

Small hive beetle (Aethina tumida) and predators (Vespidae)

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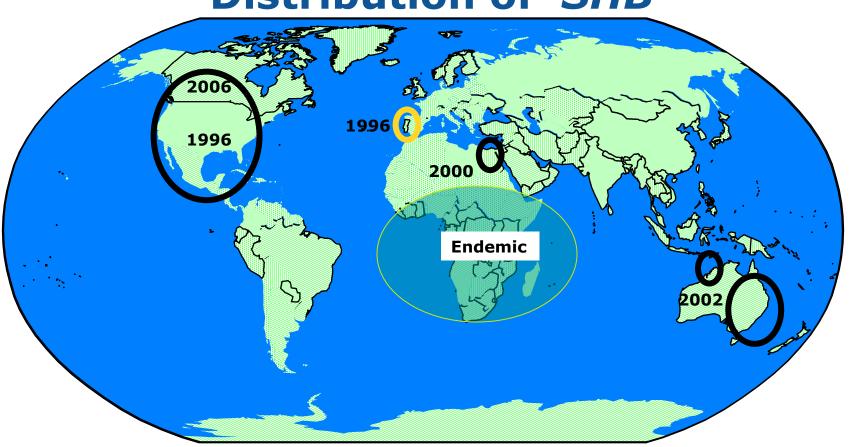


Distribution of SHB





Distribution of SHB





Biology of SHB

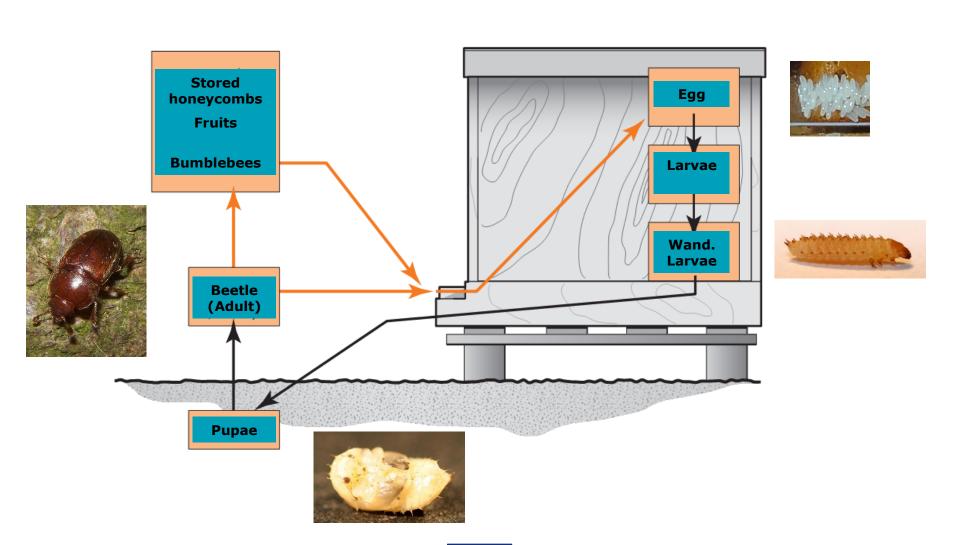




SHB in **Subsaharan** Africa











Larvae



Larvae

14d to

3 months

Pupae

Beetle Adult







Number of generations:

about 4 in mediteranean climate

about1-2 temperate climate

Temp. >10°C







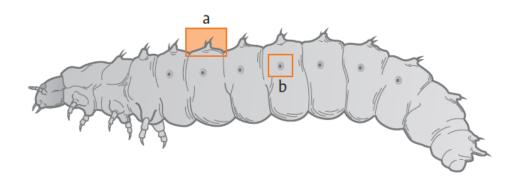




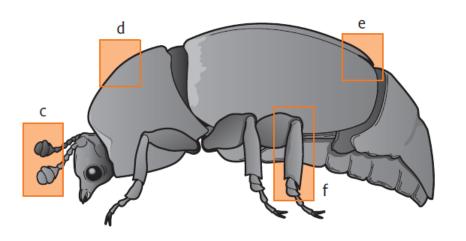


Waxmoth (Galleria mellonella)





a dorsal bristle b spiracle



c antenna d shape of pronotum e length of elytra f shape of tibia

(O. Boeking)



Fam: Nitidulidae Cychramus luteus Aethina tumida





































Control of SHB





Control of SHB







Control of SHB







Good Beekeeping Praxis

•Cool storage of combs (<10°C)

•Immidiate honey processing after harvest

(next day)

Strong colonies

 (control of diseases,

queenright)



New distribution of Vespa velutina

