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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](mailto:pubs@entsoc.org).

*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.

**1. Proposed new common name:**

Roseau cane scale

**2. Previously approved common name (if any):**

N/A

**3. Scientific name (genus, species, author):**

*Nipponaclerda biwakoensis* Kuwana

Order: Hemiptera

Family: Acleridae

### ***Supporting Information***

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

*Nipponaclerda biwakoensis* is an emerging invasive pest in Louisiana. It is already widely distributed across the lower Mississippi River Delta and is implicated in the die-off syndrome affecting stands of *Phragmites*. The local press has already been referring to the scale as the "roseau cane scale" or "roseau scale" in reporting on the invasion and die-offs in the marsh. Due to large amounts of public interest researchers at the Louisiana State University AgCenter have adopted this name for ease of communicating with the public.

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

The proposed common name, "roseau cane scale", refers to the primary host of the scale, the common reed, *Phragmites australis*. Roseau (pronounced: RO-zoh), or roseau cane, is the Cajun-French word for *Phragmites*, derived from the French word for reed and is the regional name for the plant in Louisiana. We propose the name "roseau cane scale" because it links the scale to the site of its initial introduction in North America, which would in turn distinguish it from other species of scale found on *Phragmites* worldwide.

**6. Distribution (include references):**

China (Wang 1994); Japan (Kuwana 1907); Louisiana, United States (Rodrigo Diaz unpubl. data)

**7. Principal hosts (include references):**

*Phragmites australis* (Cav.) Trin. ex Steud. (Kuwana 1907, McConnell 1954)  
*Agropyron* sp. (Wang 1994)

*Juncus* sp. (Wang 1994)

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

There are no common names applied to *N. biwakoensis* in peer reviewed literature.

The proposed common name has been adopted by the Louisiana Department of Wildlife and Fisheries on their informational page about the scale (<http://www.wlf.louisiana.gov/fishing/roseau-cane-scale-delta>)

Tristan Baurick, a journalist for The Times-Picayune, a New Orleans newspaper, has been reporting on the die-offs and scale invasion and uses the proposed common name in his articles (Baurick 2017a; b).

**9. References using common names (give names) other than that proposed:**

There are no other known common names.

**10. Other insects or organisms to which the proposed common name might apply:**

There are 64 species of scale or scale-like insects associated with *Phragmites* worldwide (Garcia Morales et al. 2016). However, during a statewide census, the only scales detected on *Phragmites* in Louisiana were *Aclerda holci* Teague (Hemiptera: Aclerdidae) and *Nipponaclerda biwakoensis* (Rodrigo Diaz unpubl. data 2017). *Aclerda holci* is native to North America, and has not been previously reported from *Phragmites*. Additionally, populations of *A. holci* on *Phragmites* are less common and consist of only a few individuals per stem versus *N. biwakoensis* which number in the hundreds to thousands per stem.

**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:**

Drs. Rodrigo Diaz, James Cronin, Blake Wilson, and Andy Nyman with the LSU AgCenter are principal investigators responsible for researching the extent of the scale and the die-offs in Louisiana, and are all in agreement that a suitable common name is necessary for communicating the impact of the scale and progress of our research to the public.

**Proposed by (your name): Ian A. Knight**

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**Date submitted: 10/27/2017**

## References:

- Baurick T (2017a) A visual guide to the plague killing Louisiana's roseau cane. Retrieved from [http://www.nola.com/environment/index.ssf/2017/06/mississippi\\_delta\\_plague.html](http://www.nola.com/environment/index.ssf/2017/06/mississippi_delta_plague.html)
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- Kuwana S I (1907) Coccidae of Japan, I. A synoptical list of Coccidae of Japan with descriptions of thirteen new species. Bulletin of the Imperial Central Agricultural Experiment Station, Japan 1: 177–212.
- McConnell HS (1953) A Classification of the Coccid Family Aclerdidae, College Park, MD
- Wang Z (1994) Economic insect fauna of China. Fasc. 43. Homoptera. Coccidea. Science Press. Beijing, China. 302p