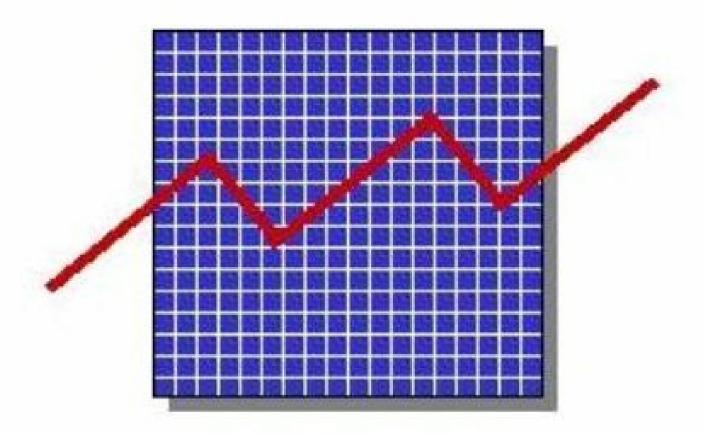
Needs and Preparedness of Fisheries Hires by State Agencies



Don Gabelhouse, Jr.
Fisheries Division Administrator
Nebraska Game and Parks Commission

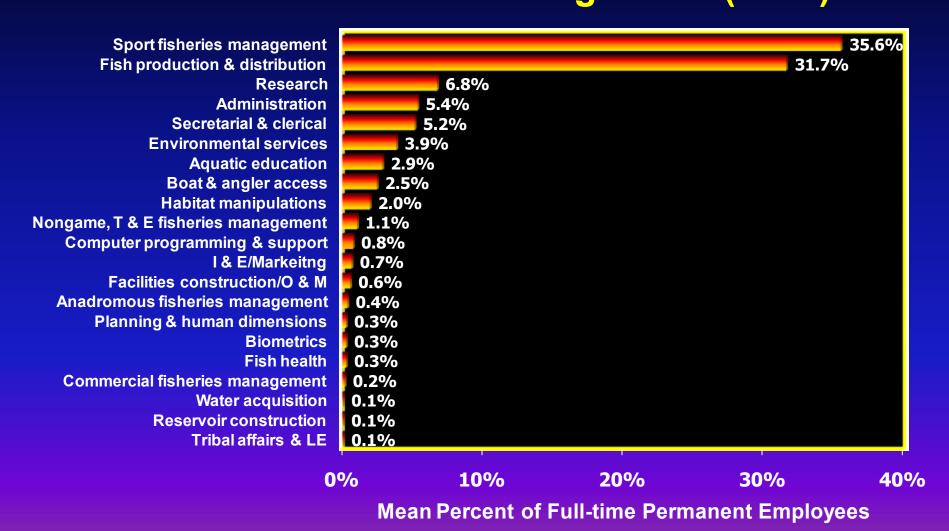


Past-President
Fisheries Administration Section of AFS



Fairfield Research, Inc.

Composition of Inland Fisheries Programs in 41 State Fish and Wildlife Agencies (2001)



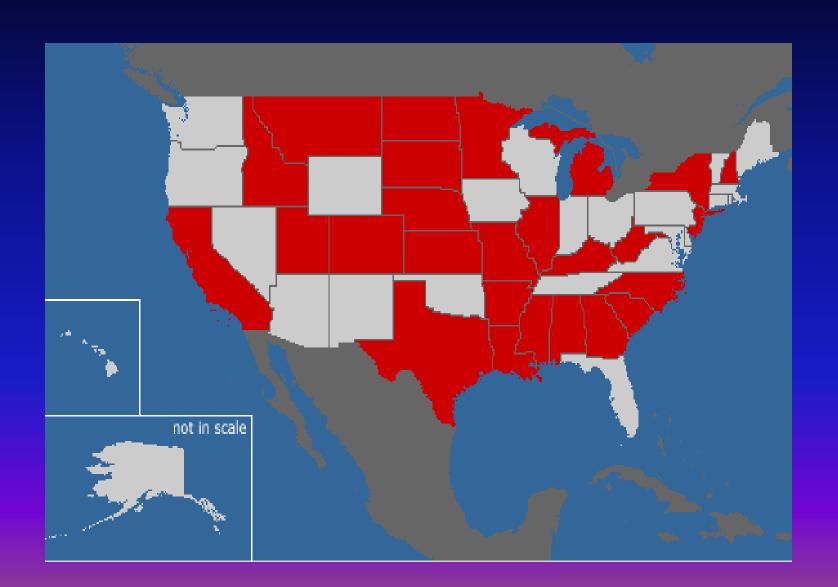
Information Sought

- Level of education required
- Importance of previous non-academic work experience
- Importance of knowledge in 54 competencies (courses)
- Preparedness of recent hires in applying knowledge of the 54 competencies
- Expected change in importance of the 54 competencies in 10 years
- Additional competencies
- Comments

