

Lab 14 Reference Sheet

Three Types of Beetles

Ground beetle (*Harpalus affinis*)



- Locations: Europe, Asia, North America, Middle East, and Australia
- Size: 8.5–12 mm
- Habitats: dry areas such as open farmland, parks, gardens, and sand dunes
- Reproduction
 - Spring is the main egg-laying season, but some egg laying occurs in summer.
 - Larvae and adults are present from winter into spring.

LAB 14

Figeater beetle (*Cotinis mutabilis*)



- Locations: southwest United States, Mexico
- Size: 3 cm (adult)
- Habitats: areas where they can feed on pollen and nectar, as well as damaged fruits
- Reproduction:
 - Spring is the main time for transition from larvae to adults.
 - Adults emerge July–September.
 - Eggs and larvae stage occur over winter.

Potato beetle (*Leptinotarsa decemlineata*)



- Locations: southwest United States, Mexico, Europe, and southern Russia
- Size: 10 mm (adult)
- Habitats: found mainly near farmland (crop pest for potato agriculture)
- Reproduction
 - Very quick, typically one month to go from egg to adult
 - Eggs laid on the underside of leaves
 - Temperature and light dependent
 - Three generations can grow during a single crop season