

# *Journal of FOREST SCIENCE*

## **INSTRUCTIONS TO AUTHORS**

This guide describes how to prepare contributions for submission. Please read these instructions before submitting your manuscripts to Journal of Forest Science.

### **About the Journal**

The mission of Journal of Forest Science is to provide original results of basic and applied research from all fields of forestry related to European forest ecosystems and their functions including those in the landscape and wood production chain. More information about the journal you can find at <http://www.agriculturejournals.cz/web/JFS.htm>

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# ***How to Do I Submit a Paper to the Journal?***

## **Types of Contributions**

Papers are limited to three types: original articles, reviews, and short communications. Each paper must be a report of original research which has not been submitted elsewhere. The authors are fully responsible for the originality of the paper and formal correctness. All contributions are reviewed by at least two referees.

## **Manuscript Length**

Scientific papers shall not be longer than 15 standard pages (27 000 characters including spaces) including tables, figures, references, and abstract. Short communications should not be longer than six standard pages (10 800 characters) and book reviews should not be longer than three standard pages (5 400 characters).

## **Submission of Manuscripts**

Manuscript must be written on English (British spelling). We recommended to authors whose native language is not English should their manuscripts checked by native speakers of English before submission. Please submit the manuscript including Figures and Tables. Authors should submit their manuscripts to the Journal of Forest Science online. Please log directly via [http://www.agriculturejournals.cz/login2?\\_s=IOYNzcQMVFVAuDSQ&k=PmcQIqEP](http://www.agriculturejournals.cz/login2?_s=IOYNzcQMVFVAuDSQ&k=PmcQIqEP) and upload your manuscript following the instructions given in tab [Guide for Authors](#). In case you have any difficulty while submitting your manuscript online, contact us at the email: [jfs@cazv.cz](mailto:jfs@cazv.cz)

## **Manuscript Format**

- **Style**

Manuscript should be arranged as follows: (1) title page, (2) abstract, (3) text with tables and figures, (4) references.

- **Layout**

Standard size of paper (A4 format), type size 12 font, double-space lines, 2.5 cm margins on each edge of the page. Lines of the manuscript should be numbered. The Microsoft Word for Windows word processing software should be used for creating text strictly following the journal layout. If any abbreviations are used in the main text, they must be explained appropriately when they are used for the first time. It is not advisable to use any abbreviations in the paper title or in the abstract. Uncommon abbreviations cannot be used in the paper title. All material to be included in a paper should be referred to in the text. The document must not be formatted in columns, heading styles etc. This unique MS Word file must be saved under the first author's surname only.

- **Title page**

The first page of each paper must contain the following items: (1) the title of the paper, (2) the name(s) and address(es) of the author(s), e-mail address of the corresponding author (3) article type, (4) page count for the text, including abstract and references, (5) number(s) of figures and tables listed separately, and (6) necessary footnotes.

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- **Abstract**

The abstract should be no longer than **170** words and should be followed by up to **6** keywords which are different from the title.

- **Text**

The text of the article should be divided into the following sections: Introduction, Material and Methods, Results, Discussion, Acknowledgements, References. **All tables and figures must be included in the text and also inserted in editorial system in separated files.**

- **Nomenclature and units**

The Latin binomial or trinomial (in italics) and authority must be shown for all plants, insects, animals, and pathogens when first used in either the abstract, the main text, or in a table. SI units should be used. Use  $\text{mg}\cdot\text{l}^{-1}$  instead of  $\text{mg/l}$ . The decimal marker is a point, while the thousand's separator is a comma.

- **Tables**

Tables should be provided in MS Word and must be numbered with Arabic numerals according to their sequence in the text (for example: Table 1). Each table should have a brief and self-explanatory title. Any explanation essential to the understanding of the table should be given as a footnote below the table. Vertical lines should not be used to separate columns; additional space should be used to separate columns, if necessary.

- **Figures**

*Figures* (drawings and photographs) must be numbered with Arabic numerals according to their sequence in the text (for example: Fig. 1). All Figures should be submitted in high resolution (min. 300 dpi) and should be provided in JPG and TIFF formats.

*Graphs* should be provided in MS Excel and they should be stored with original data. If reduction is necessary, the alternative scale desired should be stated. The publisher reserves the right to reduce or enlarge figures. Figure parts should be identified by lowercase roman letter (a, b, etc.). If illustrations are supplied with uppercase labelling, lowercase letters will still be used in the figure legends and citations.

