



ENTOMOLOGICAL SOCIETY OF AMERICA

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Proposal Form for new Common Name or Change of ESA-Approved Common Name

Complete this form and send or e-mail to the above address.

Submissions will not be considered unless this form is filled out completely.

The proposer is expected to be familiar with the rules, recommendations, and procedures outlined in the “Use and Submission of Common Names” on the ESA website and with the discussion by A.B. Gurney, 1953, *Journal of Economic Entomology* 46:207-211.

January 14, 2008

Esteemed ESA Common Names Committee members,

As the co-Chairs for the Western Forest Insect Work Conference (WFIWC) Common Names Committee (CNC), we are pleased to present the following insect for your consideration. This proposal is part of a current effort to update the important publication Western Forest Insects and formalize common names used therein not yet recognized by ESA.

Our committee also works with the Entomological Society of Canada and so you will find entries in our form that are in addition to those you require (numbered entries accompanied by a letter are additional). All ESA questions are numbered and worded as found on your form.

If you have any questions or concerns about this or other submissions from our organization, we encourage you to contact us.

Sincerely,

/s/ Brytten Steed

Brytten Steed
WFIWC-CNC co-Chair
bsteed@fs.fed.us

/s/ William Ciesla

William Ciesla
WFIWC-CNC co-Chair
wciesla@aol.com

I ask that the WFIWC Standing Committee on Common Names of Insects facilitate the submission of the following common name or name change to ESA and ESC.

1. *Proposed new common name (English):* [ribbed pine borer](#)

1b. *Proposed new common name in French (optional):* [\(n/a\)](#)

2. *Previously approved ESA common name (if any):* [None.](#)

2b. *Previously approved English ESC common name (if any):* [None.](#)

2c. *Previously approved French ESC common name (if any)-include direct translation to English:* [None.](#)

3. Scientific name (genus, species, author): [Rhagium inquisitor \(L.\)](#),
Order: [Coleoptera](#)
Family: [Cerambycidae](#)

3b. *List important previous scientific names (esp. note if this scientific name is different from that noted in Western Forest Insects or in the literature cited).*

[\(Stenocorus lineatum Olivier\) listed by Furniss and Carolin \(1977\) as synonymous](#)

also: [Rhagium americanum \(Podany, 1964\)](#)
[Rhagium boreale \(Casey, 1913\)](#)
[Rhagium californicum \(Casey, 1913\)](#)
[Rhagium canadense \(Podany, 1964\)](#)
[Rhagium cariniventre \(Casey, 1913\)](#)
[Rhagium crassipes \(Casey, 1913\)](#)
[Rhagium investigator \(Mannerheim, 1852\)](#)
[Rhagium lineatus \(Olivier, 1795\)](#)
[Rhagium mexicanum \(Casey, 1913\)](#)
[Rhagium montanum \(Casey, 1913\)](#)
[Rhagium nigra \(Podany, 1978\)](#)
[Rhagium parvicorne \(Casey, 1913\)](#)
[Rhagium quadricostatum \(Podany, 1964\)](#)
[Rhagium thoracicum \(Casey, 1913\)](#)

Supporting Information

4. *Reasons supporting the need for the proposed new or changed common name:*

a) This species is commonly found by forest managers and by the public that has firewood or uses roundwood for construction. A formal common name would be useful in communicating with the public the differences between this beetle and those that are more damaging to live trees.

b) A common name exists in the literature and should be formalized for use. One publication, Furniss and Carolin (1977), is a standard general reference used by foresters and forest entomologists for many western forest insects. The formal acceptance of this common name would allow us to continue its use in the updated version of Western Forest Insects.

c) The common name "ribbed pine borer" was also published in a 1920 Cornell University Agricultural Experiment Station, Memoir #33 by Walter N. Hess titled The Ribbed Pine-Borer. p367-381, as well as a 1996 Illinois Natural History Survey (Manual 6) for a Field Guide to Northeastern Longhorned Beetles by Douglas Yanega.

5. *Stage or characteristic to which the proposed common name refers:*

Although the name is applied to both the adult and larval stages, it is the larval stage that does the actual boring in the phloem, cambium, and wood layers of pines. 'Ribbed' refers to the strongly ribbed elytra of adult beetles.

