



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.

September 30, 2005

Esteemed ESA Common Names Committee members,

As the Chair for the Western Forest Insect Work Conference (WFIWC) Common Names Committee (CNC), I am please to present the following insect for your consideration. This proposal is part of our project to formalize common names of insects not yet recognized by ESA but found in the important publication [Western Forest Insects](#). We are particularly eager to proceed with these efforts as a revision of this book is being proposed for completion in the next 18 months.

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 (any numbers accompanied by a letter). 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, please feel free to contact me.

Sincerely,

/s/ Brytten Steed

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

WFIWC Proposal Form for New Common Name or Change of ESA or ESC-Approved Common Name

The proposer is expected to be familiar with the rules, recommendations, and procedures outlined in the introduction to the current list of names and with the discussion by A.B. Gurney, 1953, *Journal of Economic Entomology* 46:207–211.

NOTE: SUBMISSIONS WILL NOT BE CONSIDERED UNLESS THIS FORM IS FILLED OUT COMPLETELY.

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): [Douglas-fir pole beetle](#)
1b. Proposed new common name in French (optional): [None](#)

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): [Pseudohylesinus nebulosus \(LeConte\)](#)
Order: [Coleoptera](#)
Family: [Curculionidae](#)
Subfamily: [Scolytinae](#)

- 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).
[This species was originally described by LeConte in 1859 as Hylesinus nebulosus](#)

Supporting Information

4. Reasons supporting the need for the proposed new or changed common name:
[Proposed common name is published in Furniss and Carolin 1977, which is widely used by forest entomologists. Future publication of an updated version of this important publication is expected and should match approved names to minimize any future confusion.](#)

5. Stage or characteristic to which the proposed common name refers:
[The proposed common name refers to Douglas-fir, its primary host, and the fact that this insect prefers to attack pole sized trees.](#)

6. Distribution (include citations):
[Canada – Southern Alberta and British Columbia](#)
[US – Arizona, California, Colorado, Idaho, Montana, New Mexico, Oregon, Utah, Washington](#)
[Alaska also noted in Wood and Bright 1992](#)
[Mexico – Chihuahua \(Furniss and Johnson 2002, Wood 1982\)](#)

7. Principal hosts (include citations):

Pseudotsuga menzeisii and occasionally *Tsuga heterophylla* (Furniss and Johnson 2002, Wood 1982)

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

Colorado State University 2004
Furniss and Carolin 1977
Furniss and Johnson 2002

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

The common name "Douglas-fir Hylesinus" is used in reference to *Pseudohylesinus nebulosus nebulosus* by Brown (1968) and Keene (1952).

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)

None known. *Pseudohylesinus nebulosus nebulosus* is mentioned in Cibrian Tovar (1995) but no common name is given.

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

Two subspecies are described for *P. nebulosus*: *nebulosus* and *serratus* (Wood 1982). The proposed common name could apply to both subspecies although Furniss and Carolin (1977) and Furniss and Johnson (2002) specifically use "Douglas-fir pole beetle" in reference to *Pseudohylesinus nebulosus nebulosus*. The subspecies, *Pseudohylesinus nebulosus serratus* Bruck has been described from Coastal California (Wood 1982). This insect attacks *Pseudotsuga macrocarpa*.

Reviewer comment: *If a common name is adopted for the subspecies nebulosus then a common name would also have to be designated for the subspecies serratus. As the common name for P. macrocarpa is bigcone Douglas-fir, the appropriate common name would be bigcone Douglas-fir pole beetle. It may be simpler to consider both subspecies under the same common name as both cause similar damage to "Douglas-fir"*

Several species of *Scolytus* cause similar damage to Douglas-fir including *S. reflexus* and *S. unispinosus*. The species *S. unispinosus* has the common name "Douglas-fir engraver" (Keene 1952, Furniss and Carolin 1977), which is officially recognized by the Entomological Society of America.

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

Brown, F.G., 1968. Pests and diseases of forest plantation trees. Oxford, U.K., Clarendon Press, 1330 pp.

Cibrián Tovar, D., J.T. Méndez Montiel, R. Campos Bolaños, H.O. Yates III, and J.F. Lara. 1995. Forest Insects of Mexico. Universidad Autónoma Chapingo. Chapingo, Estado de México, México, 453 pp.

Colorado State University, 2004. Insects and diseases of woody plants of the central Rockies. Cooperative Extension, Bulletin 506A, 292 pp.

Furniss, R.L. and V.M. Carolin, 1977. Western forest insects. USDA Forest Service, Miscellaneous Publication 1339, 654 pp.

Furniss, M.M. and J.B. Johnson, 2002. Field guide to the bark beetles of Idaho and adjacent regions. Idaho Forest, Wildlife, and Range Experiment Station, University of Idaho, Moscow, 125 pp.

Keene, F.P., 1952. Insect enemies of western forests. USDA, Miscellaneous Publication 273, 280 pp.

Wood, S.L. 1982. The bark and ambrosia beetles of North and Central America (Coleoptera: Scolytidae), a taxonomic monograph. Great Basin Naturalist Memoirs 6, 1359 pp.

Wood, S.L. and Bright, D.E. 1992. A catalog of Scolytidae and Platypodidae (Coleoptera), Part 2: Taxonomic Index. Great Basin Naturalist Memoirs. 13: 1-1553.

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:

A number of forest entomologists in the western U.S. were contacted and asked to provide review comments to this proposal. The following individuals responded:

Bobbe Fitzgibbon, USDA Forest Service, Flagstaff, AZ
Dave Leatherman – Colorado State Forest Service, Fort Collins, CO
Ladd Livingston – Idaho Department of Lands, Coeur d'Alene, ID
Iral Ragenovich – USDA Forest Service, Portland, OR
Lee Humble – NRC Canadian Forest Service, Victoria BC, Canada
Brytten Steed – USDA Forest Service-FHP, Ogden UT
Jim LaBonte, Insect Program Specialist, Oregon Department of Agriculture, Salem OR

Their comments are incorporated into this proposal.

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 –

Review of the ESC Common Names publication (pdf at http://www.esc-sec.org/common_names_2005.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

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

Common name and scientific name was also searched in CABI 2004 (Commonwealth Agricultural Bureaux International) data base (includes CAB abstracts, Tree CD, and Forest Science Abstracts), AGRICOLA, Biological Abstracts, and EPPO (European Plant Protection Organization). No additional names appeared.

Search of www using the Google search engine

ALSO: List of citations in #10

12. Proposed by (your name): Western Forest Insect Work Conference group (WFIWC), Common Names Committee (CNC) Chair – Brytten Steed

Proposal prepared and submitted to the WFIWC CNC by William M. Ciesla, Forest Health Management International, Fort Collins, CO.

Douglas-fir pole beetle
1003-08-05

Pseudohylesinus nebulosus

11/30/2005

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Address:

[Brytten Steed / USDA FS – Forest Health Protection / 4746 S. 1900 E. / Ogden UT 84403](#)

Date: [September 30, 2005](#)