Common Live Stake Species for Residential Stream Repair

All of these live stake species are:
- Native to Pennsylvania
- Tolerant of full sun to partial shade, and medium to wet soils
- Deciduous (lose leaves in the fall)
- Fibrous rooted to help with erosion once established
- Hedge-like in appearance, with trimming and pruning
- Ideal species for smaller or residential plantings

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<th>Botanical Name</th>
<th>Common Name</th>
<th>Size (Height and Spread)</th>
<th>Description (Blooms, Fruit, Stems)</th>
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| **Cornus amomum** and **Cornus sericea** | Silky dogwood and red-osier dogwood | Height: 6–12 feet; spread: 6–12 feet | Blooms: showy, yellowish-white cymes 2.5 inches across, May–June  
Fruit: showy, blue (silky) or white (red-osier) clusters in fall  
Stems: burgundy to bright red, provide winter interest | Attracts birds; tolerates deer; will tolerate close to full shade; may spread to form thickets; twigs and undersides of leaves have fine, “silky” hairs | USDA NRCS Montana on flickr.com |
| **Physocarpus opulifolius**     | Ninebark            | Height: 5–8 feet; spread: 4–6 feet | Blooms: yellowish white, flowering May–June  
Fruit: drooping clusters of reddish fruit  
Stems: peel like cinnamon, provide winter interest | Attracts pollinators; grows well in rocky soil; may be cut down to the ground in winter to rejuvenate shrub | karen_hine on flickr.com |
| **Cephalanthus occidentalis**   | Buttonbush          | Height: 5–12 feet; spread: 4–8 feet | Blooms: showy, white, fragrant balls flowering June–July  
Fruit: showy, round ball  
Stems: gnarly arching growth, provide winter interest | Attracts birds and butterflies; can tolerate deep shade; requires minimal to no pruning | Tim Abbey, Penn State |
| **Sambucus canadensis**         | Elderberry          | Height: 5–12 feet; spread: 5–12 feet | Blooms: showy white, fragrant clusters flowering June–July  
Fruit: showy, edible black drupes  
Stems: bumpy lenticels | Fruits attract many wildlife visitors; flowers attract pollinators; berries are used in jams and wines | Tim Green on flickr.com |
| **Salix discolor**              | Pussy willow        | Height: 6–15 feet; spread: 4–12 feet | Blooms: silky, gray catkins in March–April  
Fruit: split open when dry  
Stems: thin and smooth, yellowish new growth | Host plant to 18 different butterflies and moths; known for use in floral arrangements | Alan Levine on flickr.com |

Adaptation
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