



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.

June 19, 2012

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 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): [Rohwer's pinyon 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): [Zadiprion rohweri \(Middleton\)](#)
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*).
[Neodiprion \(Zadiprion\) rohweri Middleton](#)
[Neodiprion rohweri Middleton](#)

Supporting Information

4. Reasons supporting the need for the proposed new or changed common name: [Two sawflies, *Zadiprion rohweri* and *Neodiprion edulicolus* are defoliators of pinyon pine in the southwestern US \(Furniss and Carolin 1977\). Although described in 'Western Forest Insects' as a minor pest, *Z. rohweri* defoliated *P. edulis* on some 52,000 acres of the Navajo Indian Reservation and Canyon de Chelly National Monument, Arizona in 1998 \(USDA Forest Service 1999\). This insect also defoliated *Pinus edulis* in Mesa Verde National Park, Colorado between 2006-08. Common names for both species would be helpful to differentiate the two when speaking/writing to the public.](#)

This proposal is accompanied by another common name proposal for "pinyon sawfly" as the common name for [Neodiprion edulicolus](#).

5. Stage or characteristic to which the proposed common name refers:
[Common name refers to the species name of this insect "rohweri." The species is named after entomologist Sievert Allen Rohwer, who specialized in Hymenoptera. He was a senior insect taxonomist](#)

with the United States Department of Agriculture and is the author of two genera in the Family Diprionidae: *Neodiprion* and *Zadiprion*.

The proposer recognizes that use of an individual's name in a common name is discouraged by ESA. However, in this case it is considered appropriate because the species is considered to be stable and probability of a change in nomenclature is minimal. It has been recognized as a species since 1931 and is only one of two species of *Zadiprion* known from the USA. All others occur in Mexico. The other US species is *Z. townsendi*, which is quite different in both habits and morphology from *Z. rohweri*.

Including both "Rohwer's" and "pinyon" in the common name highlights the host species while also distinguishing this species from another sawfly that feeds on the same hosts, *Neodiprion edulicolus*, for which the common name "pinyon sawfly" is concurrently proposed.

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

Southwestern USA including Arizona, California, Colorado, New Mexico, Nevada and Utah (Fairweather et al. 2006, Smith 1971, Smith et al. 2012, USDA Forest Service 1999).

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

Hosts are pinyon pines, *Pinus monophylla* and *P. edulis*

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

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):

None

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

Fairweather M.L., J. McMillin, T. Rogers, D. Conklin and B. Fitzgibbon 2006. Field Guide to Insects and Diseases of Arizona and New Mexico. USDA Forest Service, Southwestern Region, MB-R3-16-3

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

Smith, D.R. 1971. The genus *Zadiprion* Rohwer (Hymenoptera: Diprionidae). Proceedings of the Entomological Society of Washington 73: 187-197.

Smith, D.R., Sánchez-Martínez, G. and Ojeda-Aguilera, A. 2012, A new species of *Zadiprion* (Hymenoptera: Diprionidae) on *Pinus durangensis* from Chihuahua, Mexico, and a review of other species of the genus. Proceedings of the Entomological Society of Washington 114:224-237.

USDA Forest Service 1999. Forest Insect and Disease Conditions in the Southwestern Region, 1998. Southwestern Region, Albuquerque, NM, R3-99-01, 20 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:

Several colleagues were contacted with regard to this proposal and it has been announced and available to the Western Forest Insect Work Conference (WFIWC) membership. Comments were received from the following:

Ron Billings, Texas Forest Service, College Station, TX

Suggested considering "Rohwer's pinyon pine sawfly" as the common name for this species. This name would conform to common names for other species of pine sawflies. However a two word common name is considered easier to use than a three word common name. Moreover, the proposed common name has been in use since at least 1968.

Bobbie Fitzgibbon, USDA Forest Service, Southwestern Region, Flagstaff, AZ (retired)

"I am really glad you got the two on pinyon done as you are quite right they are confusing without common names. I hope they accept the name for *Z. rowheri* since I cannot think of anything else to call it, southwestern pinyon sawfly would be too long and would not really distinguish it well from pinyon sawfly."

Lee Pederson, USDA Forest Service, Northern Region, Coeur d' Alene, ID

"About the only thing I have to say is I like Bill's reasoning for using an individual's name (Dr. Rohwer) within the common name for the Rohwer's pinyon sawfly."

Iral Ragenovich, Entomologist, USDA Forest Service, Pacific Northwest Region, Portland, OR

Katharine Sheehan, Entomologist, USDA Forest Service, Pacific Northwest Region, Portland, OR

Brytten Steed, Entomologist, USDA Forest Service, Northern Rocky Mountain region, Missoula, MT.

Review comments have been 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.)

ESA web pages, USDA Forest Service publications, scientific literature, Google. Hymenoptera name server, (<http://atbi.biosci.ohio-state.edu/>)

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 80525

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