Abbreviations are listed in the end of Instructions to Authors.

## **References**

All publication cited in text should be given in a reference list following the text. Articles cited in the text will be referred to by surname of the author with the year of publication in parentheses. **In the text write names of authors in font style CAPITALS** (Ctrl+Shift+K). In the manuscript refer to authors as follows: GREEN and NORMAN (1992) or GREEN and NORMAN (1990, 1992). If the sentence structure requires authors' names be included in parentheses, the proper format is (GREEN, NORMAN 1982; GREEN 1988a, b; GREEN et al. 1993). When there are more than 2 authors of an article, the first author's name is followed by the abbreviation et al. More than 1 article listed in the same sentence or parentheses must be in chronological order first and alphabetical order for 2 publications in the same year.

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**In the references list, names and initials of all authors should be given and written in font style Regular.** Responsibility for the accuracy of bibliographic data rests entirely with the author. Publications referred mostly in English.

Exceptions:

- **Publications referred in German, French.**

*Example:*

Häussler D., Majunke C., Möller K. (2000): Zur Überwachung der Nonne (*Lymantria monacha* L.) im nordostdeutschen Tiefland. Beiträge für Forstwirtschaft und Landschaftsökologie, 34: 35–37.

- **For publications referred not in Roman alphabet use a title in English and original language in parentheses.**

*Example:*

Fu L.Y., Zeng W.S., Tang S.Z. (2011): Analysis the effect of region impacting on the biomass of domestic Masson pine using mixed model. Acta Ecologica Sinica, 31: 5797–5808. (in Chinese)

- **Use the following examples for arranging the references:**

a. **For periodical:** Author(s) (Year): Article title. Full journal title, Volume number: inclusive pages.

Dušek D., Slodičák M., Novák J. (2011): Vliv pozitivního a negativního výběru uplatněného při prvních výchovných zásazích na růst a vývoj dubové mlaziny. Zprávy lesnického výzkumu, 56: 125–129.

Form of citation in text: (DUŠEK et al. 2011) or DUŠEK et al. (2011)

Myrold D.D., Huss-Danell K. (2003): Alder and lupine enhance nitrogen cycling in a degraded forest soil in Northern Sweden. Plant and Soil, 254: 47–56.

Form of citation in text: (MYROLD, HUSS-DANIELL 2003) or MYROLD and HUSS-DANIELL (2003)

Vacek S., Podrázský V., Mikeska M., Moser W.K. (2003): Introskeletal erosion threat in mountain forest of the Czech Republic. Journal of Forest Science, 49: 313–320.

Form of citation in text: (VACEK et al. 2003) or VACEK et al. (2003)

b. **For books:** Author(s) (Year): Title. Place of publication, Publisher name: Number of pages or range of pages.

Anděra M., Červený J. (2009): Velcí savci v České republice. Rozšíření, historie a ochrana. 2. Šelmy (Carnivora). Prague, Národní muzeum Praha: 216.

Form of citation in text: (ANDĚRA, ČERVENÝ 2009) or ANDĚRA and ČERVENÝ (2009)

Erwin D.C., Ribeiro O.K. (1995): Phytophthora Diseases Worldwide. St. Paul, APS: 50–62.

Form of citation in text: (ERWIN, RIBEIRO 1995) or ERWIN and RIBEIRO (1995)

Cochran W.G. (1977): Sampling Techniques. 3<sup>rd</sup> Ed. New York, John Wiley & Sons, Inc.: 428.

Form of citation in text: (COCHRAN 1977) or COCHRAN (1977)

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c. **For edited books:** Author(s) (Year): Title. In: Editor(s) (ed.(s)): Title. Place of publication, Publisher name: Inclusive pages of chapter.

Vacek S., Lokvenc T., Balcar V., Henžlik V. (1994): Obnova a stabilizace lesa v horských oblastech Sudet. In: Paschalis P., Zajaczkowski S.(eds): Protection of Forest Ecosystems. Selected Problems of Forestry in Sudety Mts. Warszawa, Biuro GEF: 93–119.  
Form of citation in text: (VACEK et al. 1994) or VACEK et al. (1994)

d. **Conference Proceedings**

Author(s) (Year): Title. In: Editor(s) (ed.(s)): Proceedings Number and name of conference, Place of conference, date of conference: Inclusive pages of article.

