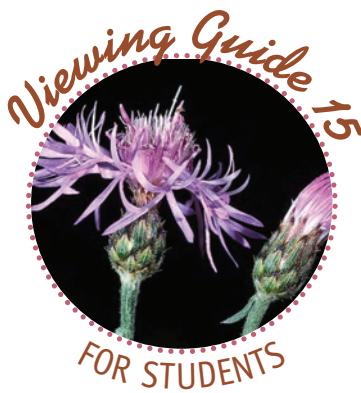


Episode: Invaders Among Us

EXPLORING NORTH CAROLINA



USEFUL VOCABULARY

adelgid
blight
botany
deciduous
detritus
displace
ecosystem
evergreen
exotic
forest productivity
fungus
genetic diversity
horticulturist
hybrid
invasive
native
non-native
ornamental
piscivorous
predator
seasonal cycle
sediment
spawn

CHAPTER 2 (0:00-6:31)

1. List some common North Carolina birds that are non-native invasive species and describe where they came from and when.
2. Why is it a problem for non-native birds to take up residence in North Carolina?
3. How and why were non-native plants brought to this country?
4. Why are non-native invasive plants so successful in spreading?
5. List some non-native plant species that are considered to be very invasive and the problems associated with these species.
6. List some non-native plant species that are not very invasive and are an asset to our landscapes? Name their places of origin.
7. List some non-native animal species and describe why they are essential or important.

CHAPTER 3 (6:31-11:10)

8. What is North Carolina's only native freshwater trout?
9. What does it mean to say a plant is non-invasive?

CHAPTER 4 (11:10-13:28)

- 10.** Why do so many of our invasive plants come from Japan?
- 11.** What is chestnut blight? What harmful effects has it had?
- 12.** How did pest species such as the balsam woolly adelgid and diseases such as the chestnut blight spread to our native ecosystems?
- 13.** What tree species have been infested with balsam woolly adelgids? What ecosystem has suffered because of the insect?

CHAPTER 5 (13:28-18:07)

- 14.** When were carp brought to the United States and for what purpose?
- 15.** What problems do carp cause?
- 16.** What are some catfish species that have invaded North Carolina waters? Why are they a problem?
- 17.** What is the most aggressive invasive fish?
- 18.** How large can a flathead catfish get?

CHAPTER 6 (18:07-23:41)

- 19.** Why is it so easy to “go native” when landscaping?
- 20.** What non-native species would we hate to lose in North Carolina?