Biology 3960/5960 -

textbooks, and the Internet for the literature review sections of your report.

DESCRIPTION OF THE MANAGEMENT AREA

The fourth section of your management plan should have this heading. It will include one or more maps along with a written description of the study site (including the surrounding land) as it now exists. It is strongly recommended that you take color photographs of your area. You should indicate the size of the site in hectares (use the metric system throughout the paper). This map and other maps in the report should be labeled "Figure 1", "Figure 2", etc. so that you can refer to them in the body of the text. Look at a current volume of the Journal of Wildlife Management to see the proper method for labeling tables and figures. Make sure you include a fairly detailed description of existing vegetation, soil types, and topography (more than one map will probably be required). Soil types can be found in government soil survey books which are available for every county in the U.S

STEPS OF THE MANAGEMENT PLAN

The preceding section indicated what the current situation is at Plowden Field Station. The purpose of this section is to describe and JUSTIFY the specific activities which you will use to modify the management area. You can use a monthly or yearly schedule depending upon the species of interest. Outline the steps that you will take to modify the habitat, and provide a justification for each step in your outline that refers back to the Literature Review of Management Techniques. Your written narrative should refer the reader to a series of maps (figures) showing the appearance of the area after each major phase of your habitat manipulation process. See the sample management plans for examples.

BUDGET

For each activity in your schedule; give the estimated cost of this activity. These estimates do not have to be extremely accurate, but I want you to have some idea what your management plan will cost not only in dollars but also in the number of personhours of labor. Assume a maximum of \$10,000.

Course Outcomes/Assessments

- 1. Know the history of wildlife biology in the United States.
- 2. Know the natural history of the principal game species of the southeastern United States.
- 3. Know how to assess habitat for particular game species and how to prepare a habitat management plan with budget.

4.