

A photograph of a meadow area. In the foreground, there is a dirt path leading through a field of green grass and yellow flowers. Two black poles with yellow caps are visible on either side of the path. In the background, there is a road with a red car, a brick wall, and a line of trees under a blue sky with some clouds.

Meadow – The Smart, Sustainable Alternative to Turf Grass

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NASA/GSFC

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Form a Plan –
find some friends!

UNIVERSITY OF
MARYLAND
EXTENSION

MASTER
GARDENER 



Education

This area
We appreciate yo

orphosis."
ormative process.



habitable landscapes, this area is being treated with seeds from nearby native plant species. Instead of turf grass, we are improving natural areas that enhance the quality

formative process: Visit <http://code2>

Partnership with GSFC's Management of Maryland Extension - Master Gardeners

Site Preparation





Remove the Plastic

Collect Seed



Sow the Seed



Shake



Rake



& Roll

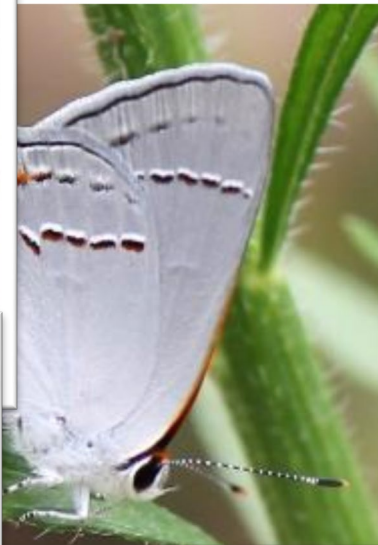
Maintenance...



