

SAV Restoration in the District of Columbia

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Past SAV Restoration Work in the District

- DC Department of Energy and Environment has installed enclosure plots at strategic locations in the lower Anacostia River and Potomac River.
- Exclosures necessary for protection against resident Canadian Geese and Blue Catfish
- Plots planted with *V.americana* collected from Maryland tributaries to the tidal Potomac River.
- Project funded by NOAA Sportfish Grant



Top photo - Installation of SAV enclosure around restoration plot
Bottom photo - SAV growth 2-years post-planting

SAV Acreage in the Anacostia River

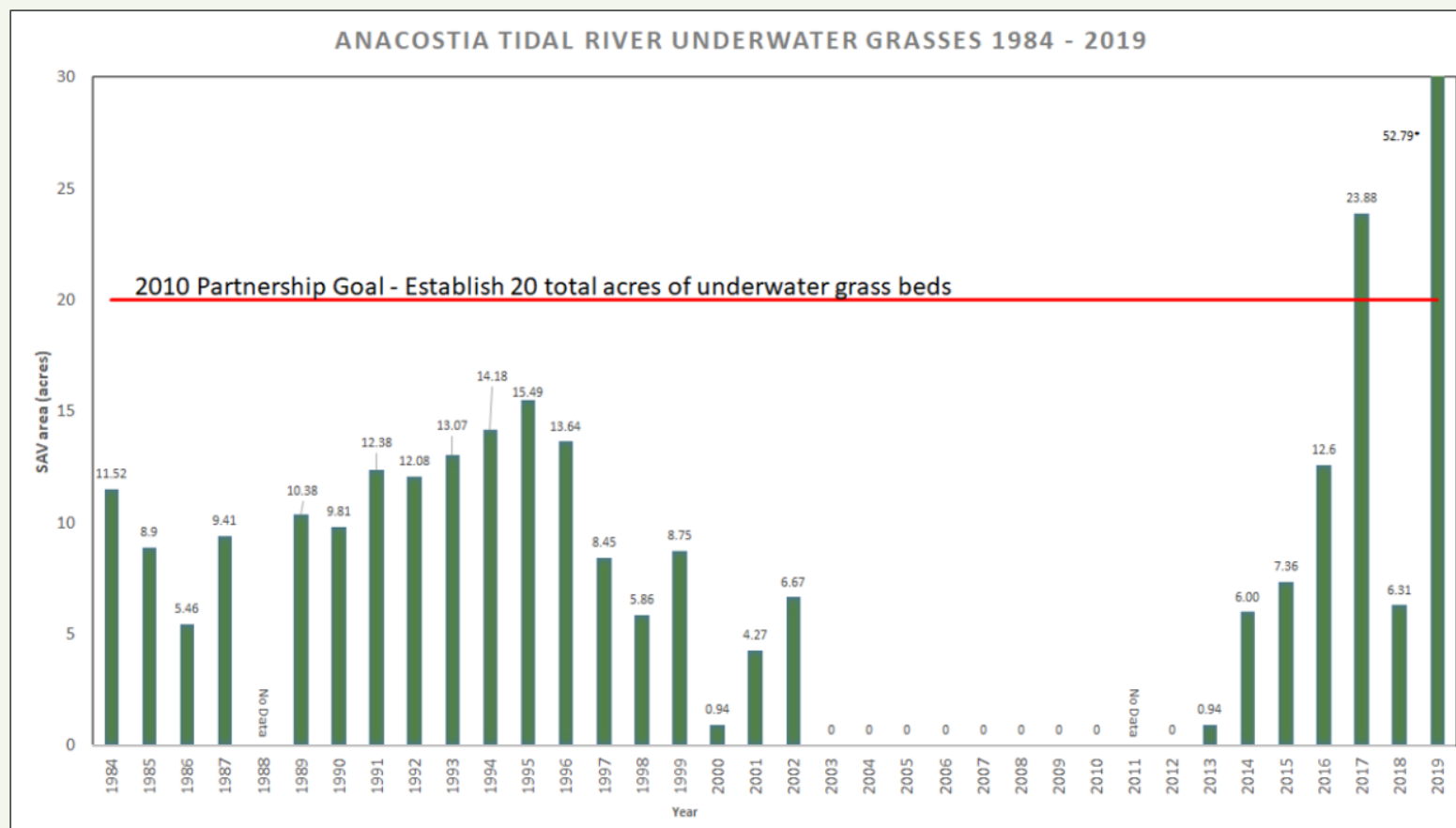
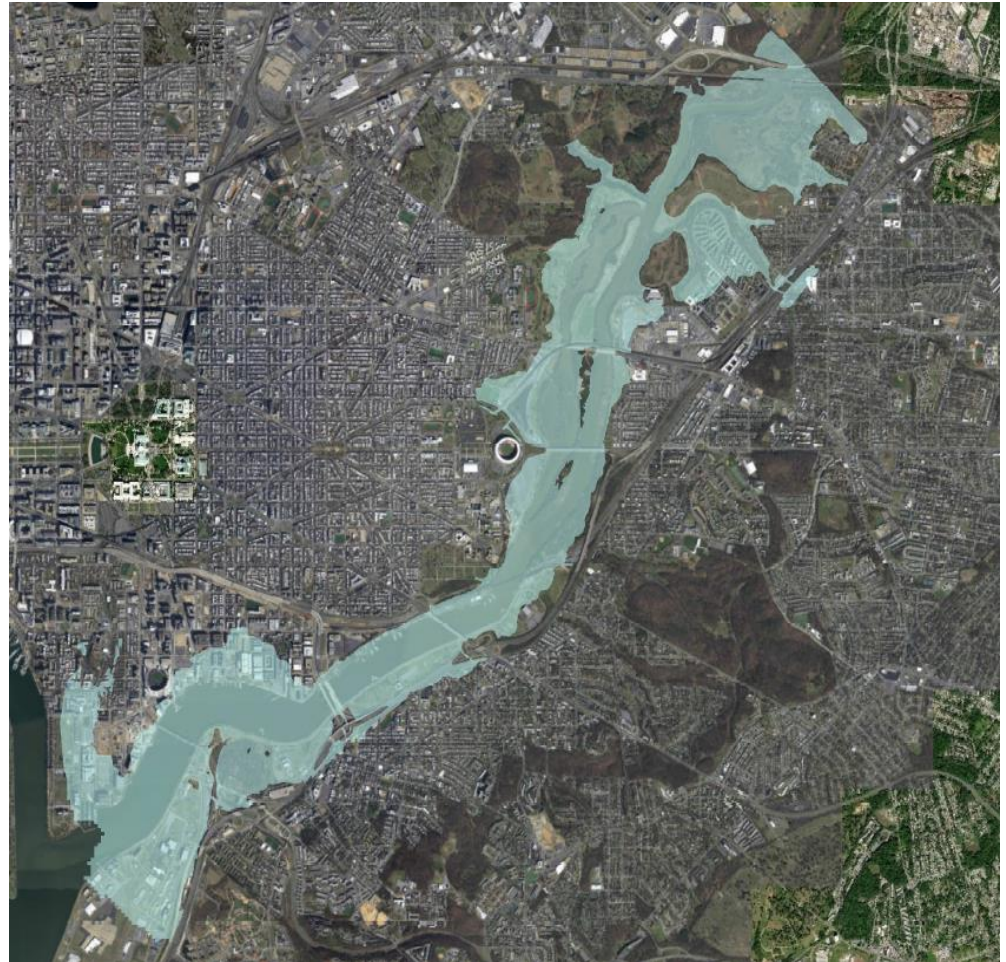


