

READING and STUDY PLAN:

Take time to review your lecture/discussion notes and Study Outline in SA #3 after our discussion of “Botany and Stewardship.” We will continue that discussion in our next meeting. Meanwhile, your cooperative learning group has been assigned one of the categories of plant/fungi uses below.

TEXT READING: Assigned resource pages given with your category (below).

ASSIGNMENT:

This is a cooperative group assignment. Please come prepared to present a brief oral report given by one or two of your group members during the lecture date matched to this assignment. Decide within your group how you will communicate and collaborate over the next two days to complete the assignment. If you cannot meet in person, your WebCT discussion place will be convenient for a threaded discussion. See instructions given at the WebCT link on the BIO 2500 home page and on the SA #5 Study Guide.

PROCEDURE:

Having received your assigned category from the list below, your oral report should be given from information written or typed on the attached **Attendance/Participation Form**. Please bring one copy of the form to class prepared to turn in at the end of the hour for your group.

1. Companion Planting – “[Comp. Planting](#)” weblink; and Stern App.2, Table A2.3, p. 531-535
 2. Mutualisms – use Stern, pp 74-75 and search Molles’ text index for more pages.
 3. Edible Native Plants and Fungi– Appendix 3, Table A3.1, p. 537-540
 4. Poisonous Plants – Appendix 3, Table A3.2, A3.3, p541-543
 - Medicinal Plants – Appx. 3, Table A3.4, p537, 543-553 [Exclude “Memory Enhancing” species.]
 5. Group 5
 6. Group 6
 7. Group 7
 8. Group 8
- } Multiple groups assigned to “Medicinal Plants” according to divisions of the alphabetical list. See “Cooperative Learning Group” website
9. Plant Sources of Memory Enhancing Compounds– p. 554
 10. Cholesterol-lowering Plants or Derivatives – p. 554-555
 11. Plants or Fungi Containing Hallucinogenic Substances – Appx 3, Table A3.5, p. 555-556
 - Plants for Flavoring or Seasoning – p. 555 and Appendix 3, Table A3.6, p. 557-559
 12. Group 13 = Plant Common Names beginning with A through G
 13. Group 14 = Plant Common Names beginning with H through Z
 14. Plant and Fungal Sources of Natural Dyes – p. 555; Appendix 3, Table A3.7, p. 559-561
- Extra Options (if needed) – Choose a plant family from Chapter 24 as your subject.

On either side of the river was the tree of life, bearing twelve kinds of fruit, yielding its fruit every month; and the leaves of the tree were for the healing of the nations. – Rev 22:2

NAME(S): _____

Note: This is a Cooperative Learning Group Discussion Feedback form for use in presenting your responses.

INSTRUCTIONS: Please meet or confer through threaded discussion in WebCT to formulate the content of your oral report which should address each of the following parts as related to your particular topic:

1. State your assigned category (# and title). Briefly explain the value of plants/fungi in this category and define any important terms or concepts.

Category: #____ Title: _____

2. Illustrate this use of plants/fungi with three examples that you deem most meaningful and interesting to the class.

a. _____

b. _____

c. _____

3. Suggest one question or an idea for further scientific investigation which was triggered by your reading. Some slight additional research beyond your text may be needed (or inviting to your interest).