

Market Place Assignment (50 pts)

Conduct a field study at one or more markets or stores to document the plants or plant parts being sold or traded there. Use the guidelines below to choose a unique theme for your project and head out into the field with your camera and datasheets. Afterwards, archive and manage your data using NatureAtlas, a database-driven biodiversity informatics website.

A. Procedural Overview

1. Choose a unique project by selecting a combination of Economic Theme and Ethnographic Focus like those suggested in Table 1. Your project must be unique relative to others chosen by your classmates.

Table 1. Some potential themes and ethnographic foci available for the Market Place Assignment.

General Theme	Economic Theme	Ethnographic Focus
General	Cordage Fibers Available in ...	Amish Markets
	Fresh Herbs & Spices of ...	European Markets
	Fruits of ...	Lancaster Central Market
	Locally Grown Fruits of ...	Lancaster County
	Organic Produce of ...	Lancaster County Asian Markets
	Root, Rhizome, & Tuber Produce of ...	Mexican Markets
	Vegetables of ...	Pennsylvania Etc.
Culinary	Botanical Ingredients in ...	Amish & Mennonite Cuisine
		French Cuisine
		German Cuisine
		Lancaster County Cuisine
		Mexican Cuisine
		Pennsylvania Dutch Cuisine
		Thai Cuisine
Vietnamese Cuisine		
Etc.		

2. Visit relevant marketplaces to photograph and record written data about 10 different species and, whenever possible, the cultivar, of produce or other economic botanical materials sold at the marketplace(s). Record data using the data sheet on the course website. Record observations must be made on-site and must be specific to the specimen(s) observed at that site and must not be extracted from general reading about the plant.
3. Archive your observational data and photographs on NatureAtlas (www.natureatlas.org/plants/).
4. Hand in your data sheets and have your NatureAtlas submissions completed by March 28 at 5 pm. 10% off per day late. Each species's observation is worth 5 pts as follows:
 - a. Species must be unique in your lot of 10. (no credit for observation if not of a unique species)
 - b. NatureAtlas Photo Entry (2 pt)
 - 1) must be your own of a specimen at the reported locale,
 - 2) must be in focus,

- 3) the plant specimen must be the focus of the photograph and be of reasonable resolution,
- 4) must be well-lit,
- 5) must be right-side-up, &
- 6) must include a ruler or other scale tool
- 7) must not include images that would enable viewers to identify persons in the photograph (unless that person is you).

c. NatureAtlas Text Entry (3 pt)

- 1) must be your own work and not copied from another source.
- 2) must be accurate and include all fields except watershed, park, DBH and the four Voucher Specimen fields.
- 3) marker must be accurately placed with a precision error of 10 m or less.
- 4) Locale Description must include the information from the data sheet and be thorough, well-written and properly punctuated.
- 5) Wild Status must be entered as "Ethnobiologic Object"
- 6) Abundance field is an indication of the number of distinct objects of that same species visible at that location.
- 7) Organism (object) Description must include the information from the data sheet and be thorough, well-written and properly punctuated.
- 8) Must not violate the privacy of another person by providing names of a person (unless his or her name is part of their business name) and must not identify the home address or other personal information about a person.