Hangartner M., Burri P., Monn C. (1989): Passive sampling of nitrogen dioxide, sulphur dioxide, ozone ambient air. In: Brassler L.J. (ed.): Proceedings of the 8<sup>th</sup> World Clean Air Congress Man and His Ecosystem, Hague, Sept 11–15, 1989: 681–686.  
Form of citation in text: (HANGARTNER et al. 1989) or HANGARTNER et al. (1989)

Fadrhonsová V., Šrámek V., Kroupová M. (2002): Vývoj depozic v oblasti Krušných hor. In: Slodičák M., Novák J. (eds): Výsledky lesnického výzkumu v Krušných horách v roce 2001, Sborník z celostátní konference, Teplice, Mar 14, 2002: 49–54.  
Form of citation in text: (FADRHOŇOVÁ et al. 2002) or FADRHOŇOVÁ et al. (2002)

e. **For patent:** Inventor(s) (Year): Title. Name of country issuing the patent and the patent number. Date issued [month day, year].

Norman L.O. (1998): Lightning rods. US Patent 4,379,752. Sept 9, 1998.  
Form of citation in text: (NORMAN 1998) or NORMAN (1998)

f. **For dissertation:** Author(s) (Year): Title. [type of publication, such as dissertation, Ph.D. Thesis, MSc Thesis.] Place of publication, Publisher name: Number of pages.

Horáček P. (1994): Dynamika radiálního růstu smrku ztepilého (*Picea abies* [L.] Karst. v závislosti na ekologických podmínkách. [Ph.D. Thesis.] Brno, Mendel University of Agriculture and Forestry in Brno: 144.  
Form of citation in text: (HORÁČEK 1994) or HORÁČEK (1994)

g. **For articles in press:** Author(s) (Year): Title of article. Name of journal (in press).

Nigh G., Smith W. (2012): Effect of climate on lodgepole pine stem taper in British Columbia, Canada. Forestry (in press). doi:10.1093/forestry/cps063  
Form of citation in text: (NIGH, SMITH 2012) or NIGH and SMITH (2012)

h. **For internet publication/online document:** Author(s) (Year): Title of article. Available at give site (accessed date).

FAO (2007): Global forest land-use change 1990–2005. Available at <http://www.fao.org/docrep/017/i3110e/i3110e.pdf> (accessed Oct 22, 2009).  
Form of citation in text: FAO (2007)

## ***Requirements***

### **Copyright Transfer**

Authors transfer the copyright to their articles to the Journal of Forest Science effective when the articles are accepted for publication. The copyright covers the exclusive and unlimited rights to reproduce and distribute the article in any form of reproduction (printing, electronic media, or any other form); the copyright also covers translation rights for all languages and countries. For U.S. authors, the copyright is transferred to the extent transferable. The “Copyright Transfer Statement” has to be sent to the publisher together with the proof. The form is included in the proofs author receive.

### **Printing Costs**

Submit the manuscript including figures and tables, also submit all figures as separate files. If you send colour Figures, they will be published in colour. If you send black and white Figures, they will be published in black and white. Printing costs will be free.

## ***Accepted Manuscript***

### **Printed First**

Paper will be published in printed form shortly after receipt of the corrected proofs. After released of the printed version, the paper can also be cited by issue and page number. Papers are also published online after being printed.

### **Proofreading**

Authors are informed by e-mail that a temporary URL has been created from which they can obtain their proofs. Proofreading is the responsibility of the authors. Authors should make their proof correction (formal correction only) on a printout of the pdf file supplied; checking that the text is complete and that all figures and tables are included. Substantial changes in content, e.g., new results, corrected values, title, and authorship, are not allowed without the approval of the responsible editor. In such a case please contact the Editorial Office before returning the proofs to the publisher. After publication, correction can be made only in exceptional cases.

### **Offprints**

Offprints will be sent to the corresponding author as free “**electronic reprint**” in Portable Document Format (pdf) via electronical editorial system.

## ***Editorial Office***

### **Decision to Publish**

The editors reserve the right to accept or reject manuscripts for publication.

### **Editorial Office Contact Info**

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## LIST OF ABBREVIATIONS

The metric system is adopted as standard. You should use the international system of units. If nonstandard abbreviations must be used they should be defined in the text.

