FY2023 Buncombe County Tipping Point Grant Mid-Year Report

Organization Name:	Shiloh Community Association
Project Name:	Urban Ecology Program at the Shiloh Community Garden

Activities Accomplished	**Annual Goal**	**Amount Completed**
Number of surveys conducted	6	3
Number of months stream and land health data collected	6	0
Number of educational workshops conducted by ecologist	2	6

Expenses (please list all grant related expenses)	**Amount Spent**
Coneflower Workshop	$ 250.00
Stream Ecology	$ 250.00
Pollination Workshop	$ 250.00
Edible Appalachia Workshop	$ 250.00
Invassive Species Workshop	$ 250.00
Fall Foliage Workshop	$ 250.00
TOTAL:	$ 1,500

Narrative summary of grant related activities

Cone and flower workshop: During this workshop Alex Page showed the participants at the garden (the Shiloh Community Association's Youth Stipend Program, Volunteers, community members, ect.) different types of flowers and cones to explain plant reproduction. We used various samples to show everyone the physical parts of plants that are responsible for making seeds and then we toured the garden to identify different gymnosperms and angiosperms. At the end multiple people participated in the survey.

Stream Ecology Workshop: For this workshop Alex Page took a group of the Youth Stipend Program students to the stream that runs through the property. We discussed stream health, pH levels and indicator species. Then we went into the stream to look for aquatic animals (insects, amphibians, ect.) to determine if the waters were able to support diverse arrays of life. We did not conduct a survey for this workshop.

Pollination Workshop: Alex Page showed volunteers, the Youth Stipend Program and people in the neighborhood the physical components of flowers to visualize the pollination process. Once Alex showed them the individual parts of the flowers we went throughout the garden area to look at different flowers so we could talk about the morphology of the species and how structures, like anthers, appear and function compared to other plants. We did not conduct a survey for this workshop.

Edible Appalachia Workshop: While conducting the workshop Alex showed students from the Youth Stipend Program and volunteers different foods they could forage from wild plants. We went to collect wild blueberries, pine needles for tea and milkweed pods to fry. Once all the plants were gathered, Douglas taught everyone how to cook and prepare the wild foods so they can forage for themselves. We did not conduct a survey for this workshop.

Invasive Species Workshop: For this workshop we talked about invasive species characteristics and which invasive species are prevalent around Asheville. This class was coupled with a removal process for harmful species from the stream that flows through the area. We taught the volunteers, the Youth Stipend Program and garden leaders about these dangerous plants that needed to be eliminated. We conducted a survey for this workshop.

Fall Foliage Workshop: During this workshop Alex taught students from the Linwood Crump Rec Center's after