

The **Brown Marmorated Stinkbug**

(Halyomorpha halys) is a serious pest of agricultural crops around the world. It is yet to be reported from Cyprus but keep your eyes open!

What can we do?

- Do not plant ornamentals and other alien plants in nature.
- Choose to buy and cultivate native plants rather than aliens.
- Look out for and remove any insects on plants you buy for your garden.
- Some alien insects may also hide in your luggage. When travelling check your bags for insects or other unwanted passengers.
- Become a citizen scientist and record any insects you find on your garden and house plants.

To find out more about alien species please visit:



https://ris-ky.info/cydas



www.facebook.com/groups/ RISKYCYPRUS



@RisKyAliens



We thank Defra Darwin Plus for funding this project on the Sovereign Base Areas of the Akrotiri, Episkopi and Dhekelia on Cyprus.



Download the iNaturalist application for free and upload your observations to the platform.





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Alien insects as hitchhikers on ornamental plants

Globalization and international trade has led to the translocation of species across the globe, outside their native range. These species are also called 'alien'.

Most alien species of plants have been introduced for agricultural, horticultural, ornamental or medicinal purposes. However, there are numerous cases of species introduced unintentionally.



As a result, many insect species have followed their host-plants to their introduced areas and many of these species have managed to establish, reproduce and spread.

Let's learn more together about alien plants used as ornamentals and some of the insects that hitch a ride on them to new destinations!

Ornamental alien trees

Palm trees

(Phoenix

One of the largest weevils on Cyprus! Look out for its distinct black and red colour. Native to Asia, the Red Palm Weevil (Rhynchophorus ferrugineus) was first recorded from Cyprus in 2006. Its larvae develop inside the wood of palm trees and can lead to the death of the plant.

The Palm Moth (Paysandisia archon) is native to South America and was first recorded from Cyprus in 2008. Its larvae also develop inside the wood of palm trees and can lead to the death of the plant. Under its grey first pair of wings orange, black and white colours emerge!

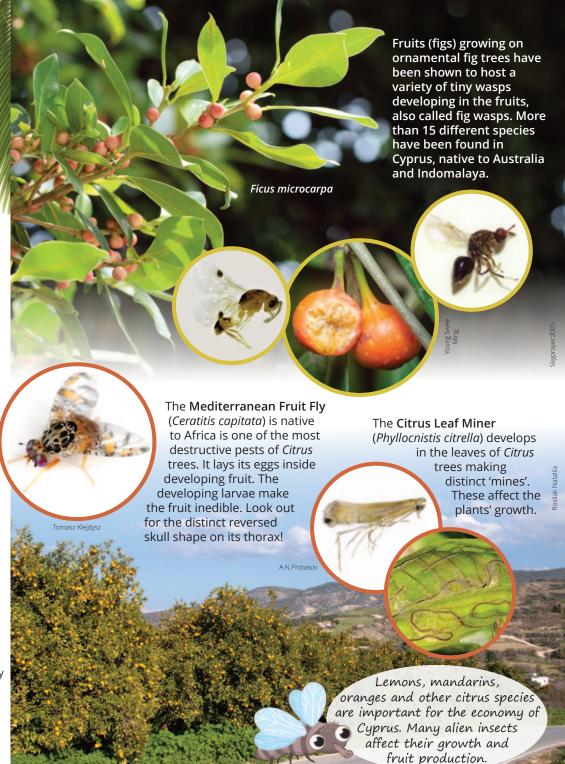
The Eucalyptus Gall-wasp

(Ophelimus maskelli) is native to Australia and was first recorded from Cyprus in 2021, although it was probably present on the island for decades. It inserts its eggs into Eucalyptus leaves creating conspicuous galls, which turn red as they mature. From these galls fully developed adults emerge.

