

## INVASIVE SPECIES - KEY

### Division C

#### **Station #1 - Chinese Mitten Crab**

1. Korea and Northern China
2. a. Hairy, white-tipped claws  
b. U-Shaped Notch between the eyes (in carapace)  
c. Four spines along the carapace (body)  
d. Four sharp-tipped walking claws  
e. Light brown to olive green carapace
3. a. Mid-Atlantic  
b. San Francisco Bay
4. Bioerosion
5. juvenile crabs

#### **Station #2 - Pink Bollworm**

1. Reduces yield and quality of cotton
2. Larval stage (larva)
3. One month
4. Bollguard II

#### **Station #3 - Water Lettuce**

1. a. Florida  
b. Mississippi  
c. Louisiana  
d. Texas
2. Insects

3. a. Lepidoptera (lepidopterans)  
b. Coleoptera
4. a. Common duckweed  
b. Longleaf pondweed

#### **Station #4 - Nutria**

1. South America
2. Fur production (fur farming)
3. Burrowing
4. a. Beaver  
b. Muskrat
5. a. Savannah or grassland  
b. Forest  
c. Scrub Forest
6. Zinc phosphide

#### **Station #5 - Mediterranean Fruit Fly**

1. *Ceratitis capitata*
2. Larval
3. 3
4. a. Stems and buds of hosts  
b. Tap roots  
c. Young Seedlings
5. Hawaii in 1909 through infested unripened fruit

## **Station #6 - Purple Loosestrife**

1. *Lythrum salicaria*
2. Purple loosestrife
3. 2.9 million
4. a. source of nectar and pollen for honey bees  
b. medicinal: astringent and styptic properties  
c. Nesting habitat for several bird species
5. a. Beetles have been released that lay eggs  
b. eat the tap root stems and leaves of this organism.
6. Swampland/Wetland

## **Station #7 - Mile a Minute Weed**

1. *Persicaria perfoliata*
2. Mile a minute weed
3. 6 inches per day
4. Thick tangles block sunlight and limit photosynthesis which eventually kills covered plants
5. The vines and the undersides of leaves are covered with recurved barbs that aid in its ability to climb and find sunlight
6. New York County PA in 1930

## **Station #8 - Tropical Soda Apple**

1. Tropical Soda Apple
2. *Solanum viarum Dunal*
3. Watermelon
4. Steroidal hormones
5. South America
6. Noxious weed

### Station #9

1. non-native, harmful **aquatic** plants, animals or microscopic organisms that can readily be transported to other waters via popular recreational activities.
2.
  - a. rinse equipment with clean water before leaving water way
  - b. do not dispose of bait buckets in waterways
  - c. Rinse boats and engines before leaving waterways
3. ballast water exchange
4.
  - a. burn only local wood in camp fires
  - b. clean equipment before leaving campsite
5. Reduction in biodiversity and extinctions

### Station #10

- |      |       |
|------|-------|
| 1. G | 8. H  |
| 2. J | 9. M  |
| 3. L | 10. D |
| 4. O | 11. R |
| 5. P | 12. B |
| 6. E | 13. I |
| 7. Q | 14. F |
|      | 15. N |

## Station #11

1. O

8. G

2. L

9. B

3. M

10.D

4. H

11.C

5. P

12.K

6. J

13. I

7. E

14.F