*Eleagnus umbellata* (Autumn olive)

* Deciduous shrub or shrubby tree
* Single seeded drupes, bird dispersed
* Symbiotic association with actinomycetes allows for nitrogen fixation
* Open pollinated by insects
* grows best on deep, relatively coarse-textured soils that are moderately-well to well drained
* adapted to early-successional habitats
* "moderately" shade tolerant (generally absent from areas with very low light intensity)
* prolific on disturbed or ruderal sites

*Lonicera maackii* (Amur honeysuckle)

* Woody perennial shrub
* Open pollinated by insects
* Fruits are brightly colored and bird/mammal dispersed
* Thrives in open and edge habitat, somewhat shade tolerant (persists in the understory)
* Medley [[1997](https://www.fs.fed.us/database/feis/plants/shrub/lonspp/all.html" \l "112)] found that Amur honeysuckle density was significantly (p = 0.001) correlated with proximity to the edge of a 13 acre (5.2 ha) mature deciduous forest stand in southwestern Ohio.

Ligustrum ??

* Shrub
* Fruits dispersed by birds and other wildlife
* Does not tolerate dry soils well
* At least moderately shade tolerant
* Does well in recently disturbed habitat
* Chinese privet can germinate and establish under very low light conditions
* but cannot survive "more than a few years unless the canopy is broken." This would suggest that Chinese privet can invade relatively undisturbed habitats following formation of canopy gaps. More research is needed to help describe the relationship between succession and susceptibility to invasion by privet.

*Lindera benzoin* (Spicebush)

* Single or few-stemmed deciduous shrub
* early spring flowering (April) (might be interesting to think about the phenology of these things
* Medium water requirement
* Shade tolerant
* Soil moisture dry, moist, wet
* Soil: Moist, sandy, well-drained soils. Caliche type, Limestone-based, Sandy Loam, Medium Loam
* Spicebush is a fast-growing  shrub, useful in moist, shady places. A small amount of sun yields a bush with better form and more berries. There are no serious disease or insect problems.

*Cercis canadensis* (Redbud)

* Tree with short trunk, rounded crown of spreading branches, and pink flowers that cover the twigs in spring (Also an early flowerer).
* Low water use
* Shade tolerant
* Moderate soil moisture
* **Soil Description:** Moist, fertile, well-drained soils.

Cornus florida ?? (Flowering dogwood)

* Small, flowering tree
* Showy early spring flowers
* Low water use
* Shade tolerant
* Cold tolerant
* **Soil Description:** Rich, well-drained, acid soil. Sandy, Sandy Loam, Medium Loam, Acid-based
* Dry to moderate soil moisture