

# OVERWINTERING AND NEW RECORDS OF INVASIVE HARLEQUIN LADYBIRD *HARMONIA AXYRIDIS* (PALLAS, 1773) (COLEOPTERA: COCCINELLIDAE) AFTER MASS EXPANSION TO EUROPEAN PART OF RUSSIA IN 2018–2019

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**Abstract.** The data on the first record of harlequin ladybird (*Harmonia axyridis*) in Ryazan, Tula, Tver, Oryol, Orenburg regions and the Udmurt Republic are presented. On the studied parts of invasive distribution area of *H. axyridis*, the development of two generations is recorded. *H. axyridis* winters during imaginal diapause, gathering in large groups. The date of the migratory flight varies from early September to mid-October. Many bugs die of starvation during the postwintering period. Overwintering specimens of *Harmonia axyridis* (after mass expansion to European part of Russia in 2018–2019) were recorded in many regions in 2020: Kursk, Penza, Samara, Saratov, Volgograd, Astrakhan regions, the Republic of Mordovia, Tatarstan and Chuvash Republic.

**Key words:** *Harmonia axyridis*, harlequin ladybird, multicolored Asian ladybird, invasive species, fauna, new records.

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