

Click Beetles (Coleoptera: Elateridae) and Their Seasonal Swarming as Established by Pheromone Traps in Different Plant Habitats in Bulgaria: 3. Potato

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Abstract. Six *Agriotes* species: *A. sputator* (L.), *A. proximus* SCHWARZ, *A. brevis* CANDEZE, *A. obscurus* (L.), *A. ustulatus* SCHÄLLER and *A. acuminatus* STEPHENS, as well as two other species of the family Elateridae: *Agrypnus murinus* (L.) and *Cidnopus minutus* (L.), were caught by sex pheromone traps in the region around the town of Samokov in 2002, 2004 and 2005. The most abundant were *A. proximus* and *A. sputator* followed by *A. brevis*. All *A. ustulatus* and *A. obscurus* males and almost all *A. sputator* and *A. brevis* males were caught in their target traps and almost all *A. proximus* males in traps for *A. lineatus* L. Males of *A. acuminatus* were found in both *A. sputator* and *A. brevis* traps. Catches of *A. sputator*, *A. proximus* and *A. brevis* were recorded just after installing the traps in field in May. The swarming of these species lasted until August. Catches of another relatively numerous species, *A. acuminatus*, were recorded only in May and June. *A. acuminatus* was established for the first time in the Rila-Rhodope zoogeographical region.

Key words: click beetles, *Agriotes*, potato, sex pheromone traps, monitoring