WILDLIFE SCIENCE

Name:_____ Club:_____ Date:_____

Guidelines for Project Proficiency Award: Beginning Level

	Date	Leaders Initials
1. Define the following terms: habitat____carrying capacity____preservation___refuge____ birth rate____breeding stock____harvest____death rate____conservation____	____	_____
2. Know what the terms migratory and non-migratory mean. Give examples.	____	_____
3. Know how to recognize a: mammal____bird____reptile____ amphibian____fish____	____	_____
4. Give one example of each of the above groups.	____	_____
5. Name the five most important components of habitat.	____	_____
6. Identify some equipment that can be used for observing wildlife.	____	_____
7. Attend 80% of field trips.	_____	_____
8. Give a demonstration.	____	_____
9. Bring an article about wildlife from a magazine or newspaper to the meeting.	____	_____
10. Know the name and natural history of the only marsupial found in North America.	____	_____
11. Explain the general characteristics of the deer family.	____	_____
12. Explain the difference between horns and antlers.	_____	_____
13. Explain the importance of the following: fish hatcheries____dams____fish ladders___	____	_____
14. Explain the ways of studying migration in birds, mammals, and fish.	____	_____

Leaders Signature:_____ Date:_____

WILDLIFE SCIENCE

Name:_____ Club:_____ Date:_____

Guidelines for Project Proficiency Award: Intermediate Level

	Date	Leaders Initials
1. Define the term "territory".	____	_____
2. Give three examples of territorial animals.	____	_____
3. Define the following terms: arboreal____succession____predator____fossorial____ extinction____parasite____aerial____protected species____exotic species____	____	_____
4. Give an example of an exotic species that has been introduced into Mendocino County.	____	_____
5. Discuss why exotic species may not always be a good idea for an area.	____	_____
6. Choose an animal of your choice and describe it to the members at a meeting.	_____	_____
7. Learn the scientific names of three animals found in Mendocino County.	_____	_____
8. Discuss what factors can harm habitat and how that impacts carrying capacity.	_____	_____
9. Interview a wildlife/fishery (or any other natural resource professional) and tell what that person does on their job.	____	_____
10. Attend 80% of the field trips.	_____	_____
11. Give a demonstration.	_____	_____
12. Bring an article about wildlife from a magazine or newspaper to the meeting.	____	_____
13. Explain the differences in dentition (teeth) between carnivores and herbivores.	____	_____
14. Explain the differences between rabbits (lagomorphs) and rodents.	____	_____

Leaders Signature:_____ Date:_____

WILDLIFE SCIENCE

Name:_____ **Club:**_____ **Date**_____

Guidelines for Project Proficiency Award: Advanced Level

	Date	Leaders Initials
1. **Define the following terms:** hibernation___endangered____anadromous____aestivation____ threatened____salmonid____flyway____rare____raptor____.	____	_____
2. Explain the life cycle of an anadromous fish.	____	_____
3. Explain the major differences in the life cycle of a)Chinook, b)Coho, c)steel head.	____	_____
4. Explain the importance of juvenile vs adult plumage in bird identification.	____	_____
5. Name the major migratory waterfowl flyways found in North America.	____	_____
6. Identify three specimens of waterfowl found in the Pacific Flyway.	____	_____
7. Explain how wildlife may benefit humans.	____	_____
8. Instruct project members on equipment used for wildlife identification.	____	_____
9. Organize a field trip for the project members to view wildlife.	____	_____
10. Keep a record of wildlife species observed in your backyard during the time of your project.	____	_____
11. Develop a reference library of wildlife sciences that may help you or other members in your project. This may include clippings, bulletins, books, pictures, articles, etc.	____	_____
12. Attend 80% of the field trips.	____	_____
13. Give a demonstration.	____	_____
14. Lead one of the meetings.	____	_____

Leaders Signature:_____ Date:_____