### Use the fundamental quantity with appropriate prefix:

kilo	k
mega	M
giga	G
tera	T
milli	m
micro	$\mu$
nano	n
pico	p

### Units of length:

metre	m
kilometre	km
centimetre	cm
millimetre	mm
micrometre	$\mu\text{m}$
nanometre	nm

### Units of area:

square metre	$\text{m}^2$
square kilometre	$\text{km}^2$
hectare (10,000 $\text{m}^2$ )	ha
square centimetre	$\text{cm}^2$
square millimetre	$\text{mm}^2$

### Units of volume:

cubic metre	$\text{m}^3$
cubic centimetre	$\text{cm}^3$
litre	l
millilitre	ml
microlitre	$\mu\text{l}$

### Units of mass:

gramme	g
kilogramme	kg
tonne	t
milligramme	mg
microgramme	$\mu\text{g}$

### Units of density:

$\text{g}\cdot\text{cm}^{-3}$ ,  $\text{kg}\cdot\text{m}^{-3}$ ,  $\text{t}\cdot\text{m}^{-3}$ ,  $\text{g}\cdot\text{l}^{-1}$ ,  $\text{kg}\cdot\text{l}^{-1}$

### Units of pressure:

pascal	Pa
megapascal	MPa

### Units of time:

second	s
minute	min
hour	h
day, week, month, year	day, week, month, yr

### Units of temperature:

Celsius	$^{\circ}\text{C}$
Kelvin	K

### Additional physical units:

dalton	Da
hertz	Hz
joule	J
volt	V
watt	W

### Relative units:

parts/million parts	ppm
parts/billion parts	ppb
parts/trillion parts	ppt
percentage	%
weight	w
volume	V

### Units of electrical conductivity:

siemens per metre	$\text{S}\cdot\text{m}^{-1}$
millisiemens per metre	$\text{mS}\cdot\text{m}^{-1}$
ohm	$\Omega$

### Units of concentration:

mole per kilogramme (litre)	$\text{mol}\cdot\text{kg}^{-1}$
millimole per kilogramme	$\text{mmol}\cdot\text{kg}^{-1}$
micromole per kilogramme	$\mu\text{mol}\cdot\text{kg}^{-1}$
gramme per kilogramme	$\text{g}\cdot\text{kg}^{-1}$
milligramme per kilogramme	$\text{mg}\cdot\text{kg}^{-1}$
microgramme per kilogramme	$\mu\text{g}\cdot\text{kg}^{-1}$

**Similar units for volume:**

$\text{g}\cdot\text{l}^{-1}$ ,  $\text{mg}\cdot\text{l}^{-1}$ ,  $\text{mg}\cdot\text{ml}^{-1}$ ,  $\mu\text{g}\cdot\text{l}^{-1}$ ,  $\mu\text{g}\cdot\text{ml}^{-1}$

**Units of irradiation:**

watt per square metre  $\text{W}\cdot\text{m}^{-2}$

**Units of photon flux density:**

mole per square metre per second  $\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$

**Units of yield, sampling and rate:**

kilogramme per hectare  $\text{kg}\cdot\text{ha}^{-1}$

tonnes per hectare  $\text{t}\cdot\text{ha}^{-1}$

litre per hectare  $\text{l}\cdot\text{ha}^{-1}$

gramme per hectare  $\text{g}\cdot\text{ha}^{-1}$

gramme per square metre  $\text{g}\cdot\text{m}^{-2}$

gramme per kilogramme  $\text{g}\cdot\text{kg}^{-1}$

milligramme per kilogramme  $\text{mg}\cdot\text{kg}^{-1}$

**Units of cation-exchange capacity (CEC):**

milliequivalent of hydrogen per 100 g  
of dry soil  $\text{meq}^+\cdot 100\text{ g}^{-1}$

**Statistical symbols and abbreviations:**

analysis of variance ANOVA

coefficient of variation CV

degree of freedom *df*

*F*-distribution *F*

least significant difference LSD

sample size *n*

probability *P*

multiple correlation of determination *R*<sup>2</sup>

root mean square error RMSE

standard deviation (sample) SD

standard error SE

standard error of mean SEM

*t*-test (Student test) *t*

mean *x*

**Additional use symbols:**

dry weight (matter) DW (DM)

fresh weight (matter) FW (FM)

water use efficiency WUE