

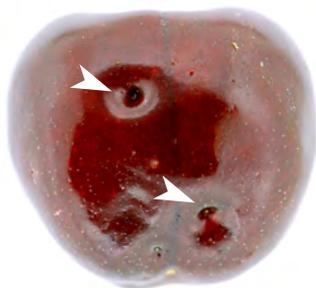
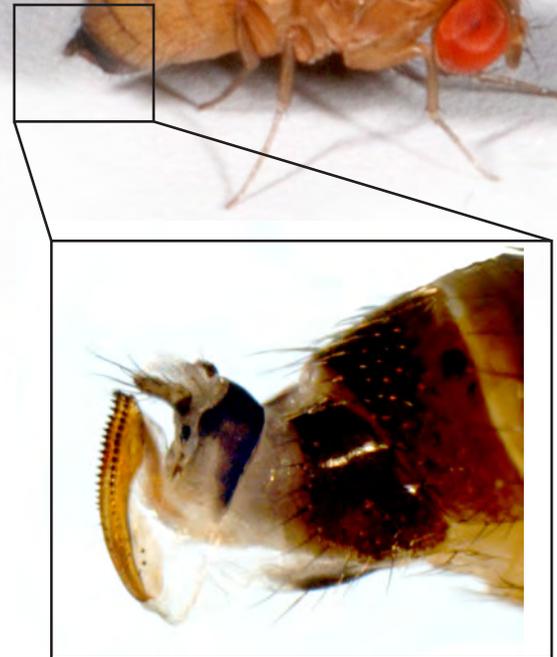
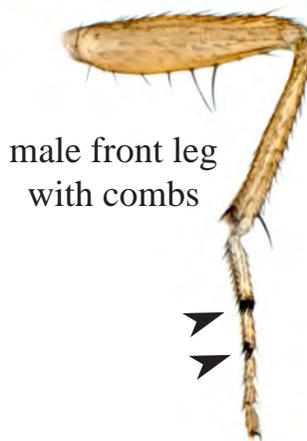
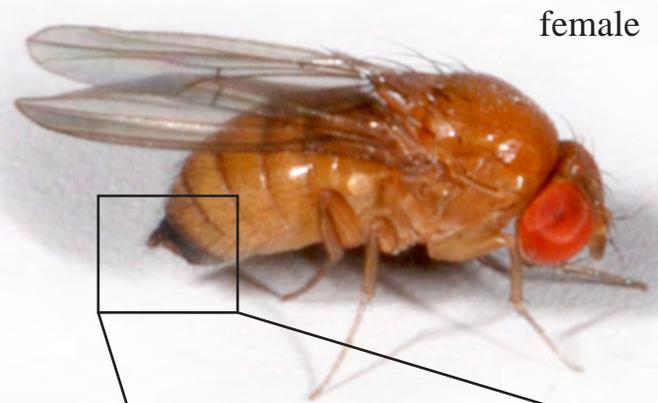
Spotted Winged Drosophila

Drosophila suzukii, (Matsumura 1931)

Distribution: Japan, Korea, Russia (Far East), China, Myanmar, Thailand, India. Recently reported from Spain (2008) and Italy (2009). Known from Hawaii (1983) and North America, USA (CA, OR, WA, FL) and Canada (BC) (2009).

Host and Damage: Unlike most *Drosophila*, this species lays eggs in healthy fruit and can cause significant damage, but also can breed in rotting fruit. The preferred hosts in California are various cherries and raspberries, but also strawberries, nectarines, boysenberries, Asian plums, plums, plumcots, Satsuma plums and blackberries. In Japan significant damage is reported from blueberries, as well as grapes and mulberries.

Field identification: Adults brownish orange with red eyes, 2.5 - 3 mm, males with conspicuous black apical wing spot, and two rows of black combs on the front leg; females with distinct sawing ovipositor. Infected cherries have dimple like oviposition scars. Larvae white elongate cylindrical, tapered apically, up to 3.5 mm. Pupa brown oval shaped with a pair of antler like spiracles at one end. Pupation in or on fruit or in the soil. Adults can be active all year around. One generation can be completed in less than 2 weeks under favorable conditions.



Spotted Wing Drosophila Detections in California 2009



-  Drosophila suzukii Detection
-  County with Detection
-  County

Map Printed: 3-10-2010
 Made By: Ceema Feizollahi
 MapInfo 10.0 Streetpro v 10



cdfa CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE