

- EE. Dark bands at posterior margins of segments 7, 8, 9 and 10; not as broad as preceding species and a more elaborate colour pattern.....*H. lutea*.
- DD. Ventral surface not banded.
- F. Two rows of black dots along ventral surface of abdomen.....*H. tripunctata*.
- FF. No dots.....*H. luridipennis*.
- AA. Gills oval and pointed.
- Group 2.
- G. Two light longitudinal stripes on dorsal surface of abdomen close to median line.
- H. Stripes fairly uniform for entire length.  
Reddish species  
.....*H. canadensis*.
- HH. The stripes not of uniform width, very wide on 8th segment, very narrow on 5, 6 and 7, so that darker intermediate parts have oval shapes.  
Lighter species.*H. frontalis*.
- GG. Dorsal surface of abdomen has appearance of three longitudinal dark stripes.  
Colour greenish yellow.  
*H.*, sp. undetermined.

Mr. Nathan Banks kindly identified the imagos for me and loaned me specimens of *Heptagenia verticis*, *H. luridipennis* and *H. terminata*, for comparison.