



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.

October 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

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): [blue spruce engraver](#)
- 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): [Ips hunteri Swaine](#)
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). [None](#)

Supporting Information

4. Reasons supporting the need for the proposed new or changed common name:
[Ips hunteri](#) has recently become an important pest of drought stressed ornamental Colorado blue spruce in urban and residential areas in many areas of Colorado. This insect has also killed native blue spruce stands in forested areas in Colorado. A standard common name is needed to avoid confusion between this insect and closely related species of ips engraver beetles (e.g. *I. pilifrons*), especially when talking to the public. The use of 'engraver' instead of the more common 'ips' is in line with ESA CNC rules that suggest the species name should not be included in the common name.

5. Stage or characteristic to which the proposed common name refers: Proposed common name refers to this insect's primary host, blue spruce, *Picea pungens*, and that it is a bark beetle of the genus *Ips* typically called 'engraver beetles'.

6. Distribution (include citations):

Colorado, Utah and northern Arizona (Wood 1982)

Arizona and Colorado (Furniss and Carolin 1977)

7. Principal hosts (include citations):

Colorado blue spruce, *Picea pungens*,

less common in Engelmann spruce, *Picea engelmanni*.

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

None

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

"Spruce ips" is used in the University of Georgia forestry images database (www.forestryimages.com)

"Blue spruce ips beetle" is used in a web page prepared by the city of Fort Collins, CO (<http://fcgov.com/horticulture/diseases-insects.php>)

"Spruce ips" is used in reference to both *Ips hunteri* and *Ips pilifrons* in a Colorado State University publication on insects and diseases of woody plants (Cranshaw et al. 2000)

Furniss and Carolin's "Western Forest Insects" do not use a common name in reference to *Ips hunteri*.

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

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

Other bark beetles to which 'spruce engraver' has sometimes been applied are listed below. However, *Ips hunteri* and *Ips pilifrons* are most likely to be confused. Additional proposals for the following bark beetles are being considered to minimize confusion.

-*Scolytus piceae* is referred to as the spruce engraver (Furniss and Carolin, 1977).

However, searches for 'spruce engraver' have more often resulted in references *Ips perturbatus* suggesting confusion with common names of these two species (searches using library databases as well as google.com and google scholar resulted in hits for both species when entering spruce engraver as the key word). The concurrent proposal for a common name suggests 'spruce limb engraver'.

-*Ips pilifrons*- we suggest a common name of 'southern spruce engraver'; grey literature references to this as 'spruce ips'

-*Ips hunteri*- concurrent proposal suggests a common name of 'blue spruce engraver'

-*Ips tridens*- we suggest a common name of 'lesser OR diverse spruce engraver'

-*Ips borealis*- we suggest a common name of 'boreal spruce engraver'; ESC has a common name listing of 'northern engraver'

-*Ips perturbatus* – our concurrent proposal suggests a common name of 'northern spruce engraver'

-*Pseudips concinnus*- we suggest a common name of 'Sitka spruce engraver'; WFI uses 'Sitka spruce ips'; grey literature references to this as 'spruce ips'

Note that the name 'spruce beetle' is the current common name for *Dendroctonus rufipennis*.

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

Cranshaw, W., Leatherman, D., Jacobi, B. and L. Mannix. 2000. Insects and diseases of woody plants of the Central Rockies. Colorado State University, Cooperative Extension, Bulletin 506A, 300 pp.

Furniss, R.L. and V.M. Carolin, 1977 reprinted in 1992. Western Forest Insects. USDA Forest Service, Miscellaneous Publication 1339, 654 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.

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. If comments were received they were added/addressed in this proposal:

- Jose Negrón, Research Entomologist, USDA Forest Service, Rocky Mountain Research Station, Fort Collins, CO
- Dan Miller, Research Entomologist, Southern Research Station, Athens, GA
- Ann Lynch, Research Entomologist, USDA Forest Service, Rocky Mountain Research Station, Flagstaff, AZ
- John Anhold, Entomologist, USDA FS, FHP, Flagstaff, AZ
- Bobbe Fitzgibbon, Entomologist, USDA FS, FHP, Flagstaff, AZ
- Terry Rogers, Entomologist, USDA FS, FHP, Albuquerque, NM
- Jeff Witcosky, USDA Forest Service, FHP, Lakewood, CO
- Sheryl Costello, Entomologist, USDA FS, FHP, Lakewood, CO
- Tom Eager, Entomologist, USDA FS, FHP, Gunnison, CO
- William Ciesla, Forest Health Management International, Fort Collins, CO

- Steve Munson, Entomologist, USDA FS, FHP, Ogden, UT
- Liz Hebertson, Entomologist, USDA FS, FHP, Ogden, UT
- Brytten Steed, Entomologist, USDA Forest Service-Forest Health Protection, Missoula, MT
- Ken Gibson, Entomologist, USDA Forest Service Forest Health Protection, Missoula, MT
- Lee Pederson, Entomologist, USDA Forest Service-Forest Health Protection, Coeur d'Alene, ID
- Sandra Kegley, Entomologist, USDA Forest Service-Forest Health Protection, Coeur d'Alene, ID
- Iral Ragenovich, Entomologist, USDA FS, FHP, Portland, OR
- John McLean, Professor at the University of British Columbia, Vancouver Canada (retired)
- Lee Humble, Research Entomologist, NRC Canadian Forest Service, Victoria BC, Canada
- Jim LaBonte, Insect Program Specialist, Oregon Dept. of Ag., Salem OR

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/Common_Names/index.htm) 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/>)
- Search in CABI (Commonwealth Agricultural Bureau International) data base (includes CAB, Tree CD, and Forest Science Abstracts)
- EPPO (European Plant Protection Organization) database (<http://www.eppo.org/> quick pick/alert list or search options)
- AGRICOLA (<http://agricola.nal.usda.gov/>, <http://agricola.cos.com/> and other sites), Biological Abstracts, BIOSIS, and other searchable scientific databases.
- Search of www using the Google search engine
- Search of personal literature files
- See list of citations in #10

blue spruce engraver
1037-01-08

Ips hunteri Swaine

10/14/2008

12. Proposed by: 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 William M. Ciesla, Forest Health Management International, Fort Collins, CO

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