An observation is reported of the attraction of adult *Spodoptera exempta* (Walker 1856) to moonlight. The observation was made at Vipingo, N° of Mombasa (latitude 3° 50’ S, 39° 10’ E). The numbers of moths visible in the photographs are shown in the histograms, with significance of distribution indicated by circles (empty, half darkened, darkened) and indication of the position of the moon during the night of observation.

**Fig 1:** Histograms showing the sectorial distribution of photographed moths, *Spodoptera exempta* (Walker 1856) [Lepidoptera: Noctuidae], throughout the night of observation. - **Time** hours local time, **N** numbers of moths visible in the photographs, (p) significance of distribution, **NS** not significant; **circles** (empty, half darkened, darkened) indication of eclipse position of the moon, also indication of the rising sun.