

Click Beetles (Coleoptera: Elateridae) and Their Seasonal Swarming as Established by Pheromone Traps in Different Plant Habitats in Bulgaria: 4. Tobacco

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Abstract: Four *Agriotes* species: *A. lineatus* L., *A. rufipalpis* Brullè, *A. sputator* (L.), and *A. ustulatus* SCHÄLLER were caught in tobacco field in the region of Gotse Delchev, South Bulgaria, in 2006 by means of sex pheromone traps. The most numerous species was *A. ustulatus* with more than 700 specimens caught. All *A. lineatus* and *A. ustulatus* males were caught in their target traps. Males of *A. rufipalpis* were found in the target (74.5%), *A. obscurus* (24.5%) and *A. lineatus* (1.0%) traps and of *A. sputator* – in the target (36.2%), *A. brevis* (59.4 %) and *A. lineatus* (4.4%) traps. The swarming period of the most numerous species, *A. ustulatus*, was from the middle of June to the beginning of August. Catches of *A. lineatus* and *A. sputator* were recorded from April to the middle of June and end of July, respectively. *A. rufipalpis* adults were found in the traps from the middle of May until the beginning of August.

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