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Watershed Access Lab

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Watershed Vocabulary

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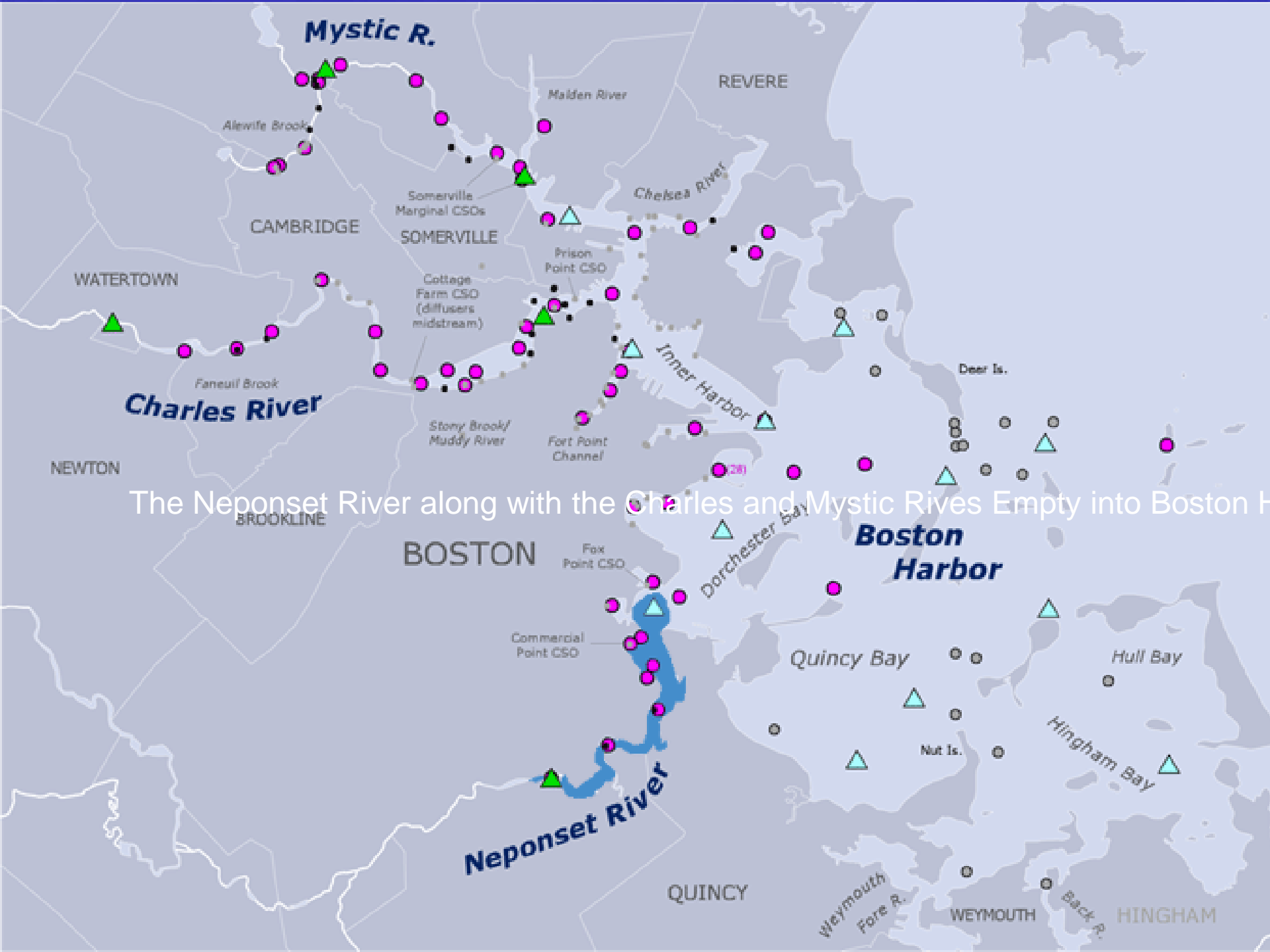
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Watershed Vocabulary