6. *Distribution (include citations):*

- Transcontinental species present throughout most of the western United States and Canadian Provinces (Furniss and Carolin 1977)
- Western United States and Western Canada (Hoskevec and Rejzek, 2006)
- Outside of North America it is also found in:
 - Europe, Algeria, Russia, Caucasus, Transcaucasia, Turkey, (Hoskevec and Rejzek, 2006).
 - Siberia and Mongolia (Plavilstshikov, 1936 and Namhaidorzh, 1972; discussing the ranges of the two subspecies *R.inquisitor rugipenne* and *R.inquisitor inquisitor*.)
 - Europe, Siberia, the Caucasian mountains, northern Asia (University of Georgia-Bugwood 2006 using Kolk A., and Starzyk J. R., 1996)

7. *Principal hosts (include citations):*

- *Pinus* spp are most frequent hosts but other hosts include species of *Abies*, *Larix*, *Picea*, *Pseudotsuga*, and *Tsuga* (Furniss and Caroline, 1977)
- White pine (*Pinus strobus* L), pitch pine (*Pinus rigida* Mill.), and red pine (*Pinus resinosa* Ait.) (Hess, 1920).
- This is a polyphagous species preferring the Scots pine and other pine species. It was also observed on other conifers and even deciduous species, like birch, oak and poplar (University of Georgia-Bugwood 2006 using Kolk A., and Starzyk J. R., 1996)

8. *Cite references containing previous use of the proposed common name:*

Evans and Hogue, 2004
Evans and Hogue, 2006
Furniss and Carolin, 1977
Hess, 1920
Kolk A. and Starzyk J. R., 1996
Littlefield, 1942
Yanega, 1996.

9. *Cite references using English common names (provide names) other than that proposed:*

None

9b. *References using common names in a non-English language (give the common name in the non-English language and give the direct translation to English, if possible)*

- Grauer Nadelholz-zangen- Bock(Kaefer) in Germany (=Grey resinous wood pliers or gray pine wood borer) (CABI 2005)
- barklöpare in Swedish (=bark runner) (Byers 2000)

- 'eastern Siberian ribbed rhagium' is English translation of Russian as given in Yusha et al. 1985

10. Other insects or organisms to which the proposed common name might apply (give scientific name and include citations, if possible):

None.

10 b. List references cited in questions 6-10:

Byers, John A. 2000. website (<http://www.wcrl.ars.usda.gov/cec/pine/other6.htm>)

Evans, Arthur V.; & Hogue, James N. 2004. Introduction to California beetles. University of California Press, Berkeley, CA. 299 pp.

Evans, Arthur V.; & Hogue, James N. 2006. Field guide to California beetles. University of California Press, Berkeley, CA. 334 pp.

Furniss, R.L.; & Carolin, V.M.. 1977. Western forest insects (1992 reprinting). USDA Forest Service. Misc. Publ. 1339. 654p.

Heliövaara, K.; Mannerkoski, I.; & Siitonen, J. 2004; Suomen sarvijäärät; Longhorn Beetles of Finland (Coleoptera, Cermabycidae); Tremex Press, Helsinki 2004

Hess, Walter N. 1920. The Ribbed Pine-Borer. Memoir #33 p367-381. in: Cornell University Agricultural Experiment Station.

Hoskovec, Michal; & Rejzek, Martin. 2006. Longhorn beetles (Cerambycidae) of the west Palaearctic region. (<http://www.uochb.cas.cz/~natur/cerambyx/inquis.htm>)

Kolk A.; & Starzyk, J. R. 1996. The Atlas of Forest Insect Pests (Atlas skodliwych owadów lesnych) - Multico Warszawa, 705 pages. Original publication in Polish. English translation provided by Dr. Lidia Sukovata and others under agreement with The Polish Forest Research Institute.

Littlefield, E.W. 1942. *Pinus thunbergii*: A successful exotic on the North Atlantic coast. Journal of Forestry, 40: 566-573 (per Google Scholar)

Namhaidorzh, B. 1976. On the fauna of longicorn beetles (Coleoptera, Cerambycidae) of the Mongolian People's Republic, II. In: Insects of Mongolia. 4. "Nauka", Leningrad: 202-216. [in Russian]

Plavilstshikov, N. N. 1936. Cerambycidae (P.1).- Faune de l'URSS, Insectes, Col©opt©res, Vol. 21: 612 pp.

