

# 12. Cedar Apple Rust

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Memorial  
Botanical Trail



Red Cedar and Apple Tree, Hosts of Cedar Apple Rust



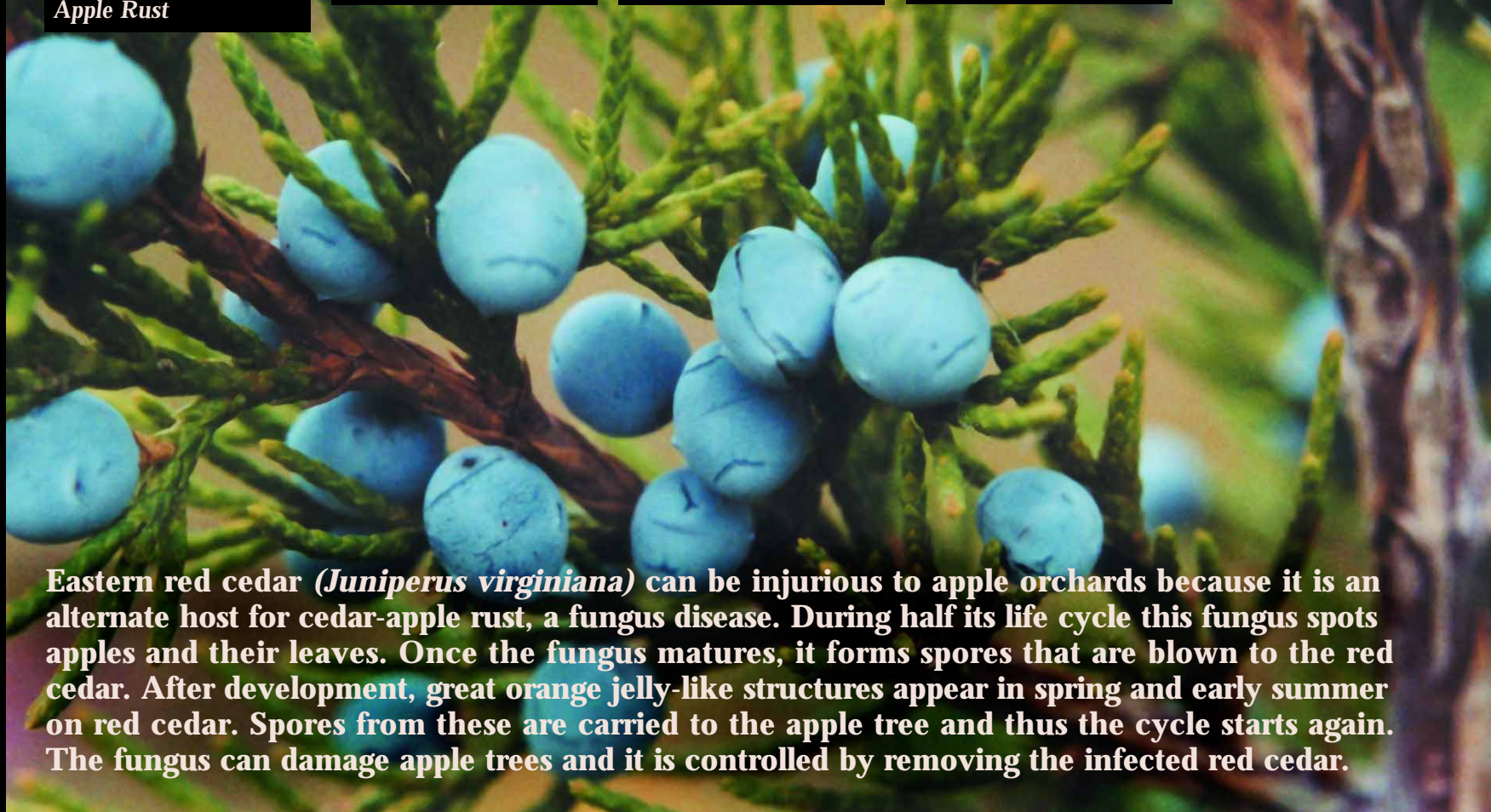
Cedar Apple Rust



Gall of Cedar Apple Rust



Hanging Spore Threads After Spring Rain



Eastern red cedar (*Juniperus virginiana*) can be injurious to apple orchards because it is an alternate host for cedar-apple rust, a fungus disease. During half its life cycle this fungus spots apples and their leaves. Once the fungus matures, it forms spores that are blown to the red cedar. After development, great orange jelly-like structures appear in spring and early summer on red cedar. Spores from these are carried to the apple tree and thus the cycle starts again. The fungus can damage apple trees and it is controlled by removing the infected red cedar.