

Addendum: New Horse Fly Distribution Records (Diptera: Tabanidae) from New Brunswick, Canada and Two Further Records of *Tabanus subniger* from Ontario

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The Tabanidae distribution maps of Thomas (2011) and Thomas and Marshall (2009) are here updated with records of two species previously unrecorded from New Brunswick. *Hybomitra cincta* was previously known only from Ontario and adjacent parts of Quebec, and *Merycomia whitneyi* is an uncommon species for which previous Canadian records were from Ontario and southern Nova Scotia.

The *Tabanus subniger* records are from the Credit River corridor, the same drainage as the previous two specimens known from Canada as shown on the distribution map in Thomas (2011).

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Merycomia whitneyi (Johnson)

Teskey (1990) recorded this rarely collected (in Canada) species from 2 localities in southwestern Ontario. Thomas and Marshall (2009) added a locality from southwestern Nova Scotia to Teskey's distribution map based on data from Hurlburt et al. (2008).

On August 3 2016, J.H. Lewis netted a female in southern New Brunswick, which I photographed (Fig. 1).

Data: August 3 2016, off rte 1 east of Bartlett Mills, near Cauty Lake, Charlotte Co., NB 45.19934 -67.1056469.

Map 1 shows the new, and old, location(s).

Hybomitra cincta (Fabricius)

Teskey (1990) recorded this species as being "apparently confined to southern and eastern Ontario and adjacent parts of Quebec". Thomas (2011) did not include any localities other than those 6 from Teskey (1990).

On July 5 2016, G.J. Forbes saw 3 males in central New Brunswick. He netted 2 and I photographed one (Fig. 2). This is a considerable range extension for this species.

Data: July 5, 2016, around 1130 am near Ayers Lake, York Co., NB 46.208583 -67.295416. logging road west of rte 104; hovering over a puddle; 3rd male seen. Conditions: about 26°C, sunny, and no wind. Collected by Graham J. Forbes (Univ. NB).

Map 1 shows the new, and old, location(s).

Tabanus subniger Coquillett

Teskey (1990) recorded just one Canadian specimen from Erindale, Ontario. Thomas (2011) added one other specimen from the Credit River corridor. Stephanie Hill photographed a female (Fig. 3) on June 19, 2015 in Riverwood Park, Mississauga, in a riparian setting along the Credit River Valley corridor, and collected another female (Fig. 4) on June 20, 2016 at the same location. These are only the 3rd and 4th specimens known from Canada.



Figure 1. *Merycomia whitneyi*, New Brunswick.



Figure 2. *Hybomitra cincta*, New Brunswick.

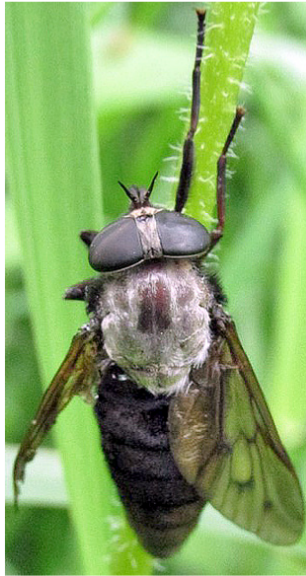
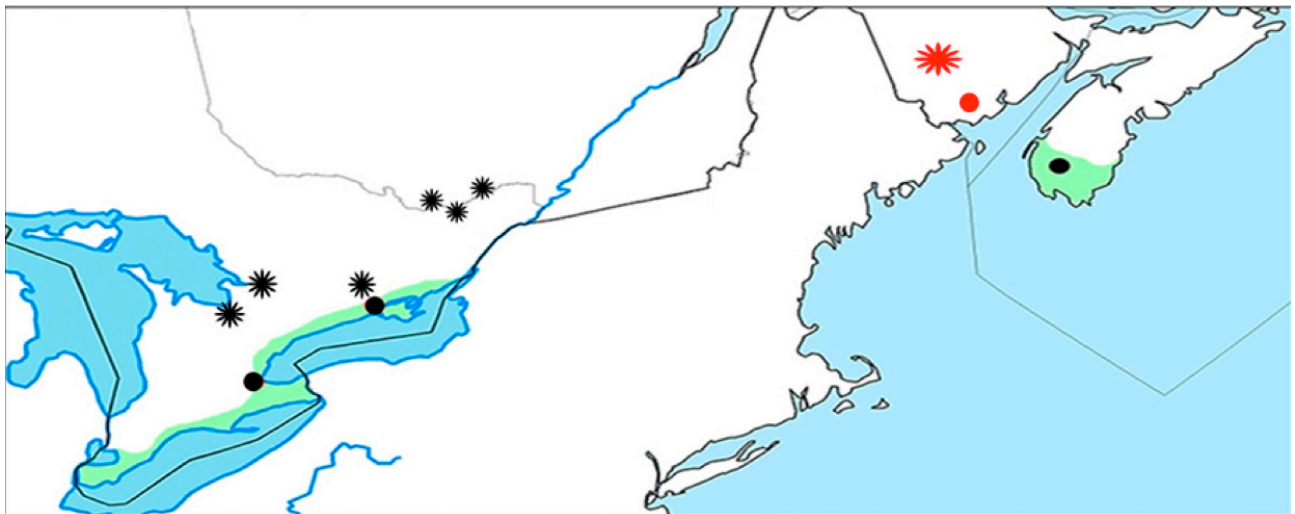


Figure 3. *Tabanus subniger*, Ontario (2015). Photo: Stephanie Hill.



Figure 4. *Tabanus subniger*, Ontario (2015). Photo: Stephanie Hill.



Map 1. *Merycomia whitneyi*: Previous records ● new record ●
Hybomitra cincta: Previous records * new record *

References

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