

# Click Beetles (Coleoptera: Elateridae) and their Seasonal Swarming as Established by Pheromone Traps in Different Plant Habitats in Bulgaria: 2. Maize

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**Abstract:** Sex pheromone traps were used for detection and seasonal monitoring of *Agriotes* species in maize field in Bulgaria in 2002 and 2003. Males of five species of this genus were caught: *A. sputator* (L.), *A. ustulatus* (SCHÄLLER), *A. proximus* Schwarz, *A. gurgistanus* Fald. and *A. rufipalpis* Brullé. *A. ustulatus* males were caught only in the traps baited with a lure for this species, and *A. proximus* males - only in the traps baited with a lure for *A. lineatus*. High species specificity was found also for baits for *A. obscurus*, but in relation to *A. rufipalpis* males. *A. sputator* and *A. gurgistanus* were attracted in a significant number to more than one bait. The swarming period of *A. sputator* lasted from the beginning of April till the first part of July. Catches of *A. proximus* were registered from the end of April till the middle of July and catches of *A. rufipalpis* - from the end of April till the middle of September. A short swarming period was found for *A. ustulatus* and *A. gurgistanus* - in both species the swarming period started at the beginning - the middle of June and lasted till the middle of July.

**Key words:** click beetles, *Agriotes*, maize, sex pheromone traps