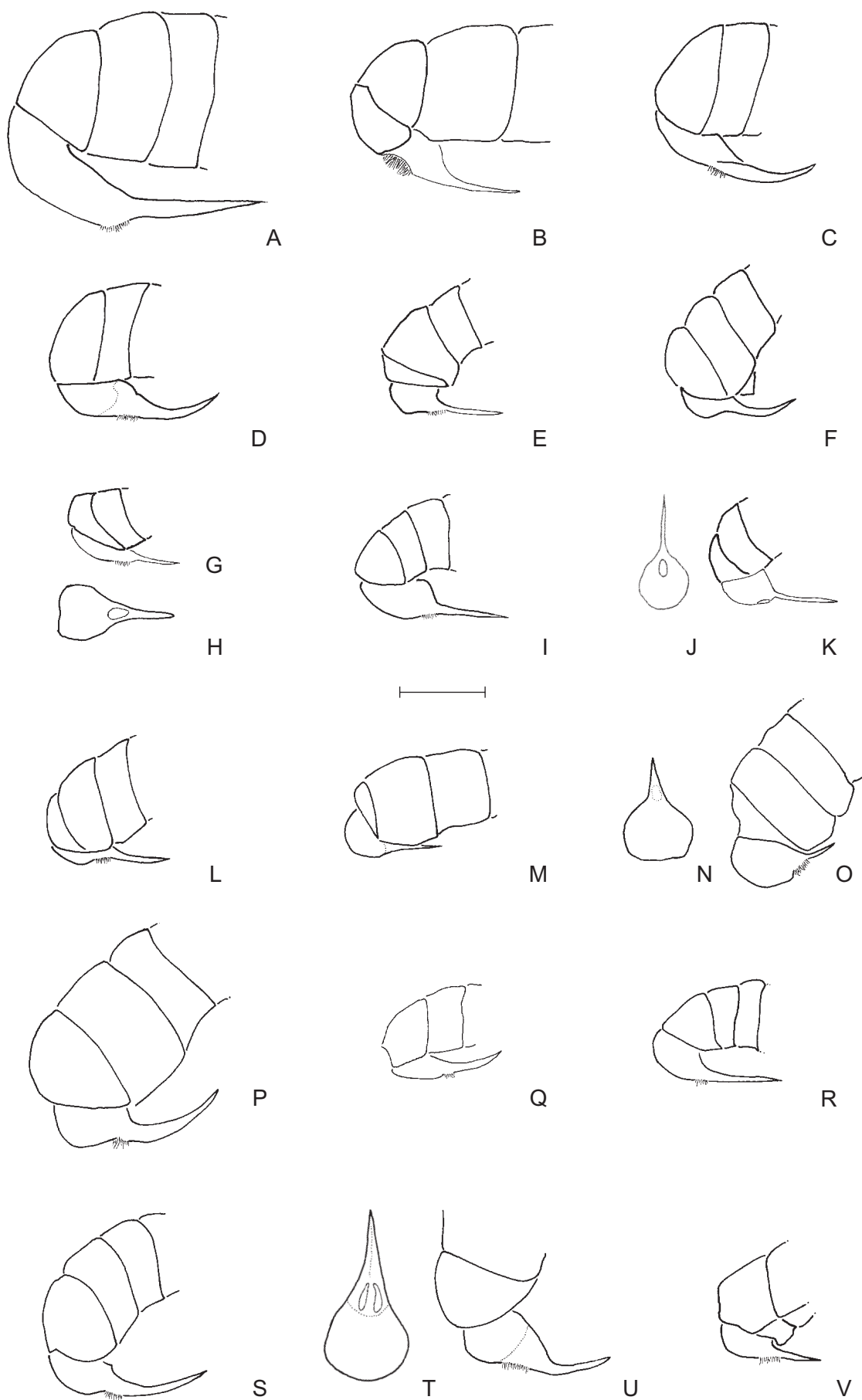


Fig. 55. Female ovipositors. – A–B: *Eudorylas aethiopicus*, C–D: *Eudorylas bredoi*, E: *Clistoabdominalis lomholdti*, F: *Clistoabdominalis confusoides*, G: *Eudorylas falcatus*, H–I: *Eudorylas flexus*, J: *Clistoabdominalis crassus*, K: *Eudorylas setiformis*, L: *Clistoabdominalis lomholdti*, M: *Dasydorylas sordidatus*, N–O: *Eudorylas mikenensis*, P–Q: *Eudorylas decorus*, R–S: *Eudorylas galeatus*, T: *Eudorylas sinuosus*, U: *Eudorylas wittei*, V–W: *Dasydorylas dorsalis* (*D. evanidus*). Scale bar: 0,5 mm

Fig. 55.

