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WBIO 575.01: Frontiers in Conservation Biology

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Frontiers in Conservation Biology

WBIO 575 (2 credits)

Fall 2000

Instructor: Dr. L. Scott Mills

In this graduate / advanced undergraduate class we will consider and discuss writings and ideas that are just emerging at the interface of population biology, conservation genetics, monitoring, and evaluation of the impacts of human perturbations.

This semester, the "Frontiers" course will focus on the book [Analysis and Management of Animal Populations] being written by 3 outstanding applied ecologists (Jim Nichols, Ken Williams, and Mike Conroy) for Academic Press. We will read approximately 10 chapters, discussing them as a class. Depending on class interests, we may also read some chapters from the book Introduction to Conservation Genetics being written by Frankham, Briscoe, and Ballou. During the last few weeks of the semester, students will present short seminars on cutting edge topics that spin off of the book readings.

Prerequisites: Graduate standing and previous classes in population ecology. Undergraduates, or grad students without any population ecology background, should see instructor for special permission.

Organizational Meeting: Thursday, Sept. 7 at 5pm, Forestry 311.