*INSECTS AND THE CITY – VIDEO name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

THE FORMOSAN SUBTERRANEAN TERMITE

1. What does “invasive” mean?
2. Describe the workers:
3. Describe the soldiers:
4. An AYLATE, pronounced “AY- late”, is a winged termite. Why do they need wings?

FIRE ANT

1. Where are these from?
2. How do they sting?
3. Describe male fire ants:
4. Describe female fire ants:

AMERICAN COCKROACH

1. Americans spend $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a year fighting this creature. The War in Afghanistan costs $80 billion per year.
2. What are “nymphs”?
3. Adult cockroaches can fly, but they usually don’t. Why not?
4. Adult cockroaches can live a few weeks without their head? Why is this? Give 3 reasons.

TYPICAL INSECT LIFE CYCLE

TERMITE DRAWING

Define Symbiosis:

TYPES OF SYMBIOSIS: EXAMPLE(S):

Parasitism:

Commensalism:

Mutualism:

POLLINATION and COLONY COLLAPSE: