

## Table of Contents

## In Press

## Article Archive

[JFS \(64\) 2018](#)[JFS \(63\) 2017](#)[JFS \(62\) 2016](#)[JFS \(61\) 2015](#)[JFS \(60\) 2014](#)[JFS \(59\) 2013](#)[JFS \(58\) 2012](#)[JFS \(57\) 2011](#)[JFS \(56\) 2010](#)[JFS \(55\) 2009](#)[JFS \(54\) 2008](#)[JFS \(53\) 2007](#)[Issue No. 1 \(1-40\)](#)[Issue No. 2 \(41-92\)](#)[Issue No. 3 \(93-137\)](#)[Issue No. 4 \(139-191\)](#)[Issue No. 5 \(193-242\)](#)[Issue No. 6 \(243-298\)](#)[Issue No. 7 \(299-344\)](#)[Issue No. 8 \(345-389\)](#)[Issue No. 9 \(391-444\)](#)[Issue No. 10 \(445-490\)](#)[Issue No. 11 \(491-527\)](#)[Issue No. 12 \(529-572\)](#)[Special Issue \(1-88\)](#)[JFS \(52\) 2006](#)[JFS \(51\) 2005](#)[JFS \(50\) 2004](#)[JFS \(49\) 2003](#)

## Editorial Board

## Ethical Standards

## Peer Review Process

## Reviewers 2017

## For Authors

## Author Declaration

## Instruction for Authors

## Submission Templates

## Guide for Authors

## Copyright Statement

## Submission/Login

## Occurrence, biology and harmfulness of *Galerucella lineola* (F.) (Coleoptera, Chrysomelidae) – Part 2. Larvae and this year's beetles

J. Urban

<https://doi.org/10.17221/2145-JFS>

Citation: Urban J. (2007): Occurrence, biology and harmfulness of *Galerucella lineola* (F.) (Coleoptera, Chrysomelidae) – Part 2. Larvae and this year's beetles. *J. For. Sci.*, 53: 424-444.

[download PDF](#)

The second part of the paper deals with the development and harmfulness of larvae and maturation feeding of this year's beetles of *Galerucella lineola* (F.) before leaving for winter habitats. Embryogenesis takes on average 12 (in the laboratory 9) days. In the area of Žďár situated at a higher and colder location, larvae of the alder biological form occur on *Alnus glutinosa* and *A. incana* from June to August. In the warmer lowland area of Brno, larvae of the willow form occur on *Salix triandra*, *S. viminalis* and *S. caprea* from the 3<sup>rd</sup> decade of May to the beginning of August. In the laboratory, larvae of the alder form developed on average 16 days and larvae of the willow form 13 days. Larvae of the alder form damage on average 9.7 cm<sup>2</sup> leaves of *A. glutinosa* and larvae of the willow form 6.0 cm<sup>2</sup> leaves of *Salix caprea*. This year's imagoes occur in the area of Žďár on alders from mid-July to the end of October and during 3 weeks, they damage on average 16 cm<sup>2</sup> leaves of *A. glutinosa*. This year's imagoes occur on willows in the area of Brno from the end of June to the end of August. During 2 weeks, they damage on average 12 cm<sup>2</sup> leaves of *S. caprea*. The chrysomelid development is univoltine (in southern parts of Moravia partly bivoltine). The alder biological form of *G. lineola* produced 2 (the willow form even 4) incomplete generations in the laboratory. This year's imagoes damaged on average 36.6 cm<sup>2</sup> of *S. caprea* and laid 122 to 887 (on average 528) eggs. In the area of Brno, imagoes of the willow form were up to 65% parasitized by *Medina collaris* (Fall.) (Tachinidae). Tachinidae).

**Keywords:**

Chrysomelidae; *Galerucella lineola*; development of larvae; maturation feeding this year's beetles; generation conditions; natural enemies; harmfulness

[download PDF](#)

SJR (SCImago Journal Rank) SCOPUS

2017: 0.206 – Q4 (Forestry)

[f](#) Share

## New Issue Alert

Join the journal on [Facebook](#)  
Ask for [email notification](#)

## Publish with JFS!

– Full Open Access  
– Rapid review and fast publication  
– International knowledge  
– No article processing charges

## Similarity Check

All the submitted manuscripts checked by the [CrossRef Check](#).

## Referred to in

– Agrindex of AGRIS/FAO database  
– CAB Abstracts  
– CNKI  
– Czech Agricultural and Horticultural Bibliography  
– DOAJ (Directory of Open Access Journals)  
– Elsevier's Bibliographic Databases  
– Google Scholar  
– J-Gate  
– SCOPUS  
– TOXLINE PLUS  
– Web of Science (BIOSIS Index)

## Licence terms

All content is made freely available for non-commercial purposes. Users are allowed to copy, redistribute, transform, and build upon the material as long as they acknowledge the source.

## Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

## Contact

Mgr. Petra Kolářová  
Executive Editor  
phone: + 420 227 010 355  
e-mail: [jfs@cazv.cz](mailto:jfs@cazv.cz)

## Address

Journal of Forest Science  
Czech Academy of Agricultural Sciences

---

[For Reviewers](#)

[Guide for Reviewers](#)

[Reviewers Login](#)

[Subscription](#)

---

© 2018 Czech Academy of Agricultural Sciences