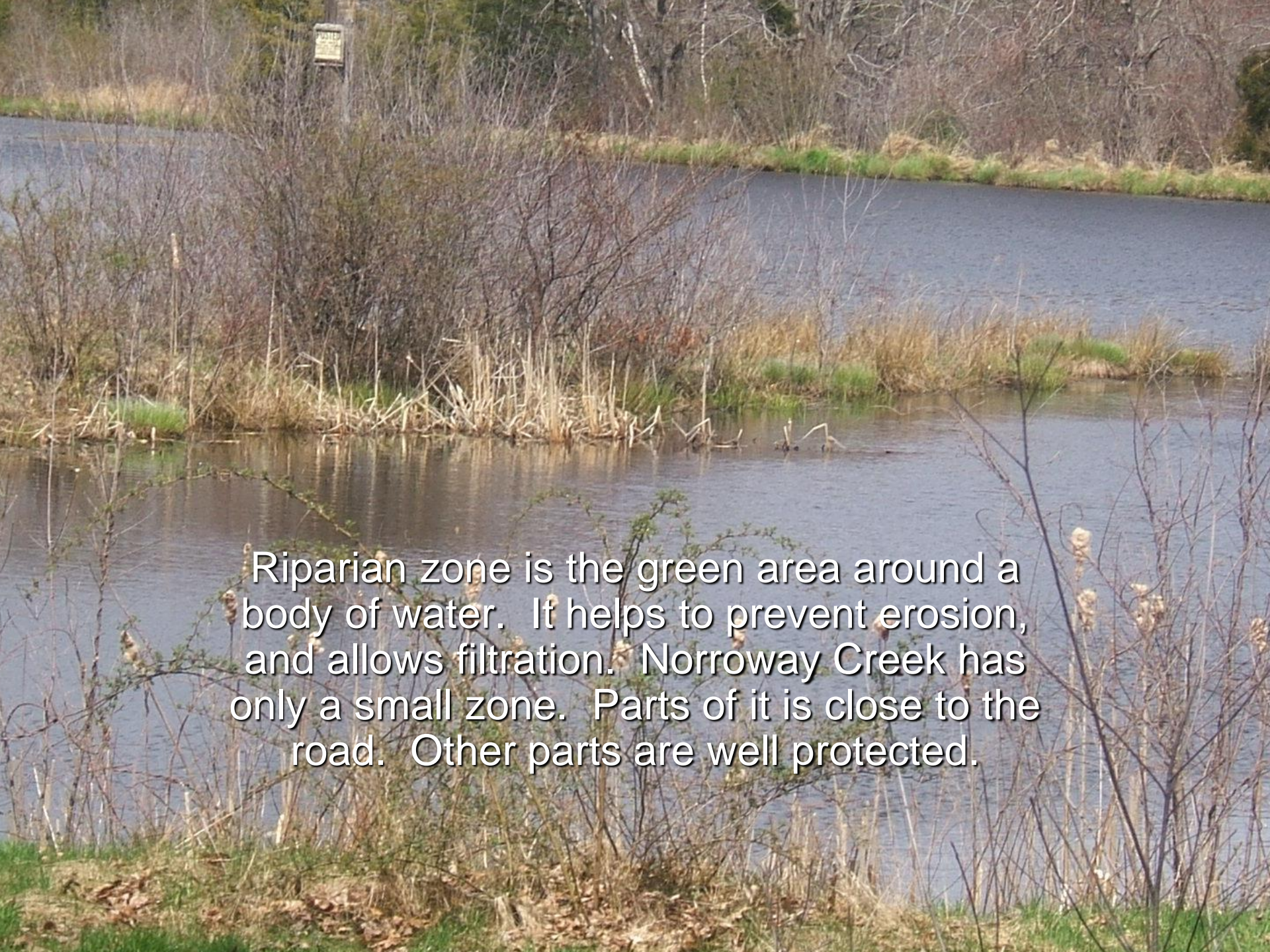
A watershed is the area of land that drains into a common body of water. The watershed that serves Randolph is called the Neponset River Watershed.



The Neponset River along with the Charles and Mystic Rives Empty into Boston H

Our stream is the Norroway Stream.
It crosses Grove Street in Randolph.