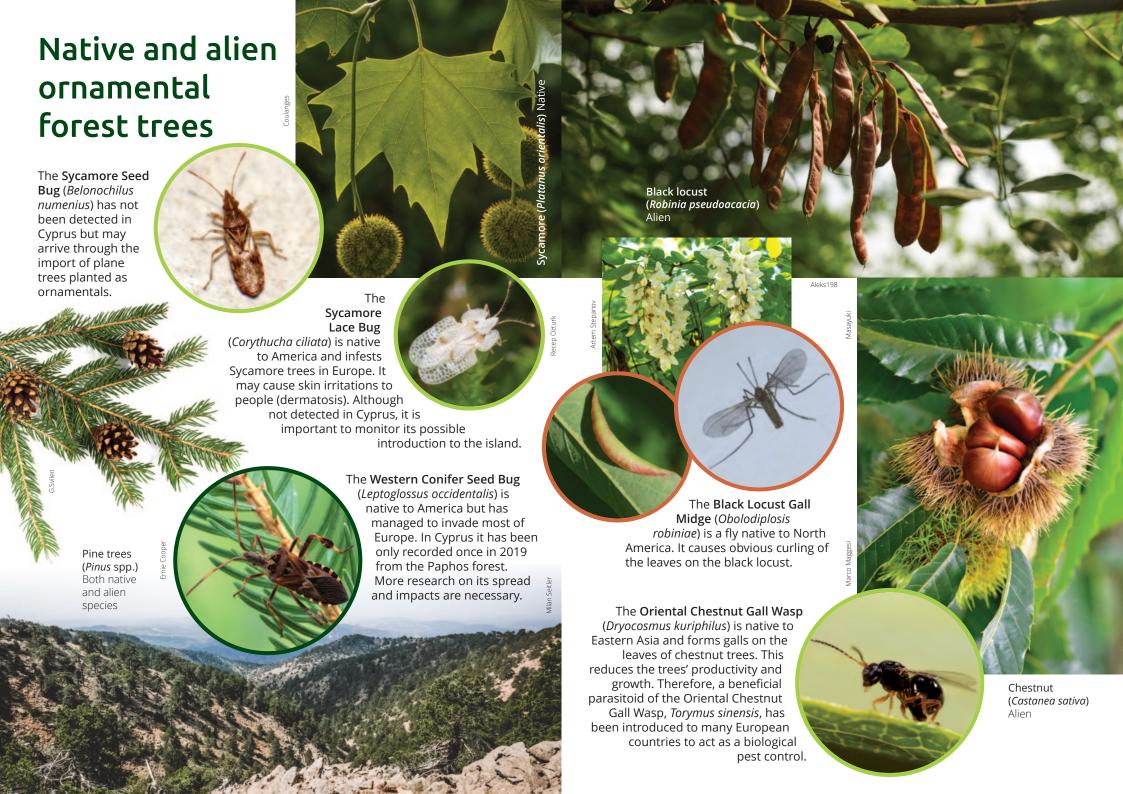
Look out for these 'pimple'-like galls on *Eucalyptus* leaves.

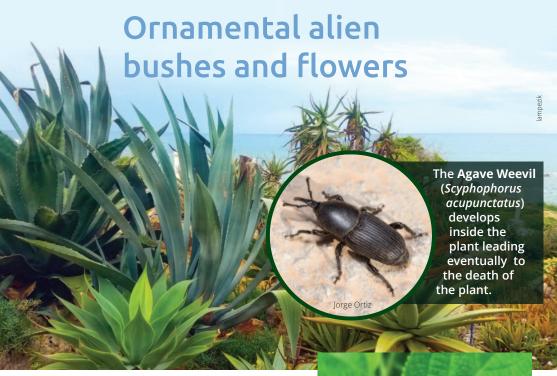
The **Red Gum Lerp Psyllid** (*Glycaspis brimblecombei*) creates conspicuous 'cones' made of sugary excretions on the leaves of *Eucalyptus* trees. Leaves become sticky and attract other insects.

Eucalyptus
trees
(Eucalyptus
spp.) host
approximately
30 alien
insects most
of which are
native to
Australia!



A.N.Protasov





American Aloe (Agave americana)

The Lantana Plume Moth (Lantanophaga pusillidactylus) develops exclusively on lantana plants and lays its eggs on the flowers' bases. The developing larvae damage flower heads.

Silverleaf Nightshade (Solanum elaeagnifolium)



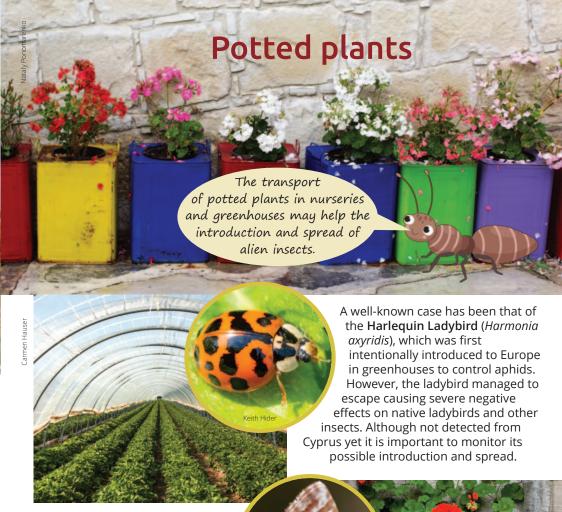




Abrarul Hague

Look out for this striped 'tiger'-like black and orange insect. The Colorado Potato Beetle (Leptinotarsa decemlineata) is native to America and is a serious pest of plants of the genus Solanum, such as S. elaeagnifolium and the potato. Although not detected in Cyprus, it is important to monitor its possible introduction to protect economically important potato crops.

Common Lantana (Lantana camara)



The Geranium Bronze Butterfly (Cacyreus marshalli) has managed to spread throughout the Mediterranean developing inside Geranium and Pelargonium potted plants. Although not detected in Cyprus yet, it is important to monitor its possible introduction and spread.

The soil in potted plants can host alien insects such as ants! At least six alien species are believed to have been introduced to the island in potted plants, including the Little Fire Ant (Wasmannia auropunctata), one of the world's worst invasive alien species.