

Wisconsin NatureMapping Asian Beetle Study

Developed by:

**Erik Kampa, Altoona High School
Cheryl Schnell, Cumberland Middle School**

Teacher Hints

This project is designed to give a great deal of flexibility in data collection and analysis. The project can be used to simply look at ways to make sense of previously collected data (mapping, graphing, statistics) or it can be used to provide practice in experimental design, data collection, data sharing, and data analysis. Some general tips:

- Choose a project size and scope which is comfortable. To begin with, students could simply spend some time learning to get around the Nature Mapping program.
- Students could then come up with a simple question (e.g. Are Asian Lady Beetles more common in the southern or northern part of Wisconsin?) and use the available data to try to answer the question. Again, choose an appropriate analysis method. This could range from simply mapping the data and looking at the results to importing the data into a spreadsheet and performing a test of significance.
- There are many good web sites and books available to help with statistical analysis.