

Eco Project Equipment

- **Measuring tape** - 50m or greater for multiple measurements
- **Clinometer** – for measuring tree & bole height
- **Diameter tape** – Tree DBH
- **Compass** – locating reference objects, trees within plots
- **Flagging tape** – used to mark trees that have been measured in plots with many trees
- **Pin flags/Chaining pin** – used for marking plot center & boundaries
- **Clipboard, data sheets, pens/pencils** for data recording
- **PDA** – running Windows Mobile 5.0 or greater for integrated data collection using software
- **PDA storage card & PDA protection** - optional
- **GPS Unit** – Optional for locating plot centers in forested areas
- **Camera** – optional for taking pictures of plot for future reference
- **Laser range finder or hypsometer**- optional for measuring heights & distances
- **Area maps** – used for locating plots within study area
- **High resolution photo of individual plots** – assist with locating plot center and plot elements
- **Plastic bags** – used for collecting unknown plant samples for further identification
- **Safety vest**- safety precaution if working in traffic areas
- **Binoculars** – optional for viewing canopy
- **Chalk** – used for marking measured trees or marking plot boundaries on pavement
- **Species ID guide** – optional to assist with identification