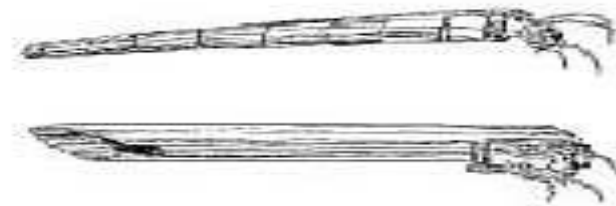
Riparian zone is the green area around a body of water. It helps to prevent erosion, and allows filtration. Norway Creek has only a small zone. Parts of it is close to the road. Other parts are well protected.



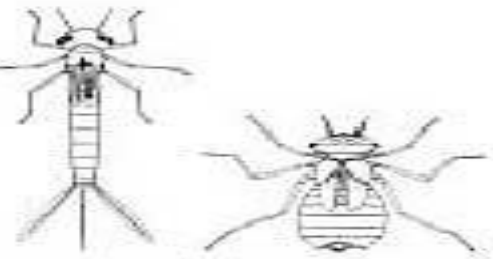
Zygoptera (damselfly and dragonflies)



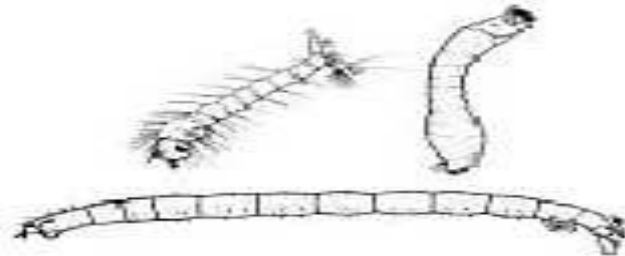
Diptera (flies and midges)



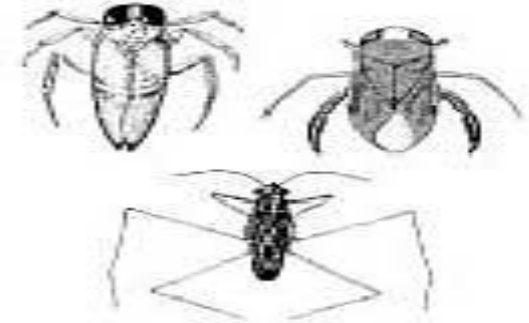
Hemiptera (waterbugs)



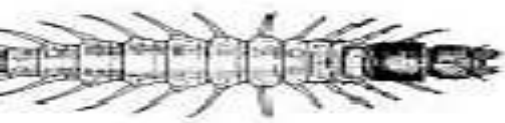
Megaloptera (dobsonflies)



Trichoptera (caddisflies)



Coleoptera (beetles)



Decapoda (crayfish and freshwater shrimp)



Coleoptera (beetles)



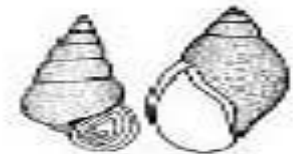
Arachnida (water mites)



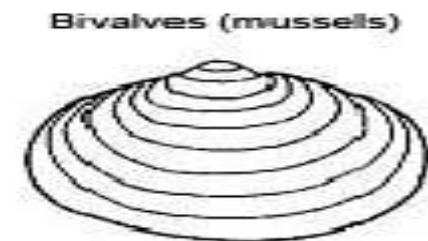
Decapoda (crayfish and freshwater shrimp)



Amphipoda (side swimmers)



Gastropoda (snails)



Bivalves (mussels)

Polydora (fatworms)



Annelids (leeches)



Macroinvertebrates are small organisms that can be seen with the naked eye, but have no backbone. Examples are Plecoptera, Ephemeroptera. Why does science have such long words?

Benthic organisms can be found on the floor of a river or lake.



Aquatic relates to water. Our
Macroinvertebrates live in a water

Embeddedness:

Determining rock embeddedness provides information about sedimentation, and how much rock surface is available for organisms to cling to. Grove Creek had about a 75 to 80% embeddedness. The dark side of the rock determined embeddedness.

Riffle zone
Fast flowing area of a stream.





Biotic: Pertaining to living things.

Many thanks to Professor Curry, Ms. Kim McCoy and Bridgewater State College

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