

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.

***Archips fuscocupreanus* (Lepidoptera: Tortricidae)**

**Fruit pathway:** larvae may feed on young fruit (Maier 2003)

**Other pathways:** plants for planting, cut branches, cut flowers; eggs on trunks, branches, stems, pupae in soil (CABI CPC), larvae also feed on leaves and flowers (Maier 2003). Egg masses on hosts are suspected for the introduction into the USA (CABI CPC).

**Hosts:** though it is most abundant on *Malus*, *Pyrus* and *Morus*, 87 host plants in 15 families are known (CABI CPC)

**Distribution:** Asia: China (Byun *et al.* 2003), Japan, Korea (Rep. and DPR), Russia (Far-East); North America: USA (introduced, first record in 1982)(CABI CPC)

**Damage:** important pest of apple in Japan (Maier 2003), defoliation of trees as well as direct crop loss due to feeding on fruit possible (CABI CPC). No noteworthy damage of managed orchards is reported from the USA so far (Maier 2012). Possible damage on other hosts was not considered here.

**Other information:** *A. fuscocupreanus* has spread from Japan to the USA, where subsequent further spread is observed (CABI CPC)

<b>Impact:</b> Moderate	<b>Intercepted:</b> Not known	<b>Spreading/invasive:</b> Yes
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**References:**

- Byun B, Yan S, Li C 2003. Revision of Tribe Archipini (Tortricidae: Tortricinae) in Northeast China. *Journal of Forestry Research*, 14(2): 93-102.
- CABI CPC. Crop Protection Compendium. CAB International, UK. URL: <http://www.cabi.org/cpc>
- Maier CT 2003. Distribution, hosts, abundance, and seasonal flight activity of the exotic leafroller, *Archips fuscocupreanus* Walsingham (Lepidoptera: Tortricidae), in the North Eastern United States. *Annals of the Entomological Society of America* 96(5): 660-666.
- Maier CT 2012. Apple Tortrix-*Archips fuscocupreanus*. The Connecticut Agricultural Experiment Station. URL: <http://www.ct.gov/caes/cwp/view.asp?a=2815&q=376728>