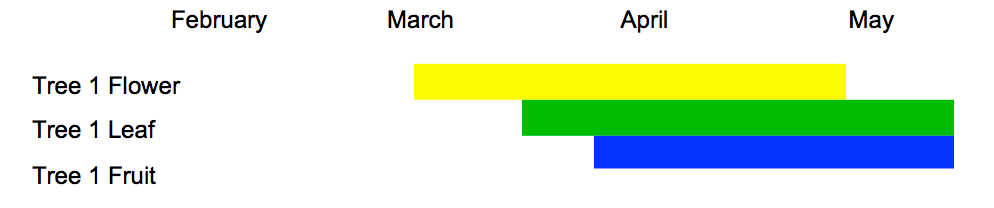
**Acquire a map of your neighborhood from Google Maps or Google Earth.**

**Indicate your residence and your 10 trees (street trees or park trees.)**

**Scientific Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Location:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| :::2012_01_08:IMG_3869.JPG | :::2012_01_08:IMG_3870.JPG | Macintosh HD:Users:amyberkov:Desktop:Street Trees 7 Jan 11:IMG_3746.JPG |
| Sample number:  Family name:  Common name:  Native or Exotic:  Natural Distribution: | DBH:  Estimated Height:  Value (Annual):  Maximum Life Span:  Estimated Lifetime Value: | Bark/Trunk:  Smooth/Textured  Peeling/Not peeling  Breaks on bark:  Vertical/Horizontal/  Uneven  Lenticels:  Linear/Not linear |
| Leaf arrangement:  Alternate/Opposite  Leaf type:  Simple/Compound  Margin:  Entire/Lobed/Toothed | Inflorescence type:  Flower color:  Flower shape:  Pollination method:  Pollinator: | Fruit type:  Seed Type:  Seed Dispersal: |
| Picture of Leaf | Picture of Flower | Picture of Fruit or Seed |

**For each individual tree in your sample, record the phenology of flower, leaf, and fruit (be aware that trees in the same species will probably be slightly different):**

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**For each street tree in your sample, use the New York City Street Tree map to retrieve the annual value of its economic benefits:** [**https://tree-map.nycgovparks.org/**](https://tree-map.nycgovparks.org/)

**What are cumulative annual benefits for your sample of 10 trees?**

**Look up the maximum life span of each tree species. Many variables affect the tree life spans, especially in urban settings, and ecosystem benefits change over time. Can you make a very rough estimate of the total economic value of your sample of 10 trees?**

**Which ecosystem service has the highest economic value?**