ABSTRACT – The morphology and histology of testis of the adult male blister beetle *Mylabris indica* were described and the testes which lie on either side of the midgut region. Each testis composed of numerous follicle incompletely separated by thin membrane, radically arranged, yellowish in colour and entire structure, covered by a crystalline like layer of peritoneal membrane. The testicular follicles were separated with the help of the interstitial connective tissues. This connective tissues were contained some individual cells as like that of interstitial cells in higher vertebrate testis. In sexually mature individuals, the testicular tubes were completely filled with number of cyst at different phases of spermatogenesis. SEM changes have revealed that the occurrence of custard apple like clusters of tubes in a globular shape with numerous myoepithelial cells. Internally, it consisted of pinocytotic pits meant for secretory in function.

*Keywords*: *Mylabris indica*, testicular follicules, spermatogenesis.