Kingdom: Animalia
Phylum: Arthropoda
Class: Insecta
Order: Coleoptera
Family: Buprestidae
Genus: Agrilus
Species: auroguttatus

Where is it native? South eastern Arizona
Where is it invasive? San Diego County
What does it eat? Adults eat oak leaves, larvae eat inner layers of oak bark
How does it eat? Larvae burrow under the bark & use their chewing jaws to bore through oak trees
Kingdom: Animalia
Phylum: Arthropoda
Class: Insecta
Order: Hemiptera
Family: Pentatomidae
Genus: Bagrada
Species: hilaris

Where is it native? Africa, middle East and Indian subcontinent

Where is it invasive? California, Arizona, Nevada, Colorado, New Mexico, Texas

What does it eat? Plants in the mustard family like broccoli, kale & cauliflower

How does it eat? It inserts its piercing-sucking mouthparts into plants & slurps them up!
**Ceratitis capitata**

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Diptera  
**Family:** Tephritidae  
**Genus:** Ceratitis  
**Species:** capitata

**Where is it native?** Sub-Saharan Africa

**Where is it invasive?** All over the world – so far all infestations in California, Texas, Arizona, Florida have been eradicated.

**What does it eat?** >260 types of fruits, flowers, vegetables, & nuts

**How does it eat?** Adults regurgitate stomach fluid onto food & slurp it up with sponging mouthparts. Larvae burrow into fruit and drink liquids & juice.
Kingdom: Animalia  
Phylum: Arthropoda
Class: Insecta  
Order: Hemiptera
Family: Psyllidae
Genus: Diaphorina
Species: citri

Where is it native? Africa, middle East and Indian subcontinent

Where is it invasive? California, Alabama, Arizona, Florida, Georgia, Guam, Hawaii, Louisiana, Mississippi, Puerto Rico, South Carolina, Texas,

What does it eat? Plants in the citrus family like oranges, lemons, grapefruits

How does it eat? It inserts its piercing-sucking mouthparts into plants & slurps them up! While feeding, it can transmit the Huanglongbing bacterial disease

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Kingdom: Animalia
Phylum: Arthropoda
Class: Insecta
Order: Coleoptera
Family: Curculionidae
Genus: Euwallacea
Species: ________________

Where is it native? Southeast Asia

Where is it invasive? Los Angeles, Riverside, Orange, San Diego Counties

What does it eat? Pregnant females bore into trees, creating galleries, and plant an ambrosia fungus. She lays eggs in the galleries, which hatch into larvae that eat the ambrosia fungus. The fungus eventually kills the tree.
**Halyomorpha halys**

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Hemiptera  
**Family:** Pentatomidae  
**Genus:** Halyomorpha  
**Species:** halys

Where is it native? Eastern Asia

Where is it invasive? California, & ~27 other U.S.A. states!

What does it eat? >60 different plant species & important fruit crops!

How does it eat? It inserts its piercing-sucking mouthparts into plants & slurps them up!

**Brown Marmorated Stink Bug**

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Leptoglossus zonatus

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Hemiptera  
Family: Coreidae  
Genus: Leptoglossus  
Species: zonatus

Where is it native? Southwestern U.S.A., Central & South America
Where is it invasive? Louisiana & Florida, but it is an agricultural pest throughout its native range too.
What does it eat? Tomatoes, citrus, almonds, pistachios & many fruit crops!
How does it eat? It inserts its piercing-sucking mouthparts into plants & slurps them up!

Leaf-footed Bug

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Linepithema humile

Kingdom: Animalia  Class: Insecta  Genus: Linepithema
Phylum: Arthropoda  Order: Hymenoptera  Species: humile
Family: Formicidae

Where is it native? South America

Where is it invasive? California, and ~20 other U.S.A. states!

What does it eat? Insect “honeydew,” and sugary foods, & some insects

How does it eat? Liquids are slurped up into the mouth. Adults regurgitate liquid food into mouths of young larvae. Jaws bite & tear solid food
**Solenopsis invicta**

**Kingdom:** Animalia  
**Phylum:** Arthropoda  
**Class:** Insecta  
**Order:** Hymenoptera  
**Family:** Formicidae  
**Genus:** Solenopsis  
**Species:** invicta

**Where is it native?** South America

**Where is it invasive?** California, Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, Oklahoma, Tennessee, Texas

**What does it eat?** Dead animals, “honeydew,” and sugary foods

**How does it eat?** Strong jaws bite solid food, & liquids are slurped up into the mouth. Adults regurgitate liquid food into mouths of young larvae

*Red Imported Fire Ant*
Toxoptera citricida

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Hemiptera  
Family: Aphididae  
Genus: Toxoptera  
Species: citricida

Where is it native? China

Where is it invasive? Florida – not in California yet, but the risk of introduction is very high!

What does it eat? All types of citrus

How does it eat? It inserts its piercing-sucking mouthparts into plants & slurps them up! While feeding, it can transmit the Citrus Tristeza Virus

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