



ENTOMOLOGICAL SOCIETY OF AMERICA

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

Complete this form and e-mail to pubs@entsoc.org.

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

April 23, 2015

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
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/s/ William Ciesla

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WFIWC-CNC co-Chair
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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): *autumn ponderosa sawfly*

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): *Neodiprion autumnalis* Smith

Order: Hymenoptera

Family: Diprionidae

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 insect has previously been considered either as Neodiprion fulviceps (Cresson) or as a part of the Neodiprion fulviceps complex. In 1986 N. autumnalis was described as a new species (Furniss and Carolin 1977, Ross 1955, Smith and Wagner 1986).

Supporting Information

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

N. autumnalis is considered the most wide-ranging of ponderosa pine feeding sawflies. It is found throughout most of western North America and outbreaks have occurred in several locations. A revision of Furniss and Carolin's (1977) "Western Forest Insects" is underway and a common name officially recognized by ESA is desirable for this species to include in the revision. Moreover, an outbreak of this insect is currently underway along the eastern fringes of ponderosa pine forests in Colorado. A common name would be helpful in discussions with

concerned forest landowners. A companion common name proposal for its sibling species, N. fulviceps as "spring ponderosa sawfly," accompanies this proposal.

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

Proposed common name refers to appearance of adults in September/October, as does its scientific name "autumnalis." It also refers to this sawfly's host, ponderosa pine.

6. Distribution (include author-year citations; full citation in #10b):

Neodiprion autumnalis is found from the southwestern U.S. north to the eastern slopes of the Rockies, west to Montana and the Pacific Northwest and south to northern California. This sawfly is also found throughout the pine forests of Mexico (Cibrián Tovar et al. 1995, Ciesla and Smith 2011, Dunbar and Wagner 1990).

7. Principal hosts (include author-year citations; full citation in #10b):

Only known host in the western U.S. is ponderosa pine, Pinus ponderosa. In Mexico it feeds on the foliage of P. arizonica, P. engelmannii and P. teocote (Cibrián Tovar et al. 1995, Ciesla and Smith 2011, Dunbar and Wagner 1990).

8. Cite references containing previous use of the proposed common name (use author-year citations; full citation in #10b):

None

9. Cite references using English common names (provide names) other than that proposed (use author-year citations; full citation in #10b):

None, it is currently referred to as a generic "pine sawfly" or by its scientific name.

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) (use author-year citations; full citation in #10b):

None

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

Proposed common name could conceivably be applied to three other western North American sawflies: N. gillettei, N. mundus and N. nanulus contortae, all of which have adults that appear in late summer/autumn. Neodiprion nanulus contortae also feeds on lodgepole pine, Pinus contorta. The other two species have rather restricted ranges and are less likely to be encountered than N. autumnalis (Ciesla and Smith 2011).

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

Cibrián Tovar, D., J. Y. Méndez Montiel, R. Campos Bolaños, H.O. Yates III and J. Flores Lara, 1995. Insectos Forestales de México, FAO, North American Forestry Commission, Publication #6, 453 pp.

Ciesla, W.M. and D. R. Smith 2011. Diprionid sawflies of lodgepole and ponderosa pines. USDA Forest Service, Forest Insect and Disease leaflet 179, 12 pp.

Dunbar, C.S. and M.R. Wagner 1990. Distribution of ponderosa pine (Pinus ponderosa) feeding sawflies (Hymenoptera: Diprionidae) in the United States and Canada. Entomological News 101(5): 266-272

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

Ross, H.H. 1955. The taxonomy and evolution of the sawfly genus Neodiprion. Forest Science 1:196-209.

Smith, D.R. and M.R. Wagner 1986. Recognition of two species in the pine feeding Neodiprion fulviceps complex (Hymenoptera: Diprionidae) of the western United States. Proceedings Entomological Society of Washington 88: 215-220

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:

Several foresters and forest entomologists in the U.S., as well as the WFIWC-CNC, were contacted and asked to provide review comments to this proposal. The full proposal has been announced and available to the WFIWC membership for a 30 day review period. The following individuals responded with comments during the review process:

Amanda Grady, USDA Forest Service, Flagstaff, AZ – *No response*

Megan Halford, Colorado State Forest, Service, Franktown, CO – *No response*

Joel McMillin, USDA Forest Service, Boise, ID – *No response*

Rebecca Powell, USDA Forest Service, Lakewood, CO: *I think the proposals look good. Are there proposals currently in the process for common names of the N. gillettei or N. mundus since you mentioned that the proposed common name could be applied to them as well?*

David R. Smith, Smithsonian Institute, Washington D.C.: *I looked over both proposals and both look fine to me. That's a lot of work just to propose a couple common names! The names are appropriate and justified, and it will be good to have them.*

S. Sky Stephens, USDA Forest Service, Lakewood, CO – *No response*

*Members of the Western Forest Insect Work Conference Common Names Committee:
Brytten Steed, Iral Ragenovich, and Lee Pederson provided comments specifically*

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 www using the Google search engine*
- *Search of personal literature files*
- *See list of citations in #10*

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

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Date: 04/23/2015



Larval colony of the pine sawfly, *Neodiprion autumnalis*, Elbert County, CO