Correction: Gender- and Species-Specific Characteristics of Bacteriomes From Three Psyllid (Hemiptera: Psylloidea) Species

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The work of Cooper and Horton (2014, J. Entomol. Sci. 49: 190-194) includes results for a psyllid identified as Aphalara calthae L. (Hemiptera: Aphalaridae). Aphalara is a taxonomically difficult genus of Holarctic distribution composed of six species groups (Burckhardt and Lauterer 1997, Entomol. Scand. 28: 271-305). Our specimens were identified as A. calthae using a key in Crawford's monograph of the North American psyllids (Crawford 1914, Smithsonian Institution, U.S. National Museum, Bull. No. 85). However, two papers published after the 1914 monograph suggest that A. calthae is unlikely to occur in North America (Caldwell 1937, Ann. Entomol. Soc. Am. 30: 563–571; Hodkinson 1988, J. Nat. Hist. 22: 1179–1243). Specimens from the Cooper and Horton (2014) study were reexamined for comparison with North American species described in a scattered literature (Caldwell 1937; Caldwell 1938, Ann. Entomol. Soc. Am. 31: 442-444; Richards 1970, Can. Entomol. 102: 1508–1509; Hodkinson 1973, Can. Entomol. 105: 1413– 1415; Burckhardt and Lauterer 1997). Our specimens most closely match the description for Aphalara loca Caldwell, 1937, a species included in the A. calthae species group (Burckhardt and Lauterer 1997). Characteristics of specimens leading to this conclusion include appearance of the female terminalia in lateral profile, presence of a large apron-like expansion of the circumanal ring of females, and general shape of the male's paramere. Aphalara loca is widespread in North America, including in many western states (Caldwell 1937). Records include specimens from the Hanford National Environmental Research Park in Washington (http://nerp.pnnl.gov/species.asp), located within 80 km of the Cooper and Horton (2014) collecting site. Species of Aphalara overwinter on coniferous trees (Burckhardt and Lauterer 1997), and the specimens of Aphalara used in the Cooper and Horton (2014) study were collected in November 2012 from conifers. Voucher specimens have been deposited in the M.T. James Collection, Washington State University, Pullman, Washington.

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