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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.

1. Proposed new common name: cannabis aphid

2. Previously approved common name (if any): none

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

Order: Hemiptera

Family: Aphididae

4. Reasons supporting the need for the proposed common name: Cannabis aphid, only recently discovered in North America, has become a widespread pest of many *Cannabis* spp. crops, including hemp and marijuana. Previously, there have been a few common names that have been used informally for this insect (cannabis aphid, hemp aphid, bhang aphid). This proposal seeks to establish a single common name for this emerging pest species.

Among the alternate names in use, bhang aphid is not proposed since this uses a south Asian term associated with *Cannabis* spp. plants that is not widely used in North America. The second name, hemp aphid, is not proposed as it infers that the insect is associated only with hemp; since this insect is associated with all *Cannabis* spp. crops (e.g., hemp, marijuana) and incorporates the species name of the insect it is proposed as the preferred common name.

5. Stage or characteristic to which the proposed common name refers: *Phorodon cannabis* is a specialist herbivore on *Cannabis* spp. and the host name is incorporated into the species name of this insect.

6. Distribution (include references): *Phorodon cannabis* has previously been described from areas of Asia, Europe and Africa in association with the cultivation of its host.

Its discovery in North America was recent, following its discovery in Colorado in 2015 and subsequent confirmation (Halbert 2016). Since then additional records have been found it to be in Oregon, Virginia, Minnesota, and Quebec suggesting that the species may be widely distributed on the continent. This North American history is fully described in an article recently submitted to *Insect Mundi*.

Cranshaw, Whitney S., Susan E. Halbert, Colin Favret, Kadie Britt, and Gary L. Miller. 2018 (reviews completed, submitted). *Phorodon cannabis* Passerini (Hemiptera):

Aphididae), a Newly Recognized Pest in North America Found on Industrial Hemp.
Insect Mundi: A Journal of World Insect Systematics.

Halbert, S. E. 2016. *Phorodon cannabis*, hemp aphid, a new Western Hemisphere record. Entomology Section. P.J. Anderson and G.S Hodges (Editors). TRI-LOGY 55(4): 5.
[https://www.freshfromflorida.com/content/download/74881/2131435/Triology_October - December_55-4_2016.pdf](https://www.freshfromflorida.com/content/download/74881/2131435/Triology_October_-_December_55-4_2016.pdf). (Last accessed February 2018.)

7. Principal hosts (include references): *Phorodon cannabis* is monoecious and heterocyclic on *Cannabis* spp. Blackmon and Eastop (2000) also mention it has been reported on hops. However, this identification needs to be confirmed and may have involved misidentification with the closely related hop aphid (*Phorodon hamuli*); host transfer trials in 2018 have failed to establish *P. cannabis* on hops. Regardless, it is a significant pest species only on *Cannabis* spp. crops.

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

Blackman, R.L. and V.F. Eastop. 2000. *Aphids on the World's Crops: An Identification and Information Guide 2nd Edition*. John Wiley and Sons, Ltd. Page 321 466 pp.

Anonymous. 2017. Pest Alert: Cannabis or Bhang Aphid *Phorodon cannabis*. [Oregon Department of Agriculture Fact Sheet December 2017](http://www.oregon.gov/ODA/shared/Documents/Publications/IPPM/CannabisAphidAlert.pdf).
<http://www.oregon.gov/ODA/shared/Documents/Publications/IPPM/CannabisAphidAlert.pdf>. 2 p.

This name is used consistently, and solely, in materials being developed with the [Hemp Insect Website](#) that refer to this species.

This name, and images of the species, can be viewed at IPMImages.org

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

bhang aphid:

McPartland, J.M. 1996. Cannabis pests. Journal of the International Hemp Association 3(2): 49, 52-55.
<http://www.internationalhempassociation.org/jiha/iha03201.html>

bhang aphid (hemp louse, cannabis aphid):

Hemp Diseases and Pests. Management and Biological Control. An Advanced Treatise. 2000. J.M. McPartland, R.C. Clarke and D.P. Watson. CABI. Wallingford, Oxfordshire, UK

bhang aphid or cannabis aphid (cannabis aphid was a name also mentioned in this bulletin):

Anonymous. 2017. Pest Alert: Cannabis or Bhang Aphid *Phorodon cannabis*. [Oregon Department of Agriculture Fact Sheet December 2017](http://www.oregon.gov/ODA/shared/Documents/Publications/IPPM/CannabisAphidAlert.pdf).
<http://www.oregon.gov/ODA/shared/Documents/Publications/IPPM/CannabisAphidAlert.pdf>. 2 p.

hemp aphid

Halbert, S. E. 2016. *Phorodon cannabis*, hemp aphid, a new Western Hemisphere record. Entomology Section. P.J. Anderson and G.S Hodges (Editors). TRI-OLOGY 55(4): 5. https://www.freshfromflorida.com/content/download/74881/2131435/Triology_October_-_December_55-4_2016.pdf. (Last accessed February 2018.)

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

None, really. *Phorodon cannabis* is the aphid most consistently mentioned as a pest of hemp worldwide. Blackmon and Eastop (2000) give mention of a species *Aphis cannabis*, but state that there is little information on it and it is not known from North America.

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:

The description of this species in North America prepared for *Insecta Mundi* involved aphid taxonomists from Florida, Quebec and the USDA-ARS. The authors of this paper were informed of and are in agreement with this proposal. This includes Susan Halbert who used the term hemp aphid in the initial report of this insect from Colorado which was published as a note in TRI-OLOGY, referenced above.

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