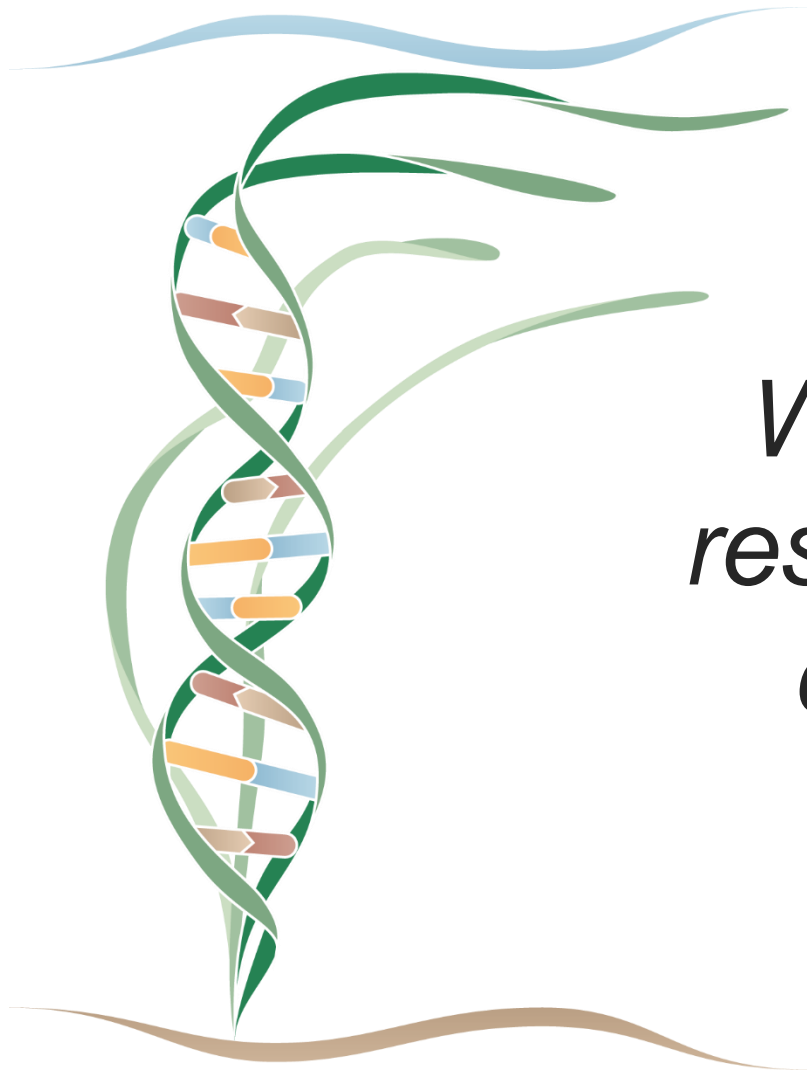
Figure 1. SAV acreage calculations specific to the geographic areas of the Anacostia River mainstem and the Potomac/Anacostia confluence, including the Washington Channel. 1984-2017 SAV data from [VIMS](#); 2016-2019 data from [DOEE](#).

Three Upcoming DOEE Projects for the Anacostia River Corridor:

- 1) Anacostia River Corridor Restoration Plan - Funded by NFWF Small Watershed Grant
- 2) Kingman Lake Restoration - Funded by NFWF Small Watershed Grant
- 3) SAV restoration at additional strategic locations in the upper Anacostia River - Funded by CESU/USACE

