

Preserving the Green and Blue



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Why Environmental Preservation?

Leticia: Interest in animals

Franco: Interest in Ecology



By combining out two interests, and with sustainability in mind, we wanted to educate the community about how we can collectively help sustain a native species

Our research has led us to...



Bluebirds

- Bluebirds are the New York state bird
- Eat fruit, berries, and agricultural pests such as cut worms, caterpillars, beetles, crickets, grasshoppers, and spiders
- Habitat includes pastures, agricultural fields, suburban parks; any vast, open area.
- Their select diet and habitat specifications makes them a fantastic hunter of pests.

Why they need our help

- Urbanization, leading to the extinction of this species

Invasive Species- Any species that has been introduced to an environment where it is not native, and that has since become a nuisance through rapid spread and increase in numbers, often to the detriment of native species



Westmoreland Nature Sanctuary

- Established in 1957 as a non-for-profit organization
- 640 acres
- Focuses on educating minds, both young and old, about conservation
- Recreation



Bluebird communities

- Specifics about how the house is built make it suitable and attractive to Bluebirds
- At least four inches across and four inches long
- The entrance hole should be one and a half inches in diameter and should be six inches from the bottom of the box
- Proper ventilation at the sides and drainage holes at the bottom
- Need monitoring



Monitoring Nesting Boxes

- Clean out old nests from seasons past.
- Determine what type of bird is nesting and avoid competition by tossing unwanted nests before eggs are laid.
- Remove pests such as mice
- Record what is found and what maintenance was needed



Educating the Community

- Informed about bluebirds and their circumstance
- Educated about invasive species
- How to properly monitor houses



Trail Cleanup

- Clearing debris (dirt, leaves, rocks, branches)
- Removed invasive flora (such as wineberry and barberry)
- Maintained flood logs.



THANK YOU

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