Fall 9-1-2001

BIOL 595.01: Conservation of Aquatic Biodiversity

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CONSERVATION OF AQUATIC BIODIVERSITY

Biology 595-01 Fall 2001

INSTRUCTOR: Andrew Sheldon, HS 203A
OFFICE HOURS: T, Th 10-12; W 9-11

TEXTS:

   Special Publication 1, Southeast Aquatic Research Institute.

Plus: journal papers, gray literature, etc.

GRADING: Paper 35%
          Presentation 15%
          Exercises 15%
          Participation 35%

(Final class meeting December 17, 8:00-10:00 AM.)

This course has the following components:
a) evolutionary, biogeographic and ecological patterns against the template of North
   American freshwater ecosystems.
b) status of aquatic fauna and nature of threats.
c) positive and workable steps for the conservation of aquatic biota and environments.
d) if time permits, extension of these ideas to marine systems and fresh waters of other
   continents.

Paper and presentation must include components a, b and c. Topics may be drawn from
around the world but must be pre-approved.

    Topic Choice: October 3
    Short Proposal: October 24

Presentation and discussion: 15 + 10 minutes.

The pace and direction of the course are fairly flexible and will be responsive to student
interests.
At least one visiting seminar speaker will meet with the class.