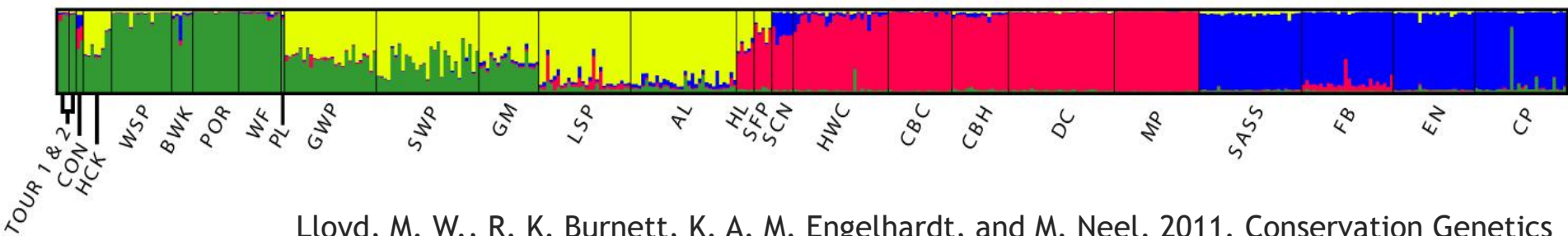
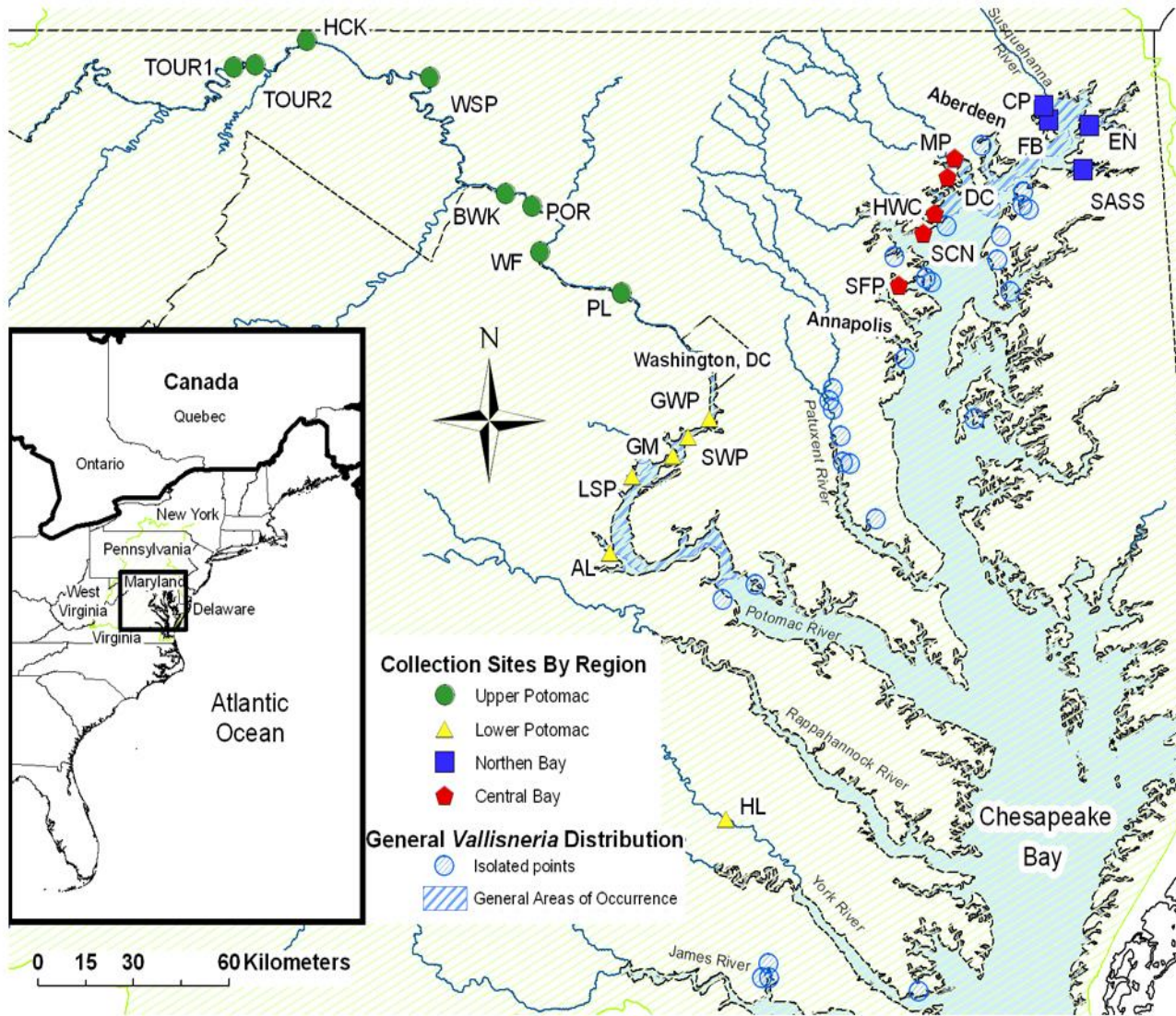


The Anacostia River corridor is defined as the stretch of river from the mouth to the MD/DC line, reaching from the river channel to the upland edge of the 500 year floodplain.



