

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 pomivora (Lepidoptera: Tortricidae)

Fruit pathway: in apples, larvae feed on damaged fruitlets (USDA 2014, citing others), in stone fruit, primarily ripe fruit are attacked (Janjua 1940)

Other pathways: plants for planting; larvae also feed on buds, flowers, leaves (Janjua (1940)

Hosts: Polyphagous. Hosts include *Malus*, *Prunus* (Bhardwaj 1987, Janjua 1940), *Acacia*, *Rosa*, *Citrus*, *Coffea* (Brown *et al.* 2008)

Distribution: Asia: China (USDA 2014, citing others), India (CABI CPC), Pakistan (Janjua (1940). Brown *et al.* (2008) lists collection specimen from Bhutan (from the British Museum of Natural History).

Damage: Reports of damage on apple in the 1980s-90s in Northern India, as well as specific studies at the beginning of the 2000s (e.g. Sharma *et al.* 2005). Predominating apple infesting tortricid in Himachal Pradesh, India (Bhardwaj 1987). First report as a pest of apple in Jammu and Kashmir (India) in the 1990s (Bhagat *et al.* 1994). Possible damage on other hosts was not considered here.

Other information: Synonyms *Archips termias* used in CABI CPC and Brown *et al.* 2008, and *Cacoecia sarcosiega* in Janjua (1940).

Impact: Moderate	Intercepted: Not known	Spreading/invasive: Yes
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References:

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- Brown JW, Robinson G, Powell JA 2008. Food plant database of the leafrollers of the world (Lepidoptera: Tortricidae) (Version 1.0). <http://www.tortricid.net/foodplants.asp>.
- CABI CPC. Crop Protection Compendium. CAB International, UK. URL: <http://www.cabi.org/cpc>
- Janjua NA 1940. On the Biology of *Cacoecia sarcosiega* Meyr. in Baluchistan. *Indian Journal of Entomology* 2(2): 145-154.
- Sharma S, Bhardwaj SP, Thakur M 2005. Morphology and life cycle of apple leaf roller, *Archips termias* Meyrick infesting apple in Himachal Pradesh. *Indian Journal of Entomology*, 67(4), 289.
- USDA 2014. Importation of apples (*Malus pumila*) from China into the Continental United States - A Qualitative, Pathway-Initiated Pest Risk Assessment. United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine, 293 p.