Univeristy of Georgia-Bugwood Network. 2006. Forest Pests website (<http://www.forestpests.org/poland/ribbedpine.html>) based on Kolk, A. and Starzyk, J. R., 1996: The Atlas of Forest Insect Pests (Atlas skodliwych owadów lesnych - Multico Warszawa, 705 pages. Original publication in Polish. English translation provided by Dr. Lidia Sukovata and others under agreement with The Polish Forest Research Institute)

Yanega, Douglas. 1996. Field Guide to Northeastern Longhorned Beetles (Coleoptera: Cerambycidae). Illinois Natural History Survey Manual 6. 184pp

Yusha, Alex; Martignoni, Mauro; Iwai, Paul J. 1985. An English translation of Russian Common Names of Agricultural and Forest Insects and Mites. General Technical Report PNW-183. Portland, OR: USDA Forest Service, Pacific Northwest Forest and Range Experiment Station. 84pp. (http://www.fs.fed.us/pnw/pubs/pnw_gtr183.pdf)

11. Steps you have taken to consult with other workers who are familiar with the insect or organism as to suitability of and need for the proposed common name:

These individuals were supplied with a draft version of this proposal and were asked to provide input. Those in blue responded:

- Bert Gustafsson, Curator, Department of Entomology, Swedish Museum of Natural History, Stockholm, Sweden, (Bert.Gustafsson@nrm.se) (<http://www.funet.fi/pub/sci/bio/life/insecta/coleoptera/chrysomeloidea/cerambycidae/lepturinae/rhagium/index.html#SJ>)
- James Hogue, Taxonomist, Department of Biology, California State University, Northridge, CA (james.n.hogue@csun.edu).
- Brytten Steed, Entomologist, USDA Forest Service-Forest Health Protection, Ogden UT (bsteed@fs.fed.us)
- Lee Pederson, Entomologist, USDA Forest Service-Forest Health Protection, Coeur d'Alene, ID (lpederson@fs.fed.us)
- John McLean, Professor at the University of British Columbia, Vancouver Canada
- Bobbe Fitzgibbon, Entomologist, USDA FS, FHP, Flagstaff, AZ
- Iral Ragenovich, Entomologist, USDA FS, FHP, Portland, OR
- William Ciesla, Forest Health Management International, Fort Collins, CO
- Lee Humble, Research Entomologist, NRC Canadian Forest Service, Victoria BC, Canada

The membership of Western Forest Insect Work Conference was given announcement of 30 days for review; no negative comments were received.

11b. What type of literature searches/checks did you conduct (e.g. CABI, ESA and ESC web pages, USDA FS library, formal library search engine-list, etc.)

Search on ESA Common Names site

(http://www.entsoc.org/Pubs/Books/Common_Names/search.asp) to determine if this species had a common name, if the common name belonged to another species – negative in both accounts

Review of the ESC Common Names publication (pdf at http://www.esc-sec.org/common_names_2006.pdf) to determine if this species had a common name in either English or French, or if the English common name proposed belonged to another species – negative in all accounts

Search of British Museum of Natural History website (<http://www.nhm.ac.uk/nature-online/biodiversity/nature-navigator/>)

Review of Russian common names translated into English (Yusha et al. 1985) found at http://www.fs.fed.us/pnw/pubs/pnw_gtr183.pdf

Search in CABI (Commonwealth Agricultural Bureau International) data base (includes CAB, Tree CD, and Forest Science Abstracts)

Search in ITIS (Integrated Taxonomic Information System) <http://www.itis.gov/index.html>

Google.com and Google Scholar

ribbed pine borer
1017-10-06

Rhagium inquisitor (L.)

1/14/2008

Search of personal literature files

12. *Proposed by (your name):* Western Forest Insect Work Conference group (WFIWC),
Common Names Committee co-Chairs – Brytten Steed and William Ciesla

Proposal prepared and submitted to the WFIWC CNC by Mark Schultz, Entomologist,
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Date: 14 January, 2008