

## Basic Bioblitz Database - Ecological Inventory of West Meadow

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### 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 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.*

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