

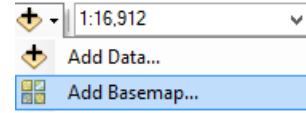
## Thematic Mapping

### Introduction

These instructions provide a basic introduction to displaying data on a map using different methods of symbolization.

### Preparing ArcMap

1. Run ArcMap and create a new blank document.
2. Click the black arrow beside the Add Data button and select Add Basemap.
3. Select a ready-made reference basemap and click Add.
4. Because basemaps are accessed on-the-fly, be patient with loading times and ensure you have a fast internet connection.
5. If prompted to turn on Hardware Acceleration, click NO!
6. Zoom to the extent of your study area.
7. Click Add Data to load the GPSplusExcel shapefile created in **From the Field to the Map: Part Two**, OR load the geocoded layer created in **From the Field to the Map: Part Three**.
8. If necessary, right-click the point layer and select **Zoom to Layer**.



### Basic Symbolology

1. To change the symbol used to represent point data, double-click the point layer in the **Table of Contents** to access Layer Properties.
2. Click the Symbology tab.
3. Select **Categories** from the "Show" pane on the left.
4. From the **Value** dropdown, select the field representing categories such as "Species\_Name" in this example.
5. Click "**Symbol**", select **Properties for all symbols...**
6. Explore the variety of symbols available. For this exercise, simply Increase the current symbol SIZE to 7. Click OK.
7. Click OK to return to the map window and see your results.
8. To change the colour of a single category, right-click the symbol in the **Table of Contents** and select a new colour.