Information Sought

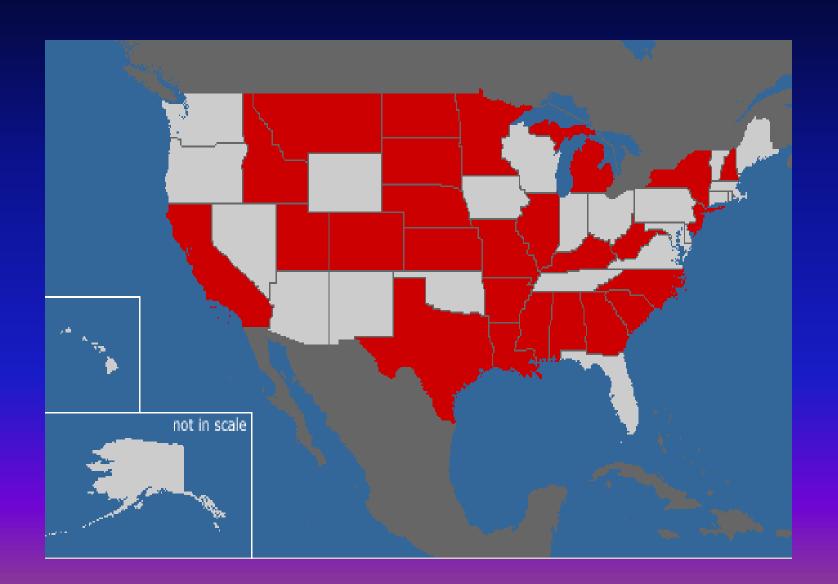
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- Comments