Plants



Visitors



Drivers – Convincing management to take a new direction



- Legislative Drivers
- Habitat Loss

- Cost
- Stormwater Benefits

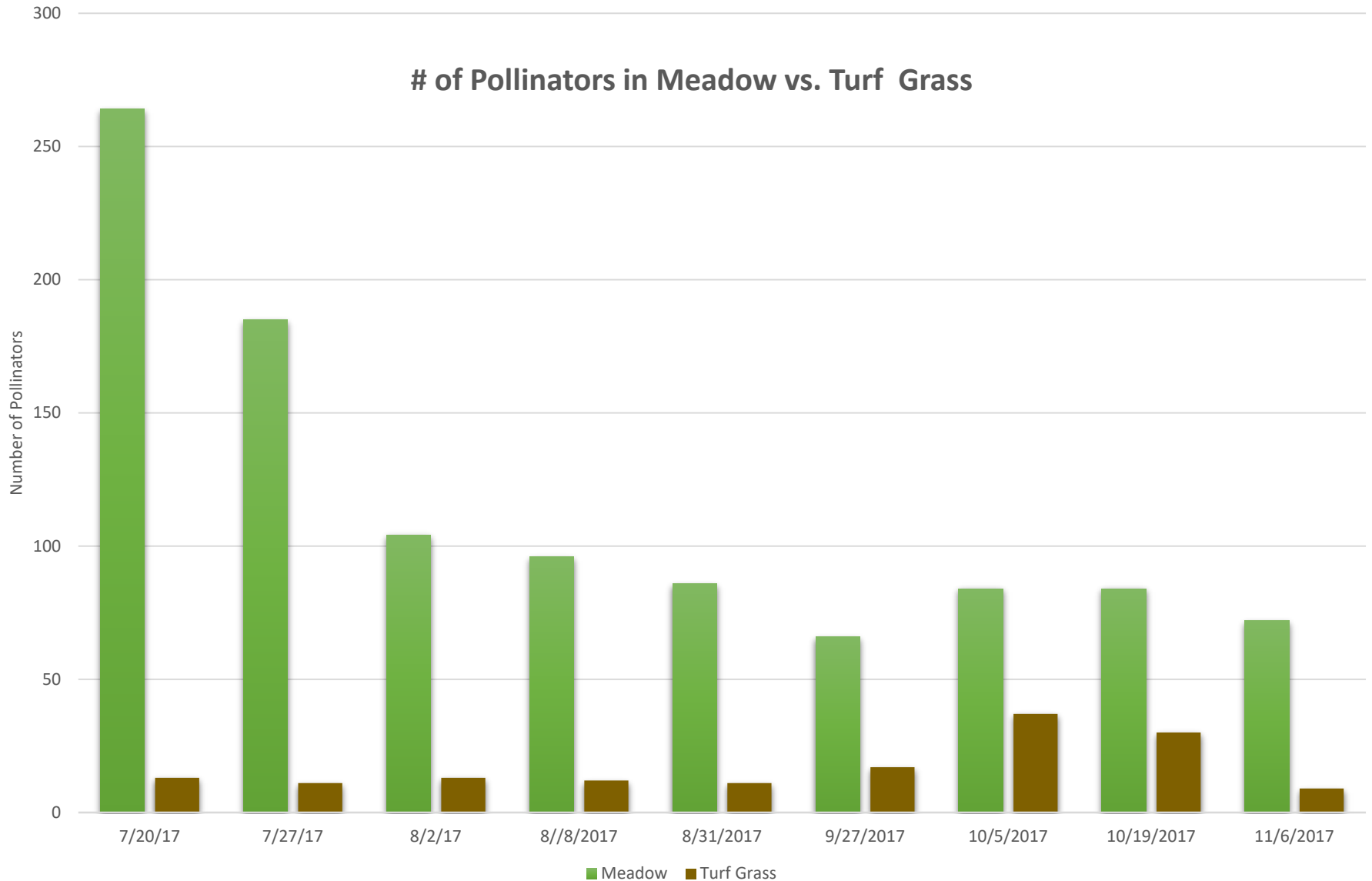


Legislative Drivers – Directives,
Presidential Memoranda, etc.

Habitat Loss – Is LAWN beautiful? To wildlife?

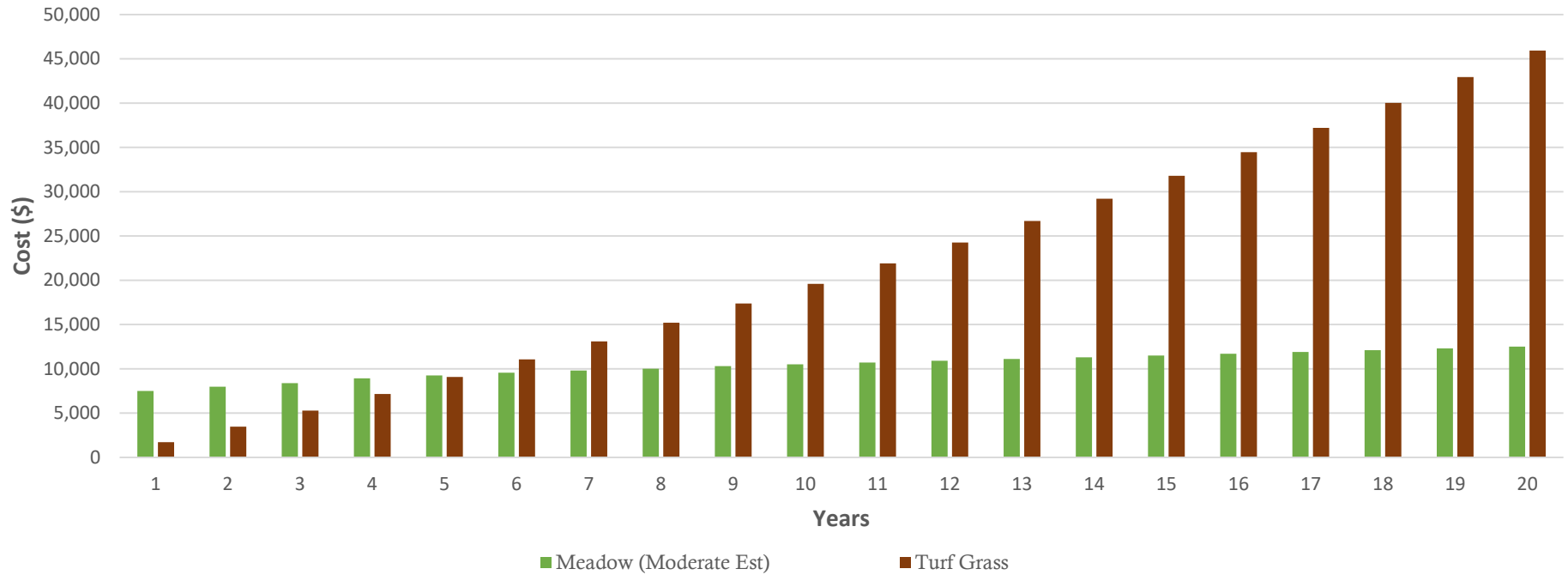


Habitat Loss – is meadow better habitat than turf grass?



