

stream side

protect your streambanks with trees and shrubs

soil erosion can be caused by mowing lawns to the edge of the stream



healthy streams have vegetation on the banks to hold soil in place

soil erosion can undermine roots and allow trees to fall into the stream



you can plant trees and shrubs to protect or restore eroding streambanks



Redosier dogwood (*Cornus sericea*)
7 - 9' ☀️🌙 moist soils



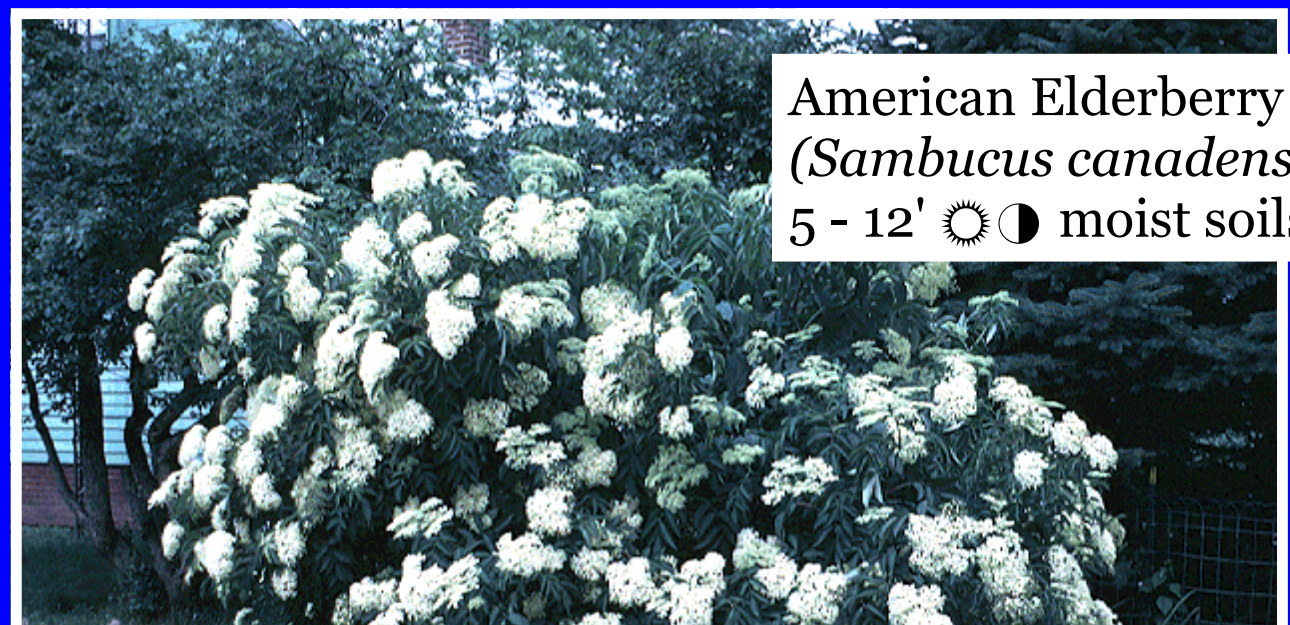
Photos © Michael A. Dirr



signs of soil erosion:

- widening or deepening of stream channel
- undercut trees or trees falling into stream channel
- steep streambanks, often with bare soil
- muddy water in stream or on paved surfaces following rainfall
- gullies or rills forming on lawn areas
- deposits of fine sediment in low areas

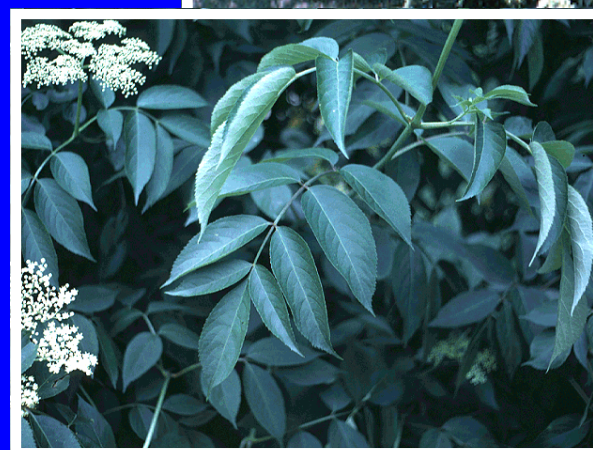
American Elderberry (*Sambucus canadensis*)
5 - 12' ☀️🌙 moist soils



Photos © Michael A. Dirr

preventing streambank erosion:

