

# Developmental morphology of the spermatophore of the Mediterranean field cricket, gryllus bimaculatus.

University of Derby] - Detailed developmental morphology of the spermatophore of the Mediterranean field cricket, *Gryllus bimaculatus* (De Geer) (Orthoptera: Gryllidae)



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Description: -

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## Morphology and development of the accessory glands in various female cricket species

To gain a better understanding of its mechanistic and functional significance, we investigated the morphology and physiology of the genital membrane complex. We found no significant relationship between mate guarding intensity and male body mass.

## The intensity of pre

D Crossed sectional view of B. Lower, internal view of the ventral lobes after the flaps were opened to the right and left refer to large gray arrows in the upper figure.

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A few seconds later, the copulatory papilla of the female moves posteriorly through the soft lateral walls of the genital chamber, slipping out of its membranous sheath C and C. In this study, the influence of intermating interval and ad libidum mating on sperm number was investigated in black field crickets *Teleogryllus commodus*. A Figure in the mat-ing stage.

## Copulation in the Cricket is Performed by Chain Reaction

This consists of the epiphallus Ep , dorsal pouch DP , guiding rod GR , ectoparameres Ecp , ventral lobes VL and median pouch MP. Two black zones are the openings of the lateral pouches. For examination under a light microscope, tissue of the genital chamber was removed and floated on saline overnight this material floats on saline due to its extreme hydrophobicity.

## Morphology and development of the accessory glands in various female cricket species

Following the CAFE manual, we first calculated the birth-death parameters with the OGs having less than 100 genes.

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