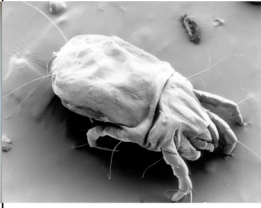


Arthropods

Dyctyoptera	
Blatella germanica	Periplaneta americana
8 oothecae with 30-48 embryos	10-15 oothecae with 16 embryos
	
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Lepidoptera	
Sitotroga cerealella	Plodia interpunctella
Lives in grains, it has a V between the wings Put eggs inside grains → larva L1, L2, L3 → nymph → adult 1 pair = 60M larvae → 2k kg of grain infected grain treatment with pyrethrins, pheromone trap, temperatures	attacks dried fruit Same as previous Similar to previous same as previous
	
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Astigmata	
Tyrophagus casei	Dermatophagoides
Mimolette cheese	Mites that attack flour
	
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Prostigmata	
Eriophyidae	Tarsonemidae
live as plant parasites, commonly causing galls or other damage to the plant tissues and hence known as gall mites.	most species in this family feed on the thin-walled mycelia of fungi or possibly algal bodies
	

Coleoptera		
Dermestes spp	Oryzaephilus surinamensis	Sitophilus spp
Lives in fish flour, dried skin, meats & sausages, grains, meat flour and bones	lives in cornfield and in grains, flours, pasta, bread, nuts Same as previous	they live and they have a species for every grain: corn, cornfield and rice
		
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Diptera
Cyclorgraphic dipters
Flies. Musca domestica & Fannia canicularis. Lucilla sericata & Calliphora vomitoria. Sarcophaga carnaria (meat eaters). Eristalis tenax (faeces) Piophilha casei (cheese) eggs → L1, L2, L3 → pupae → adult Accidental myiasis producers, mechanical vectors, food seizures

By Martin Cooper from Ipswich, UK - Anthomyiidae (female), CC BY 2.0,

