

Czech Academy of Agricultural Sciences



Open Access Agricultural Journals

Journal of

FOREST SCIENCE

[home](#) [page](#) [about us](#) [contact](#)



us

**Table of
Contents**

IN PRESS

JFS 2015

JFS 2014

JFS 2013

JFS 2012

JFS 2011

JFS 2010

JFS 2009

JFS 2008

JFS 2007

JFS 2006

JFS 2005

JFS 2003

JFS Home

**Editorial
Board**

For Authors

- **Authors
Declaration**
- **Instruction
to Authors**
- **Guide for
Authors**
- **Copyright
Statement**
- **Submission**

**For
Reviewers**

- **Guide for
Reviewers**
 - **Reviewers
Login**
-

Subscription

Journal of Forest Science

**Introskeletal erosion threat in mountain forests of the Czech
Republic**

J. For. Sci., 49 (2003): 313-320

[[fulltext](#)]

Summarization of the potential of introskeletal erosion (ISE) was done on the basis of field surveys in the Šumava Mts., Krkonoše Mts. and Jeseníky Mts. areas. The results give a rough estimation of the ISE extent in mountain forests of the Czech Republic. They indicate that in the mountainous areas of the Czech Republic there are 46,535 ha of forest lands endangered by these processes, which represents 10.1% of mountain forests and 1.7% of the total forest area in the country. The worst situation is in the Krkonoše Mts., where the considerable ISE potential is on 30.5% of forest area (in the Jeseníky Mts. 16.6%, in the Novohradské hory Mts. 13.3%, in the Šumava Mts. 8.2%). Because these areas are relevant production and water protection areas, the ISE processes have to be studied carefully and forest lands have to be protected, also using special technologies for forest protection and restoration.

Keywords:

mountain forests; spruce stands;
immissions; bark beetle; introskeletal
erosion; protection; reforestation

[[fulltext](#)]

© 2015 [Czech Academy of Agricultural Sciences](#)