

Stored Products Pest Teaching Collection				
	Scientific name	Common name	BQB #	Notes
1	<i>Acanthoscelides obtectus</i>	Bean weevil	128C0003A	In indoor settings they can breed continuously in dried dried legumes such as beans, cowpeas, lentils and peas stored in warm conditions.
2	<i>Lasioderma serricorne</i>	Cigarette beetle (Adult)	118C0001A	They can infest stored food products including grains, peanuts, seeds, processed grain products, dried fruits and vegetables butt they prefer spices, tobacco products and dry pet food. They can even be found infesting rodent baits, dried flowers, dead rodents and dead insects.
3	<i>Lasioderma serricorne</i>	Cigarette beetle (Larvae)	118C0001NA	They can infest stored food products including grains, peanuts, seeds, processed grain products, dried fruits and vegetables butt they prefer spices, tobacco products and dry pet food. They can even be found infesting rodent baits, dried flowers, dead rodents and dead insects.
4	<i>Lasioderma serricorne</i>	Cigarette beetle (Pupae)	118C0001HA	They can infest stored food products including grains, peanuts, seeds, processed grain products, dried fruits and vegetables butt they prefer spices, tobacco products and dry pet food. They can even be found infesting rodent baits, dried flowers, dead rodents and dead insects.
5	<i>Tenebrio molitor</i>	Yellow Mealworm (Adult)	52C0040A	They prefer old or moldy grain, oats or seeds, so their presence indicates a lack of proper sanitation. When eggs and/or larvae are ingested with breakfast foods they can cause gastrointestinal discomfort.
6	<i>Tenebrio molitor</i>	Yellow Mealworm (Larvae)	52C0040NA	They prefer old or moldy grain, oats or seeds, so their presence indicates a lack of proper sanitation. When eggs and/or larvae are ingested with breakfast foods they can cause gastrointestinal discomfort.
7	<i>Tenebrio obscurus</i>	Dark Mealworm Beetle	52C0041A	They prefer old or moldy grain, oats or seeds, so their presence indicates a lack of proper sanitation. When eggs and/or larvae are ingested with breakfast foods they can cause gastrointestinal discomfort.
8	<i>Stegobium paniceum</i>	Drugstore beetle (Adult)	118C0010A	The larvae will eat nearly anything but prefer bread, flour, meal, spices and pet foods commonly in both homes and storehouses. Adults do not feed on food, but can chew through food packaging. They are also known to attack a variety of nonfood products and can cause damage to books.
9	<i>Stegobium paniceum</i>	Drugstore beetle (Larvae)	118C0010NA	The larvae will eat nearly anything but prefer bread, flour, meal, spices and pet foods commonly in both homes and storehouses. Adults do not feed on food, but can chew through food packaging. They are also known to attack a variety of nonfood products and can cause damage to books.
10	<i>Oryzaephilus mercator</i>	Merchant Grain Beetle (Adult)	74C0011A	Their diet is highly varied, infesting grain products, cereals, breads, peas, beans, dried meats, macaroni, nuts, dried fruits, spices, chocolate, drugs, tobacco, herbarium, insect and museum specimens.
11	<i>Oryzaephilus mercator</i>	Merchant Grain Beetle (Larvae)	74C0011NA	Their diet is highly varied, infesting grain products, cereals, breads, peas, beans, dried meats, macaroni, nuts, dried fruits, spices, chocolate, drugs, tobacco, herbarium, insect and museum specimens.
12	<i>Oryzaephilus surinamensis</i>	Sawtoothed Grain Beetle	74C0010A	Eggs are laid on stored food products, especially of high moisture content and they prefer damaged food rather than intact grains, kemels, etc. infesting food, rendering it inedible.
13	<i>Tribolium confusum</i>	Confused Flour Beetle (Adult)	52C0010A	Their diet is highly varied, infesting grain products, cereals, breads, peas, beans, dried meats, macaroni, nuts, dried fruits, spices, chocolate, drugs, tobacco, herbarium, insect and museum specimens.
14	<i>Tribolium confusum</i>	Confused Flour Beetle (Larvae)	52C0010NA	Eggs are laid on stored food products, especially of high moisture content and they prefer damaged food rather than intact grains, kemels, etc. infesting food, rendering it inedible.
15	<i>Sitophilus granarius</i>	Granary Weevil	131C0216A	Eggs are laid in small holes chewed by females and the larvae develop inside kemels of whole corn, wheat, barley, rice, pet food, bird seed, sunflower seeds and occasionally old pasta, chestnuts and acorns.
16	<i>Plodia interpunctella</i>	Indian Meal Moth (Adult)	33H0005A	Eggs are laid on a wide variety of stored food products, including grains/grain products, cereals, dried fruits, seeds, nuts, powdered milk, biscuits, chocolate, candy, spices, dry pet food, bird seed, etc. They are very common in homes and food storage areas. Larval feeding destroys stored food items or contaminates them by larvae droppings and silken webs.
