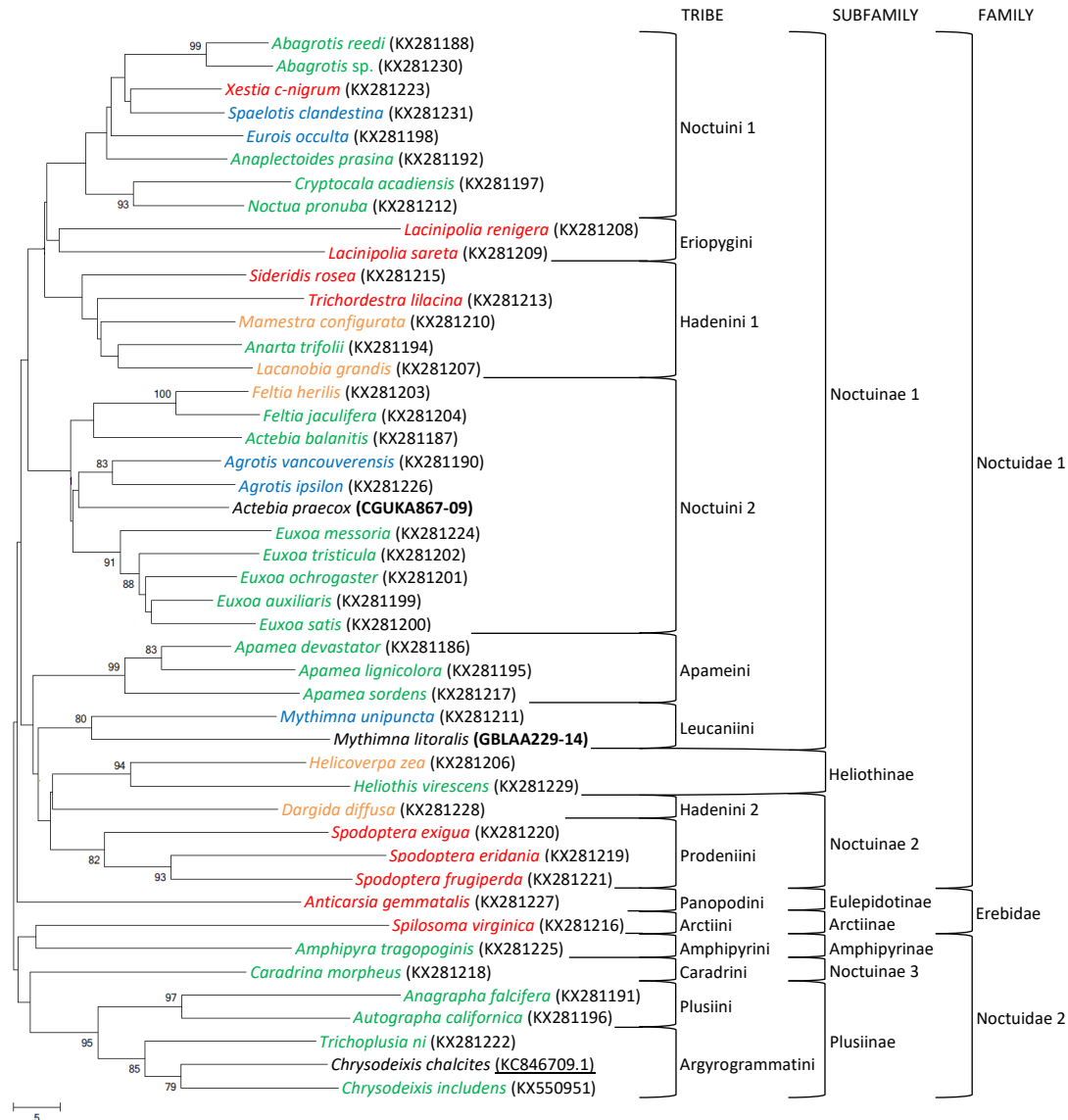


Potential host range of *Cotesia vanessae* (Hymenoptera: Braconidae), a parasitoid new to North America and a possible biological control agent of noctuid pest species — Supplementary Figure 1

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Supplementary Figure 1. Neighbour-joining tree (Kimura 2-parameter distance) for COI sequences of known hosts of *C. vanessae* and other tested species within Noctuoidea, generated using Mega 5.2 (allowing for visual representation of relative interspecific divergence, but not a robust phylogenetic analysis). The scale bar represents the percent divergence of the Kimura 2-parameter. Bootstrap values indicate the percentage of times, out of 5000, that clades were paired with one another. Bootstrap values < 70 are not shown as these are considered too low to be meaningful. Accession numbers underlined and in bold font refer to sequences obtained from GenBank and BOLD, respectively. Other accession numbers refer to sequences generated from specimens from this study and deposited in GenBank. Colours of species represent host suitability categories. Host suitability categories reflect the percentage successful parasitism (Parameter 1) in the current study; green: excellent ([Parameter 1] $\geq 80\%$), blue: intermediate ($20\% \leq$ [Parameter 1] $< 80\%$), orange: poor ($0\% <$ [Parameter 1] $< 20\%$), red: non-host (egg-to-adult development not supported), black: species that were considered reliably reported as hosts but were not tested.