35 Responses to the Survey



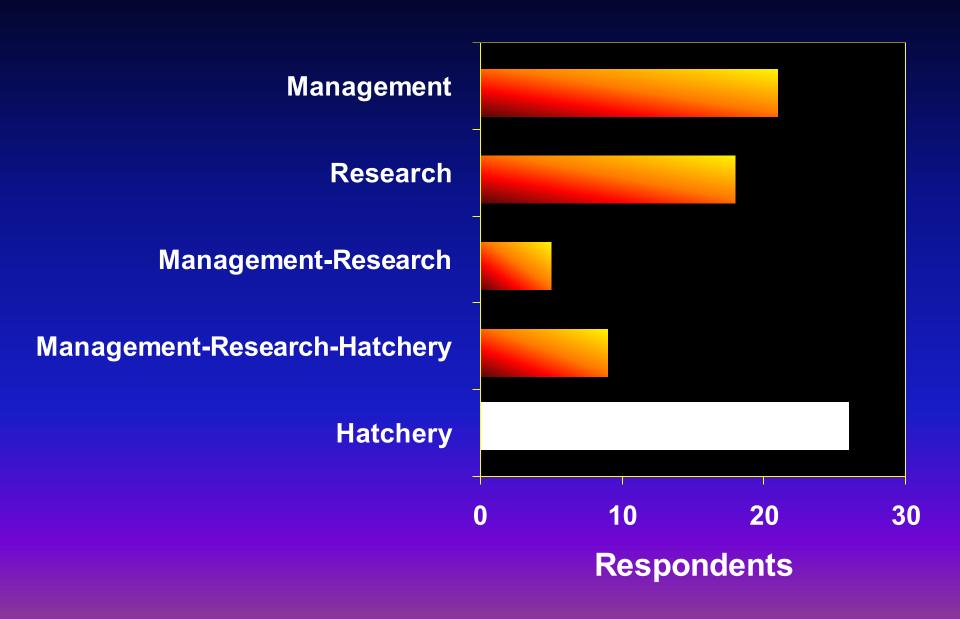
35 Responses to the Survey

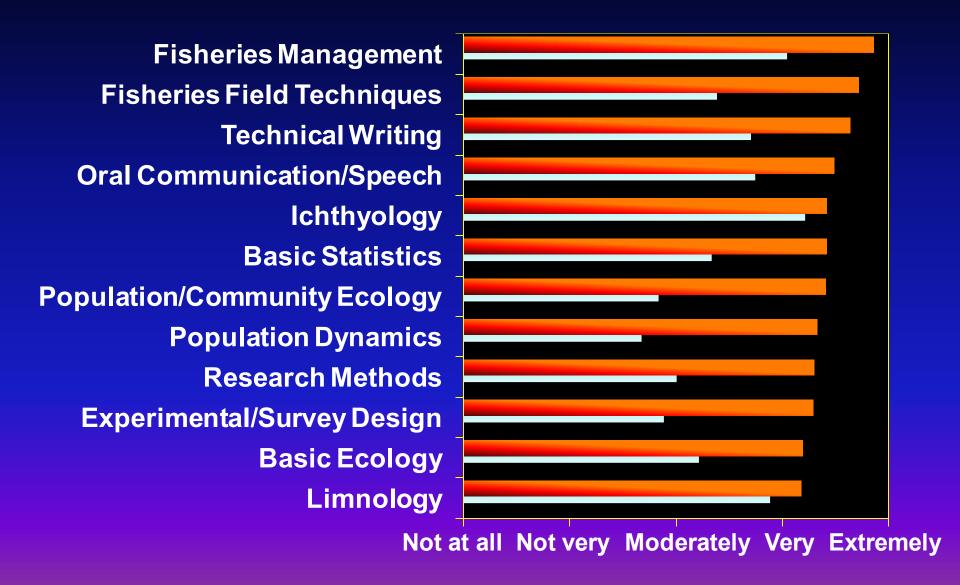
(includes two from West Virginia, 7 unknown states, and Puerto Rico)

