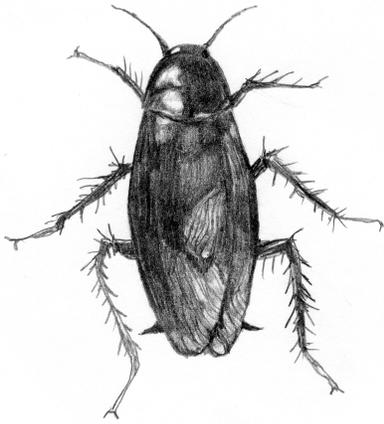


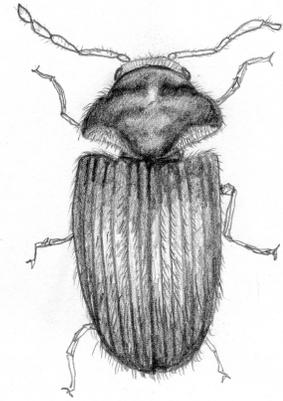
American Cockroach
Periplaneta americana
 (Adult)
 3.8-5.5cm

Inspired by Fleming College's insect ID cards. Created by Meaghan Perry and Mary Baughman, Ransom Center, Austin, Texas.



Smokybrown Cockroach
Periplaneta fuliginosa
 (Adult)
 3.2cm

Inspired by Fleming College's insect ID cards. Created by Meaghan Perry and Mary Baughman, Ransom Center, Austin, Texas.



Drugstore Beetle
Stegobium paniceum
 (Adult)
 3-4mm

Inspired by Fleming College's insect ID cards. Created by Meaghan Perry and Mary Baughman, Ransom Center, Austin, Texas.



Sam American Cockroach

Color: Adults are Reddish Brown with light yellowish markings on the pronotum. They are good flyers. They are found in sewers, basements and around pipes. American cockroaches eat starch in book bindings, manuscripts, glue, paper with starch sizing, and dead or wounded insects. Fermenting foods attract them. While feeding and resting they deposit Attar, a brown liquid containing pheromones that attract other cockroaches. Egg cases (ootheca) are 9 mm. brown, and purse-shaped. Immature cockroaches emerge from egg cases in 6-8 weeks and mature in the nymph stage in 6-12 months. Nymphs moult 13 times. Adult cockroaches can live up to a year, during which females produce an average of 150 young.



Arthur Smokybrown Cockroach

Color: Adults are uniform reddish mahogany brown. They are very good flyers. They are found in sewers, loose mulch, and attics. They lose moisture through the cuticle and require liquid every 2-3 days. They eat organic matter, and deposit attar, a brown liquid containing pheromones that attract other cockroaches. The eggs are laid in a dark brown egg case (ootheca) that is 12mm long. Incubation averages 45 days. An average of 20 nymphs hatch from each ootheca. Adults live 2-6 months. Life cycle is 320 days from egg to adult.



Dillon the Drugstore Beetle

Color: Brown, with the head tucked underneath the pronotum. Among brown collection pest beetles, only *Stegobium* has grooves longitudinally on the wing cases (elytra). The antennae end in 3 segmented clubs. Female can lay up to 75 eggs at once. Adults do not feed but can chew holes. The larvae can eat drugs, herbs, hair, leather, paper, biscuits. They can bore into wood, through tin foil and lead sheets.