

Phytoecia in Ukraine (Coleoptera: Cerambycidae)

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The genus *Phytoecia* Dejean, 1835 is one of the largest within Cerambycidae, with more than 300 species distributed in Europe, Asia and Africa. Only 18 species are known in Ukraine (Zamoroka, 2022). Here I presented short review of the genus *Phytoecia* in Ukraine.

1. *Phytoecia (Helladia) praetextata* (Steven, 1817) – East-Mediterranean species. The most records of this species originated from Crimea Peninsula in Ukraine (Zahajkevych, 1991; Bartenev, 2009; Zamoroka, 2022). However, Pjatakowa (1930) reported it from Eastern Podillya.

2. *Phytoecia (Helladia) millefolii* (Adams, 1817) – East-Mediterranean species. In Ukraine, it is known mainly from Crimea Peninsula (Bartenev, 2009; Zahajkevych, 1991; Zamoroka, 2022). Records (Okhrimenko et al., 2016) from the Ukrainian mainland is questionable and need confirmation.

3. *Phytoecia (Pilemia) tigrina* (Mulsant, 1851) – Ponto-Pannonic species. It spreads within Pannonian (Zakarpattia) Plane and West Podillya Highland in Ukraine (Zamoroka, 2022). Since 2021 *Ph. tigrina* is listed in V edition of the Red Book of Ukraine.

4. *Phytoecia (Pseudopilemia) hirsutula* (Frölich, 1793) – Steppe-West Palearctic species. It is the most common species within steppes of Southern Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).

5. *Phytoecia (Musaria) affinis* (Harrer 1784) – West Palearctic species. It is very common within all territory of Ukraine except southern steppes (Zamoroka, 2022). In Ukraine it is represented by two subspecies:

- ssp. *Phytoecia (Musaria) affinisaffinis* (Harrer 1784) spreads the most territory of Ukraine.

- ssp. *Phytoecia (Musaria) affinisvolgensis* Kraatz, 1883 spreads on the extreme east of Ukraine, eastern of SiverskyiDinets River.

6. *Phytoecia (Musaria) rubropunctata* Goeze 1777 – Ponto-Pannonic species. It spreads within southern steppes in Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022). It also should be present in Zakarpattia Region of Ukraine, since it is known from Hungary and Slovakia.

7. *Phytoecia (Musaria) argus* (Frölich, 1793) Ponto-Pannonic species. Its presence in Ukraine is questionable (Zamoroka, 2022). Danilevsky (2020) indicated it for Ukraine, however the certain records remain unknown for me.

8. *Phytoecia (Musaria) faldermanni* (Faldermann, 1837) – Steppe-West Palearctic species. In Ukraine, it spreads within Crimea Peninsula and southern steppes east of Dni pro River (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).

9. *Phytoecia (Cardoria) scutellata* (Fabricius, 1792) – Ponto-Pannonic species. It spreads within steppes and East Pannonia (Zakarpattia)Plane in Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).

10. *Phytoecia (Phytoecia) caerulea* (Scopoli, 1772) – West Palearctic species. It is widely distributed in Ukraine except north (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).

11. *Phytoecia (Phytoecia) cylindrica* (Linnaeus, 1758) – West Palearctic species. This species distributed within all territory of Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).
12. *Phytoecia (Phytoecia) icterica* (Schaller, 1783) – West Palearctic species. It spreads within all of Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).
13. *Phytoecia (Phytoecia) nigricornis* (Fabricius, 1781) – Palearctic species. It spreads within all of Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).
14. *Phytoecia (Phytoecia) pustulata* (Schrank 1776) – West Palearctic species. It is common in all territory of Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).
15. *Phytoecia (Phytoecia) virgula* (Charpentier, 1825) – West Palearctic species. It is common in all territory of Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).
16. *Phytoecia (Opsilia) uncinata* (Redtenbacher, 1842) – Central European species. It is common only in Western Ukraine (Zamoroka, 2022). It spreads east as far as Dnipro Highland in Central Ukraine.
17. *Phytoecia (Opsilia) molybdaena* (Dalman, 1817) – West Palearctic species. It is poorly known in Ukraine. There are known only several localities (Zamoroka, 2022). In my opinion, the species is widely distributed within steppes.
18. *Phytoecia (Opsilia) coerulescens* (Scopoli, 1763) – West Palearctic species. It is the most common species in Ukraine (Zahajkevych, 1991; Bartenev 2009; Zamoroka, 2022).

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