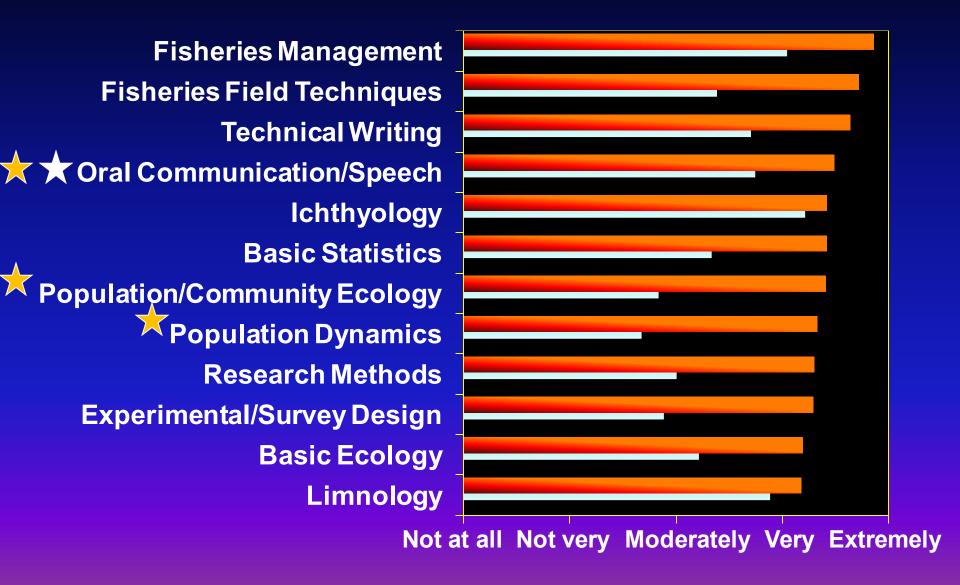


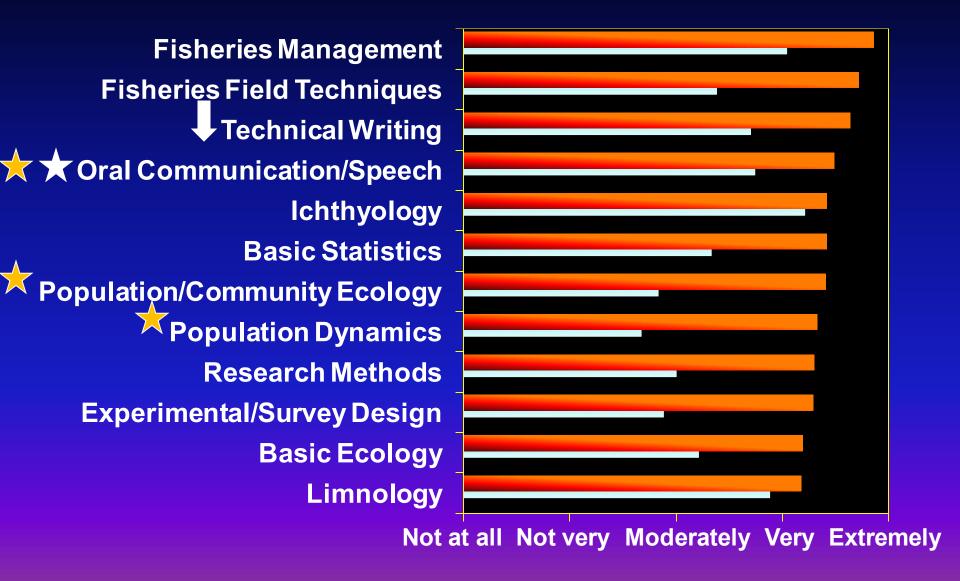
Types of Biologists on Staff

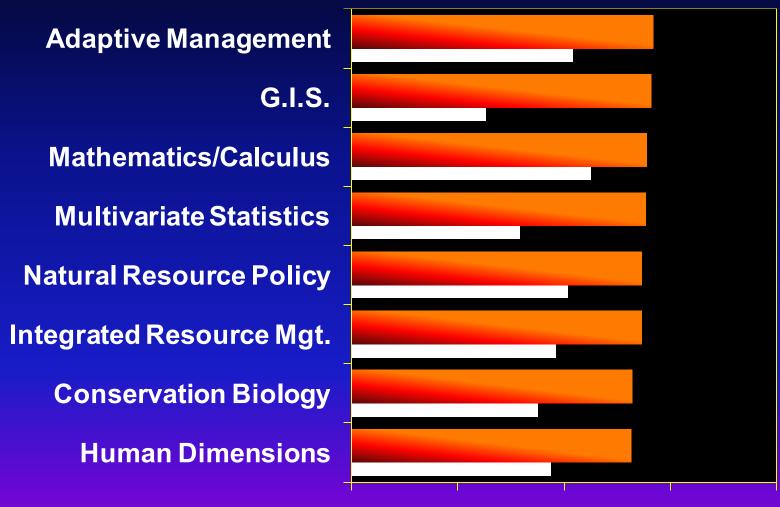
