

Basic Bioblitz Database - Ecological Inventory of West Meadow

West Meadow

Name(s) of Scientists: Backyard Adventures! Students - Robinson School
Date/Time of study: 11-12-08 4:30-5:00pm
General Location/Address of Study: West Meadow LP&CT property, Lowell, MA
Type of Habitat(s) studied: Vernal Pool, Forest

Type of organism?

Scud (Amphipod)

Cyclops (Copepod)

Scud

Type of worm, not sure what kind

Scud (Amphipod)

Type of worm not sure what kind

Scud (Amphipod)

Phantom Midge Larvae

Amphipod, Sticks, Plants, And Leaves

Eastern white pine

Where is it?

In a Vernal Pool

In a Vernal Pool

In a Vernal Pool

Swimming

In a Vernal Pool

In a Vernal Pool

In a Vernal Pool

In a Vernal Pool

In a Vernal Pool

In a forest

Notes:

It is black, very small, and about 18 of them

They are transparent, very tiny, about 3 to 5 of them

Swimming

Over one hundred

One Swimming

Over one hundred

Ten legs, brushes, and looks like a shrimp

Thin, and grayish

Black & brown, small & squirmy, long & straight

21 trees all around vernal pool

- This “Basic Bioblitz” Database was created, by *Stewardship Through Leadership: Backyard Adventures!* students from Citizen Schools-Robinson Middle School campus, Lowell, MA. Here they have consolidated data they collected, using several observation forms they completed during a field study at West Meadow, a property owned and conserved by the Lowell Parks & Conservation Trust.
- Data listed here by our young naturalists/scientists will be available as a contribution to current and future scientific studies surrounding vernal pool certification at West Meadow, as well as, other institutional studies, including the effects of pollution, habitat destruction, acid rain, and climate change.
- Other similar “Bioblitzes” conducted by this same group of students this semester were carried out around the Robinson School yard and the adjacent Gage Field, as well as, during a wet lab using samples from Poultry Pond and Ice Pond (ponds located at Drumlin Farm, Lincoln, Mass.).
- It should also be noted that this group planted two ornamental trees around Gage Field and implemented stewardship projects caring for trees planted by past Backyard Adventures! students.
- A total of fifty-two trees have been planted around Gage Field since the fall of 2007, as a direct result of Backyard Adventures! action projects (*as of 12-16-08). *We thank the Lowell Parks & Conservation Trust and the Lowell Parks & Recreation for their in-kind donations and services.*

Stewardship Through Leadership: Backyard Adventures! programming is led in partnership, by the Lowell Parks & Conservation Trust and Mass Audubon Society-Drumlin Farm Wildlife Sanctuary.