

1

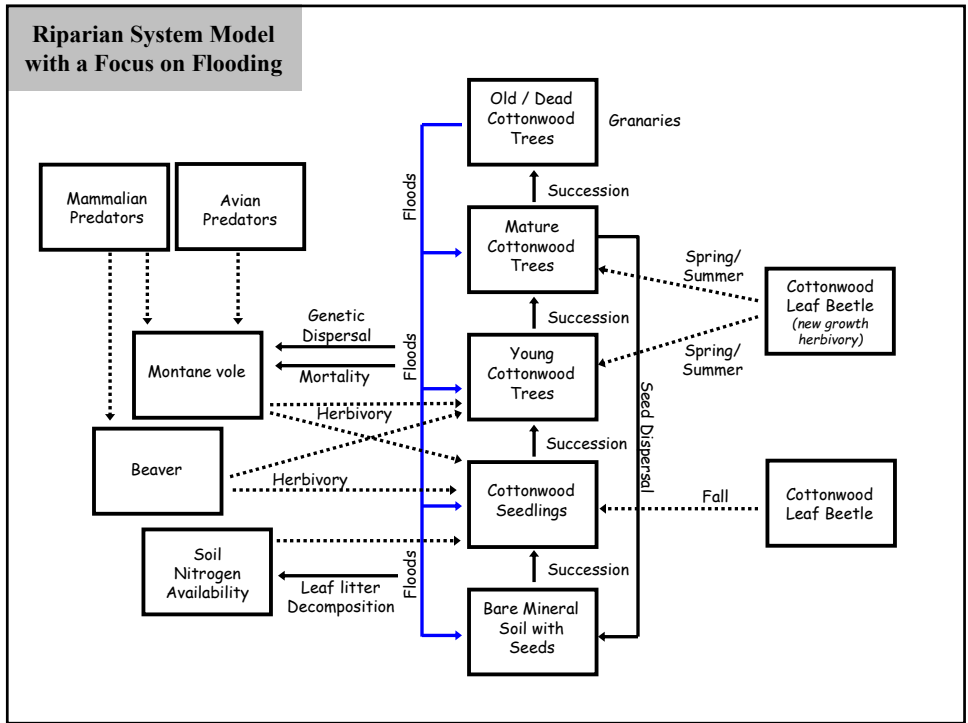
Riparian System

The top photograph shows a calm river flowing through a landscape with trees in vibrant autumn colors (yellows, oranges, and reds). The sky is blue with some clouds, and the water reflects the scene. The bottom photograph shows a river with a sandy bank and tall, green grasses in the foreground. The background shows a line of trees under a cloudy sky.

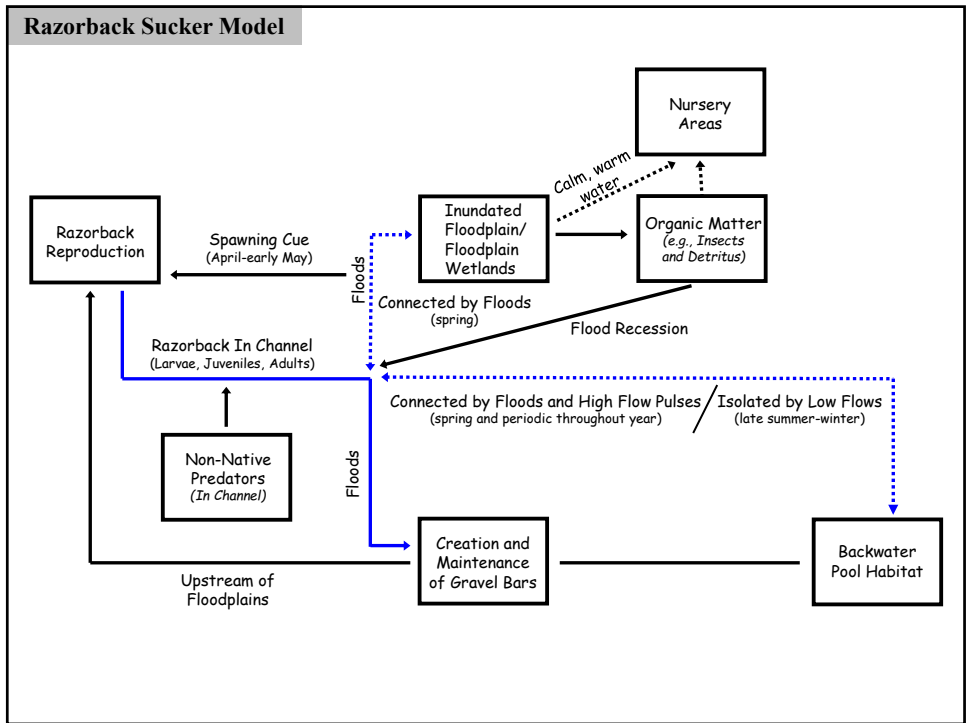
Razorback Sucker

The composite image illustrates the life cycle and habitat of the Razorback Sucker. At the top is a large, detailed illustration of the adult fish. Below it, a circular inset shows the early stages of its life cycle: eggs, a larva, and a juvenile fish. The bottom part of the image shows the adult fish in its natural habitat, which includes rocky riverbeds, grasses, and water.

2



3



4

Instructions for the small group breakout session

- Read the Case Study write-up for the species or system assigned to you.
 - Razorback Sucker
 - Riparian System
- As a group, use the table and the information provided in the handouts to develop a flow prescription for the species or system assigned. *It may also be helpful to illustrate the components of the flow prescription you develop on the hydrograph provided (Green River at Greendale Gage).*
- You will be asked to summarize for the larger group the key components of and justification for your flow prescription.

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| Timing / Magnitude | Low Flows | High Flow Pulses | Floods |
|--------------------|-----------|------------------|--------|
| Winter | | | |
| Spring | | | |
| Summer | | | |
| Fall | | | |

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