Types of Biologists on Staff

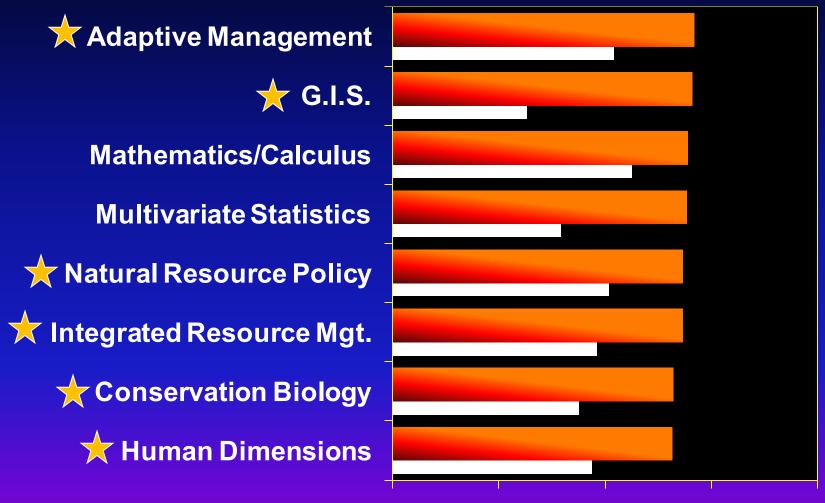


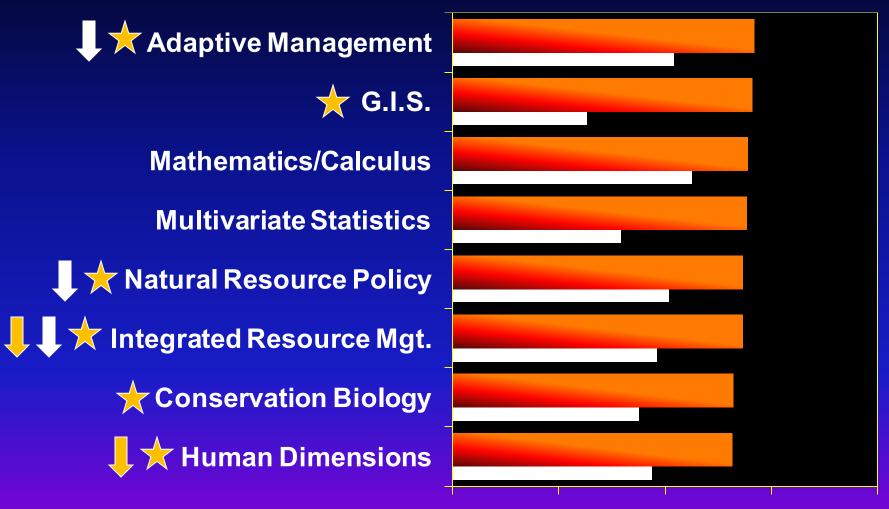


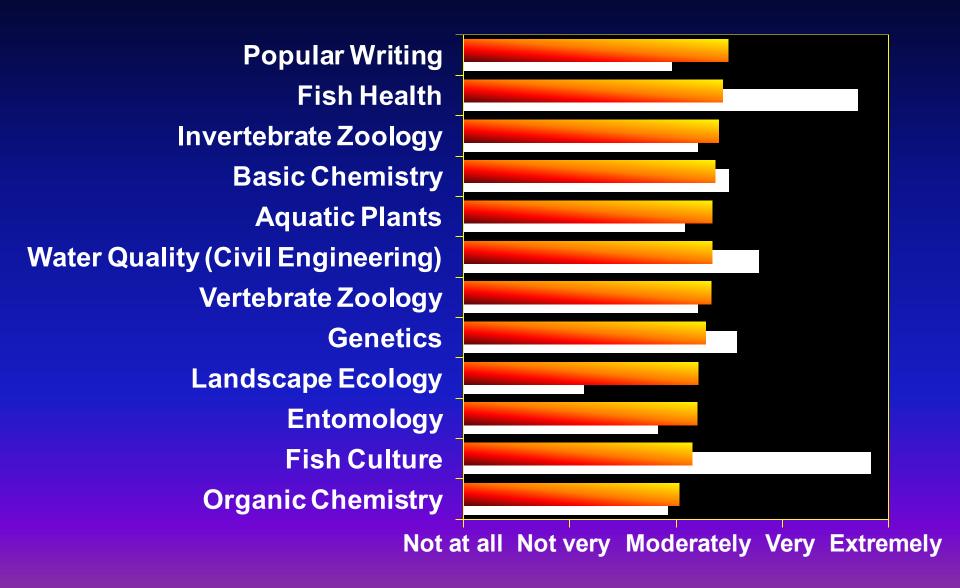


