

This short description was prepared in the framework of the EU FP7 project DROPSA - Strategies to develop effective, innovative and practical approaches to protect major European fruit crops from pests and pathogens (grant agreement no. 613678). This pest was listed in the DROPSA alert list for apple fruit.

**Lygocoris communis (Heteroptera: Miridae)**

**Fruit pathway:** adults and nymphs feed on fruit; nymphs are more damaging than adults (Michaud *et al.* 1990)

**Other pathways:** plants for planting; eggs on twigs, nymphs also damage blossoms, adults also damage buds (Michaud *et al.* 1990)

**Hosts:** Polyphagous incl. *Malus domestica* (CABI CPC), *Pyrus* (Michigan State University 2015), *Rhus typhina* (CABI CPC), *Cornus racemosa*, *Ilex ambigua*, *Salix humifis* (Wheeler *et al.* 1983).

**Distribution:** North America: Canada, USA (Michaud *et al.* 1990, Wheeler *et al.* 1983)

**Damage:** The pest causes deformation, as well as scars or depressions in the fruit. Important pest in apple orchards in Quebec (Michaud *et al.* 1990); it has been an important pest of pears and apples in Nova Scotia in the 1920s, where damage sometimes resulted in total loss of an apple harvest (Wheeler 2001). Possible damage on other hosts was not considered here.

<b>Impact:</b> High (in the past)	<b>Intercepted:</b> Not known	<b>Spreading/invasive:</b> Not known
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**References:**

- CABI CPC. Crop Protection Compendium. CAB International, UK. URL: <http://www.cabi.org/cpc>
- Michaud OD, Stewart RK, Boivin G 1990. Susceptibility of apples to damage by *Lygocoris communis* and *Lygus lineolaris* (Hemiptera: Miridae). *Phytoprotection* 71(1): 25-30.
- Michigan State University 2015. Integrated Pest management: Pear plant bug (green apple bug) *Lygus communis*. URL: [http://www.ipm.msu.edu/insects/pear\\_plant\\_bug\\_green\\_apple\\_bug](http://www.ipm.msu.edu/insects/pear_plant_bug_green_apple_bug) (accessed 2015 November 03)
- Wheeler AG 2001. Biology of the plant bugs (Hemiptera: Miridae): pests, predators, opportunists. Cornell University Press, Ithaca, USA, 507 p.
- Wheeler AG, Henry TJ, Mason TL 1983. An annotated list of the Miridae of West Virginia (Hemiptera-Heteroptera). *Transactions of the American Entomological Society* 109(1): 127-158.