

Abstract: Duration of flight periods were determined for most numerous species of social wasps for two decades 1981-1990 and 1991-2000. The tendency to shorten the duration of wasps' flight periods by 12-18% was observed during 1990s. An attempt was undertaken to associate this phenomenon with observed climatic changes that shape nutritional resources of Vespinae.

Key words: Wasps (*Hymenoptera: vespinae*), phenology, Kujawy region, climate change