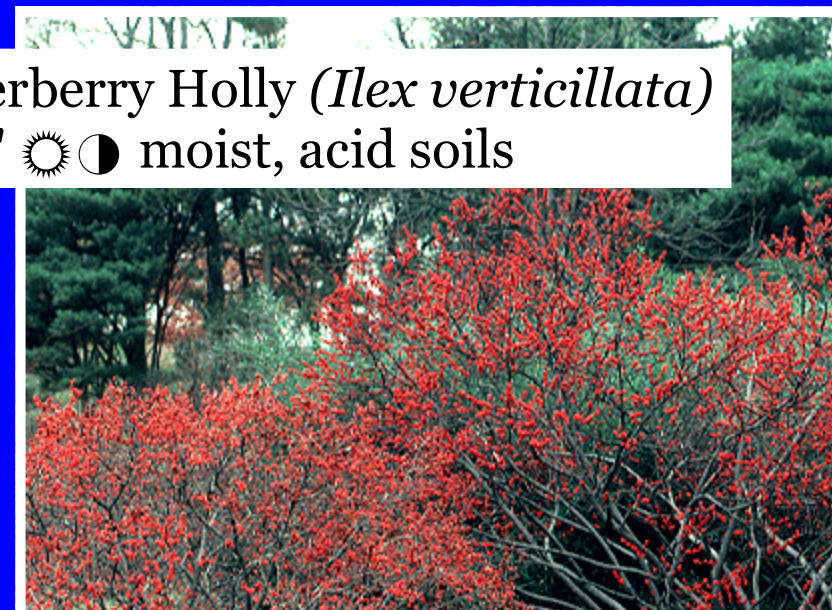
- maintain existing vegetation on streambanks to hold the soil in place
- plant strong-rooted vegetation such as willow shrubs, dogwood or birdsfoot trefoil on banks
- terrace steep lawns to reduce gully formation
- install splash blocks under pipe outlets



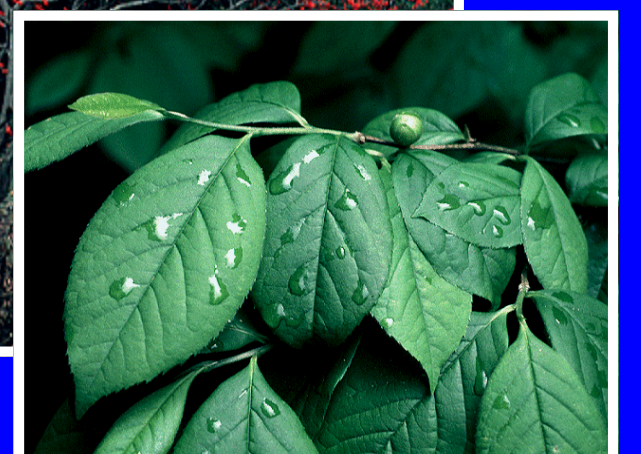
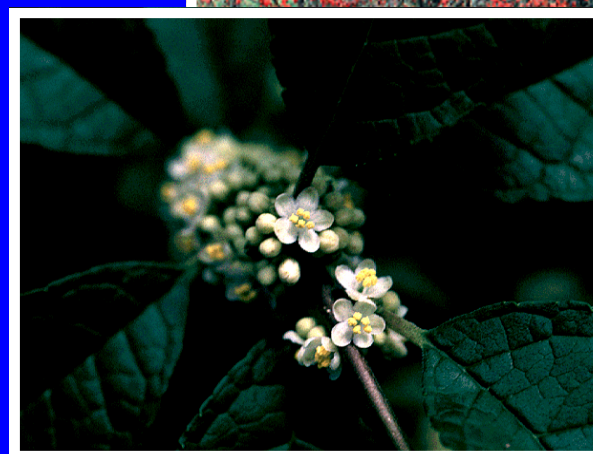
Purple osier (Streamco) Willow (*Salix purpurea*)
12 - 15' ☀️🌙 moist soils

Photos © Michael A. Dirr

Winterberry Holly (*Ilex verticillata*)
6 - 10' ☀️🌙 moist, acid soils



Photos © Michael A. Dirr



plants for streambank protection:

- Streamco or Bankers Willow
- Red osier Dogwood
- Smooth Alder
- Virginia Creeper
- Buttonbush

plants for streamside wildlife habitat:

- American Elderberry
- Common Spicebush
- Winterberry Holly
- Ninebark
- Red Chokecherry

Call (716) 652-8480 to receive a free copy of the pamphlet "Streamside: Tips for Protecting Your Streamside Environment"



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