17	<i>Demestes mamoratus</i>	Hide Beetle (Adult)	116C0007A	Common foods for these beetles include leather goods, hides, skins, dried fish, pet-food, bacon, cheese, and feathers.
18	<i>Demestes maculatus</i>	Hide Beetle (Larvae)	116C0005NA	Common foods for these beetles include leather goods, hides, skins, dried fish, pet-food, bacon, cheese, and feathers.
19	<i>Trogodema variabile</i>	Warehouse Beetle (Adult)	116C0016A	Eggs are laid in stored food products and any animal or plant-based products including cake mix, candy, cereals, chocolate, cookies, corn, dog food, pasta, oats, peas, potato chips, dried fruit, rice, spices where they infest and ruin food. Hastasetae (arrow-shaped hairs) on the larvae can irritate throat if consumed accidentally from contaminated food.
20	<i>Trogodema variabile</i>	Warehouse Beetle (Larvae)	116C0016NA	Eggs are laid in stored food products and any animal or plant-based products including cake mix, candy, cereals, chocolate, cookies, corn, dog food, pasta, oats, peas, potato chips, dried fruit, rice, spices where they infest and ruin food. Hastasetae (arrow-shaped hairs) on the larvae can irritate throat if consumed accidentally from contaminated food.
21	<i>Callosobruchus maculatus</i>	Cowpea Weevil	128C0035A	This common pest of stored legumes has a cosmopolitan distribution, occurring on every continent except Antarctica.

22	<i>Lissorhoptrus oryzaphilus</i>	Rice Water Weevil	131C0750A	Rice water weevil is the most economically damaging of the invertebrate pests found in California. Root pruning by larvae is the major cause of reduced yields. Plants with damaged roots may become stunted and lose yield through reduction of tillers and panicles or because maturity is delayed. Reduced tillering and slower growth also allow weeds to become better established.
23	<i>Rhyzopertha dominica</i>	Lesser grain borer	120C0030A	It attacks whole grain. The eggs are laid in clusters on the surface, and the larvae burrow into the kernels. The life cycle takes about 58 days.
24	<i>Gibbium psylloides</i>	Spider Beetle (Adult)	119C0001A	Spider beetles are not very common in homes. They are more often pests in food warehouses or in flour and grain mills. They are considered to be minor pests of stored grains because they develop slowly and, like many stored food pests, infest foods that are already old, moldy, or damaged. In homes, grains or dry pet food or birdseed that is stored in bulk can be infested.
25	<i>Gibbium psylloides</i>	Spider Beetle (Pupae)	119C0001HA	Spider beetles are not very common in homes. They are more often pests in food warehouses or in flour and grain mills. They are considered to be minor pests of stored grains because they develop slowly and, like many stored food pests, infest foods that are already old, moldy, or damaged. In homes, grains or dry pet food or birdseed that is stored in bulk can be infested.
26	<i>Gibbium psylloides</i>	Spider Beetle (Larvae)	119C0001NA	Spider beetles are not very common in homes. They are more often pests in food warehouses or in flour and grain mills. They are considered to be minor pests of stored grains because they develop slowly and, like many stored food pests, infest foods that are already old, moldy, or damaged. In homes, grains or dry pet food or birdseed that is stored in bulk can be infested.
27	<i>Liposcelis subfusca</i>	Grain Psocid	1W0003A	They are tiny and wingless insects which live on mouldy products in houses (e.g. books), grain stores, mills and in museum collections.
28	<i>Acarus siro</i>	Flour Mite	1GA125A	Flour mites that contaminate grains, flour and animal feedstuffs, create allergens in the dust produced, and also transfer pathogenic microorganisms. Foodstuffs acquire a sickly sweet smell and an unpalatable taste. When fed infested feeds, animals show reduced feed intake, diarrhea, inflammation of the small intestine, and impaired growth. Pigs have their live-weight gain, feed-to-gain ratio, and nitrogen retention markedly reduced by infested feeds.
29	<i>Tribolium castaneum</i>	Red Flour Beetle (Adult)	52C0011A	It is a worldwide pest of stored products, particularly food grains, and a model organism for ethological and food safety research.
30	<i>Tribolium castaneum</i>	Red Flour Beetle (Larvae)	52C0011NA	It is a worldwide pest of stored products, particularly food grains, and a model organism for ethological and food safety research.
31	<i>Tribolium castaneum</i>	Red Flour Beetle (Pupae)	52C0011HA	It is a worldwide pest of stored products, particularly food grains, and a model organism for ethological and food safety research.
32	<i>Sitophilus oryzae</i>	Rice weevil	131C0215A	The rice weevil ( <i>Sitophilus oryzae</i> ) is a stored product pest which attacks seeds of several crops, including wheat, rice, and maize.