Where should restoration stock come from?

Maile Neel lab





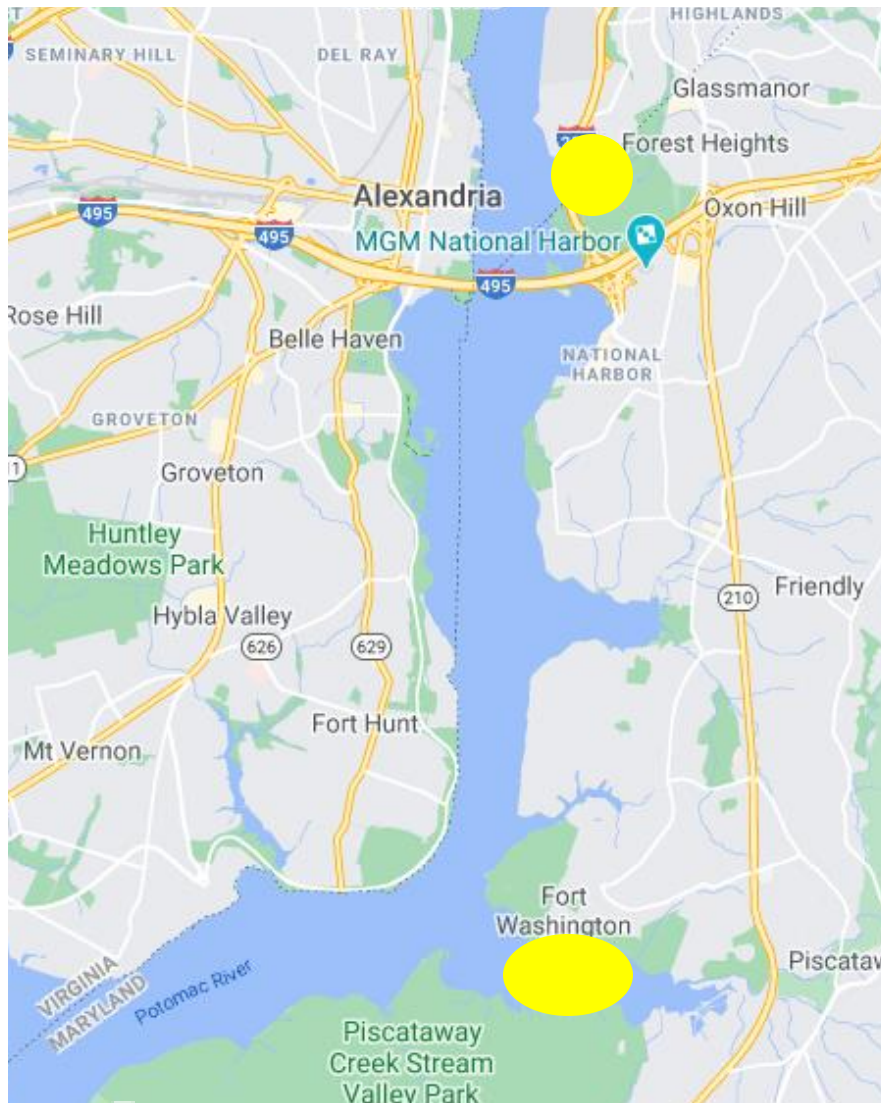
Vallisneria americana



Sassafras River, MD



Mattaponi River, VA



Oxen Cove



18 genotypes

Piscataway Park

Potential restoration areas



Questions?

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