

Thrips vectors of tomato spotted wilt tospovirus



Thrips feeding damage

Thrips tabaci - Onion thrips



Thrips tabaci – onion thrips



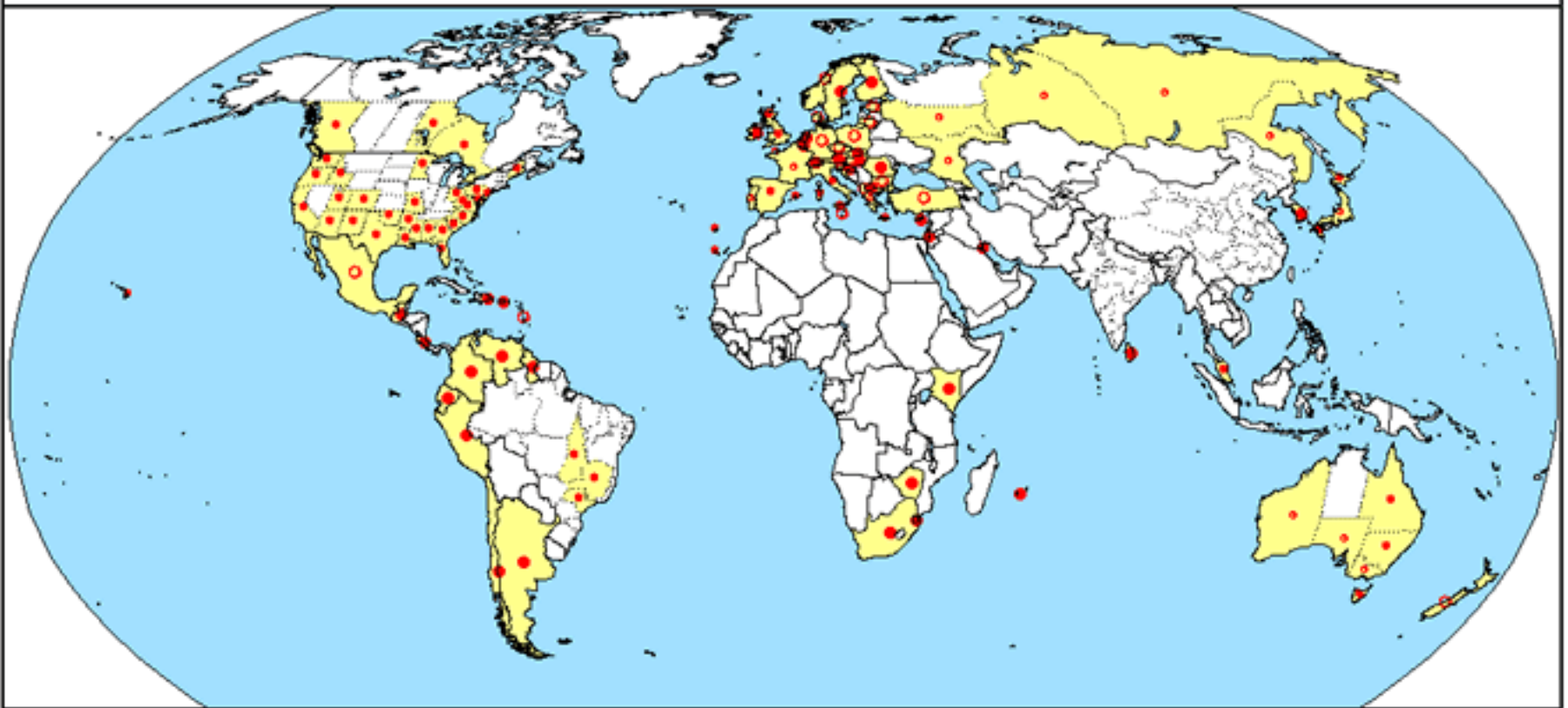
Photo by Alton James

Frankliniella occidentalis -western flower
thrips



Distribution Maps of Quarantine Pests for Europe

Frankliniella occidentalis



National record



Subnational record

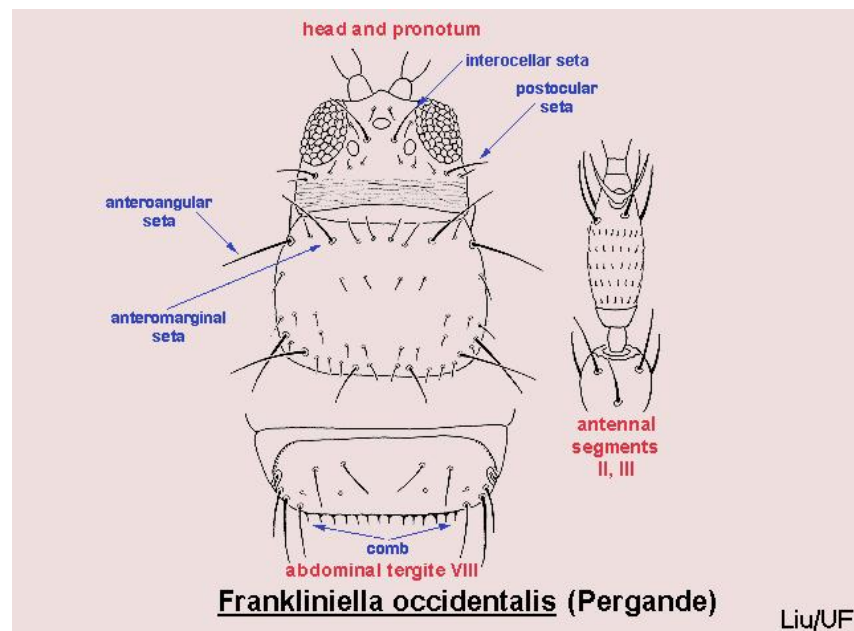
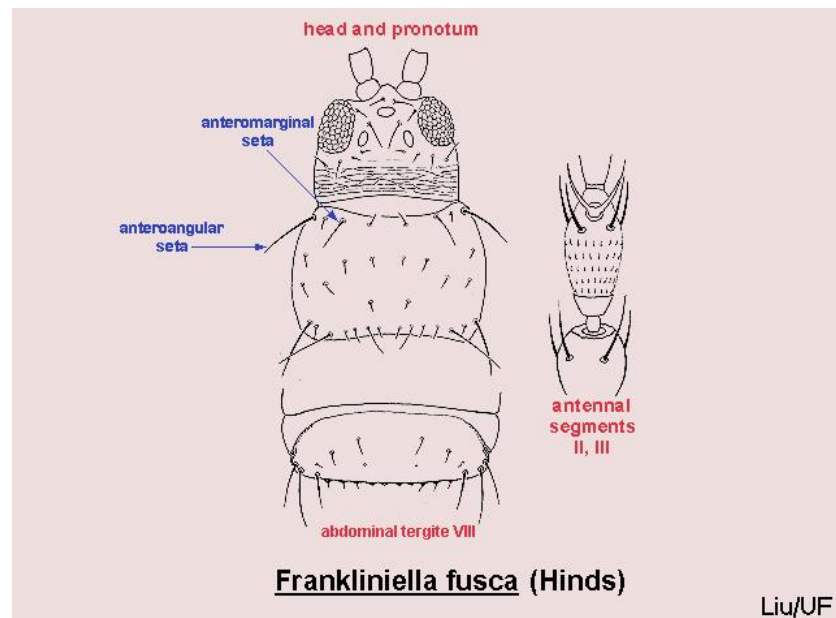
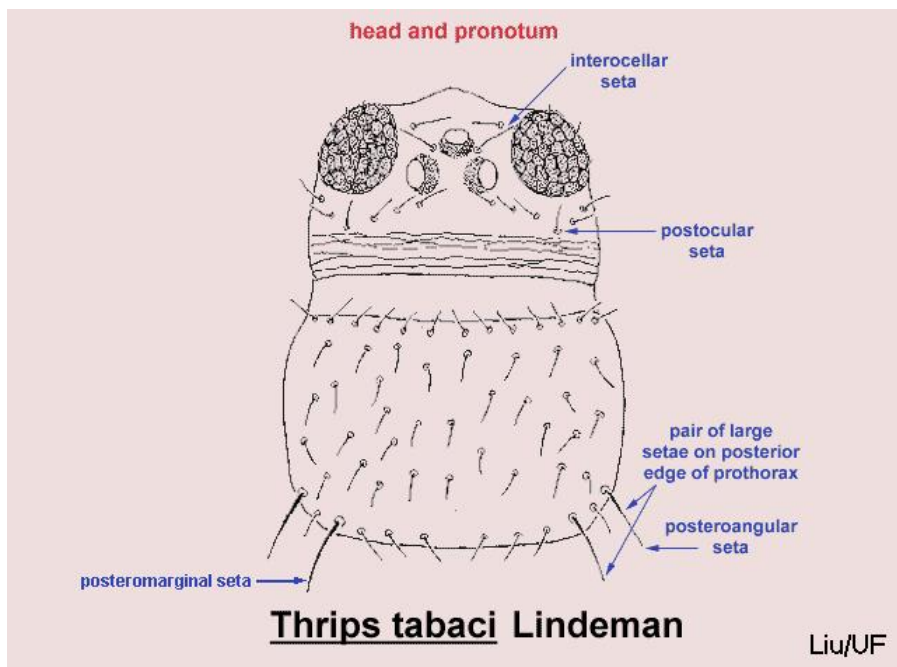


Present

Present only in some areas

Frankliniella fusca





Whiteflies

Two economically important species:

Trialeurodes vaporariorum – greenhouse whitefly

Bemisia tabaci – sweetpotato whitefly

vector of several geminiviruses

Trialeurodes vaporariorum - greenhouse whitefly



Greenhouse whiteflies hold their wings flat against their body

Photo by Ken Gray, Oregon State

Bemisia tabaci - sweetpotato whitefly



Adult *B. tabaci* hold their wings tent-like over their abdomens