Cost – Meadow is cheaper to maintain long term

Cumulative Costs for Maintaing One Acre of Meadow vs. Turf Grass



Grow Zone (No Mowing!)



THIS AREA IS A
WILDFLOWER
MEADOW
PROVIDING
CRITICAL HABITAT
TO POLLINATORS.
IT IS ALSO A SEED
BANK FOR THE
B33 MEADOW.
DO NOT MOW.

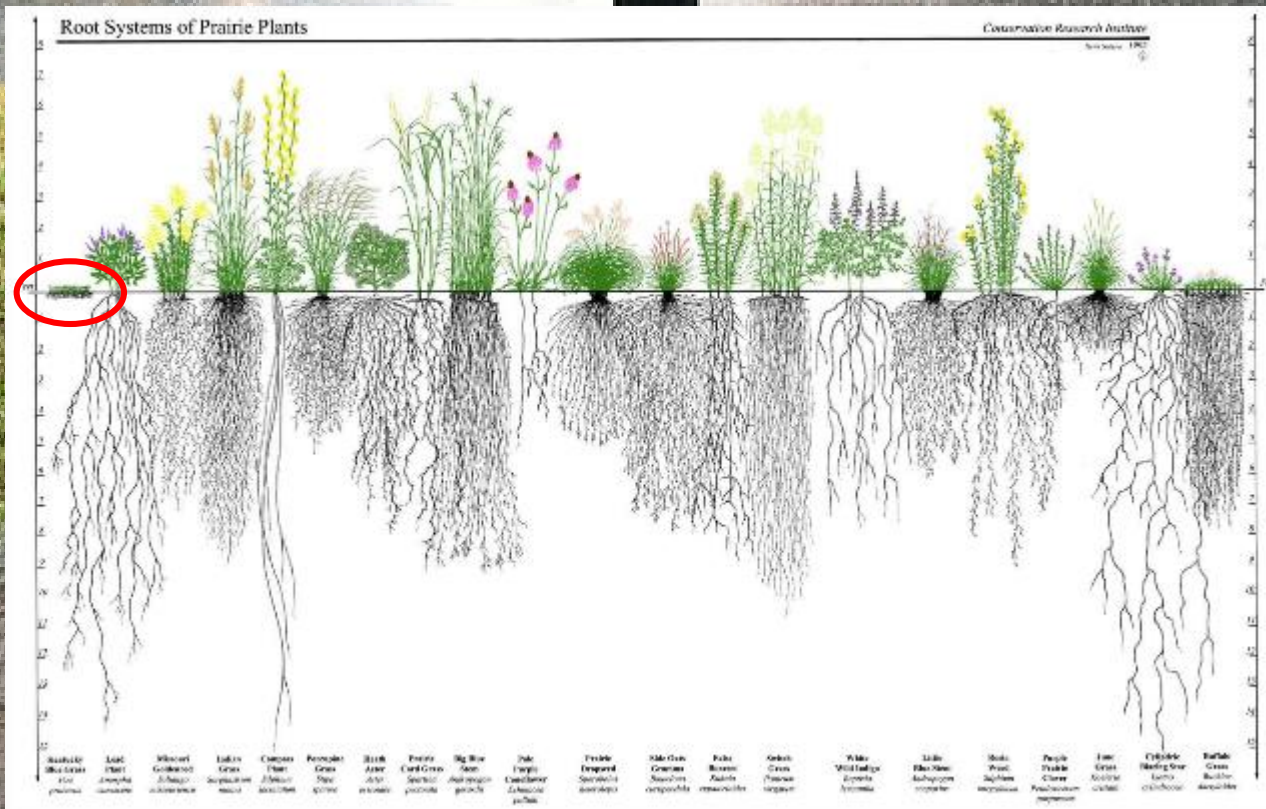
Please contact: MEMD/Code 250
x6-0509 or x6-7442

DO NOT MOW WITHOUT AUTHORIZATION

Cost - Timing Maintenance

Natural meadow that is now
managed to best benefit wildlife.

Stormwater Benefits – Improve quantity & quality



Barriers



- Funding
- Perceptions
- Invasives
- Experienced contractors

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<https://code200-external.gsfc.nasa.gov/250/environmental/b33-meadow-demonstration-project>