

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.

***Spilonota prognathana* (Lepidoptera: Tortricidae)**

**Fruit pathway:** eggs are laid in the fruit and larvae bore into apple fruit (Kondo and Miyahara 1930, Gibanov and Sanin 1971, USDA 2014)

**Other pathways:** plants for planting; larvae also feed on leaves and buds and overwinter in cocoons in fallen leaves or on branches (Gibanov and Sanin 1971)

**Hosts:** *Malus*, *Crataegus* (Sytenko 1960), *Prunus* (Kondo and Miyahara 1930), *Pyrus* (Gibanov and Sanin 1971)

**Distribution:** Asia: China (Kondo and Miyahara 1930), Russia (far East) (Sytenko 1960), Japan (Zhang and Li 2005)

**Damage:** has caused crop losses of 77-85 % in apples in Russia (far East) (Sytenko 1960). Records from 1930 and 1973 indicate that *S. prognathana* has caused damage in northeastern Asia, Japan and Guangdong (Kwangtung), China (Chapman 1973; Kondo and Miyahara 1930 cited in USDA 2014). Possible damage on other hosts was not considered here.

**Other information:** USDA PRA (2014) concluded that consequences in case of introduction would be unacceptable.

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

- Gibanov PK, Sanin YV 1971. Lepidoptera-pests of fruits in the Maritime Province. Zashchita Rastenii, 16(8): 41-43.
- Kondo T, Miyahara T 1930. Fruit Borers and a Summary of their Life-histories in Kwangtung, China. Journal of Plant Protection 17: 85-94.
- Sytenko LS 1960. On the specific composition of fruit moths in the Maritime Province. Entomologicheskoe obozrenie 39(3): 551-555.
- 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.
- Zhang AH, Li HH 2005. Catalogue of Eucosmini from China (Lepidoptera: Tortricidae). SHILAP Revista de Lepidopterología 33(131): 265-298.