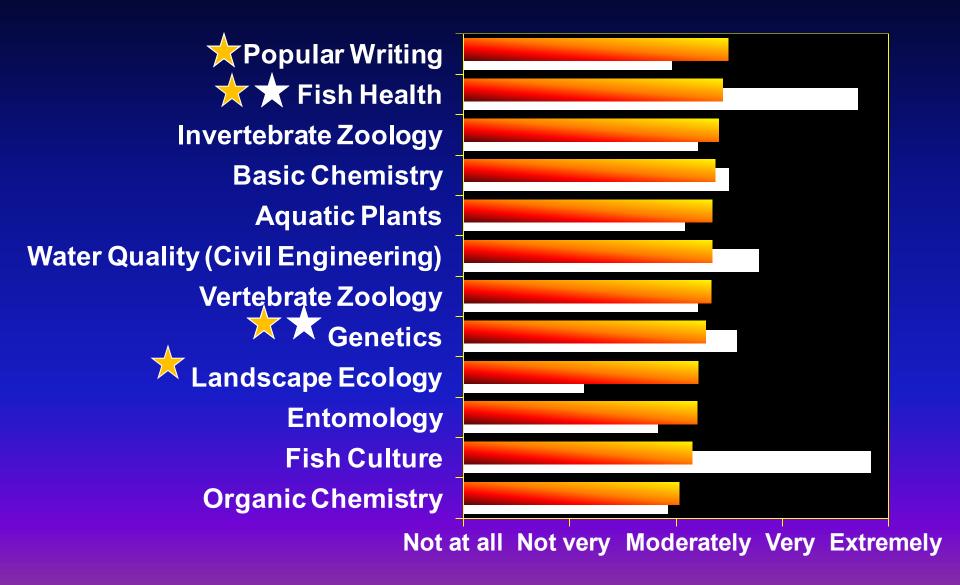


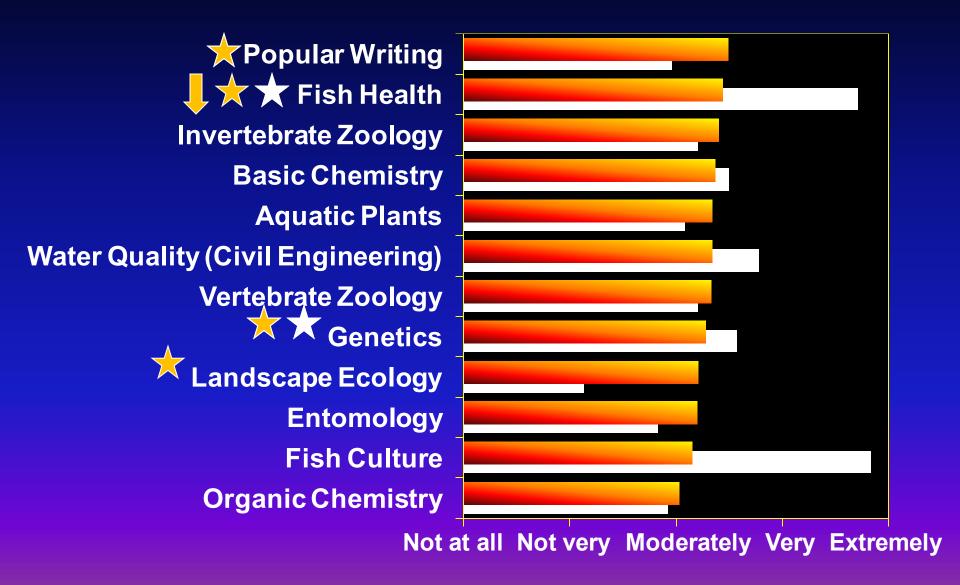


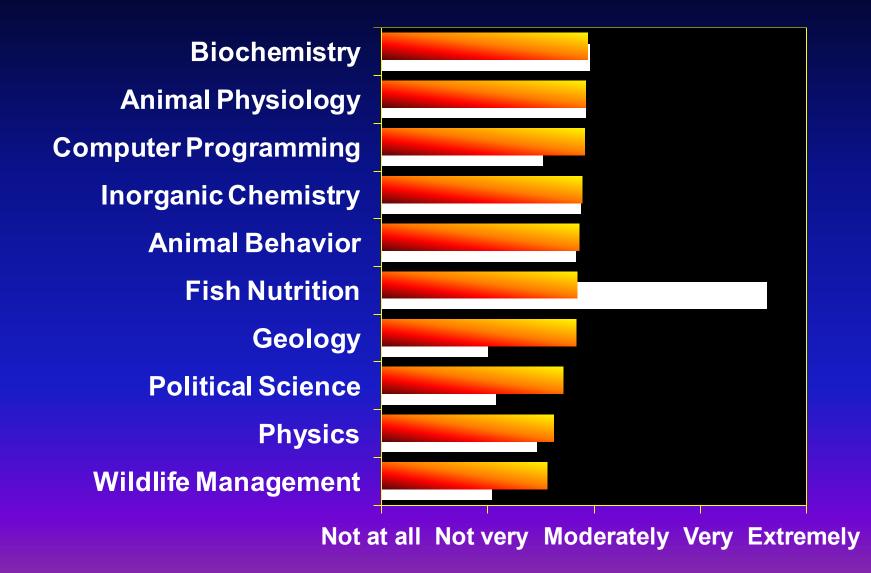


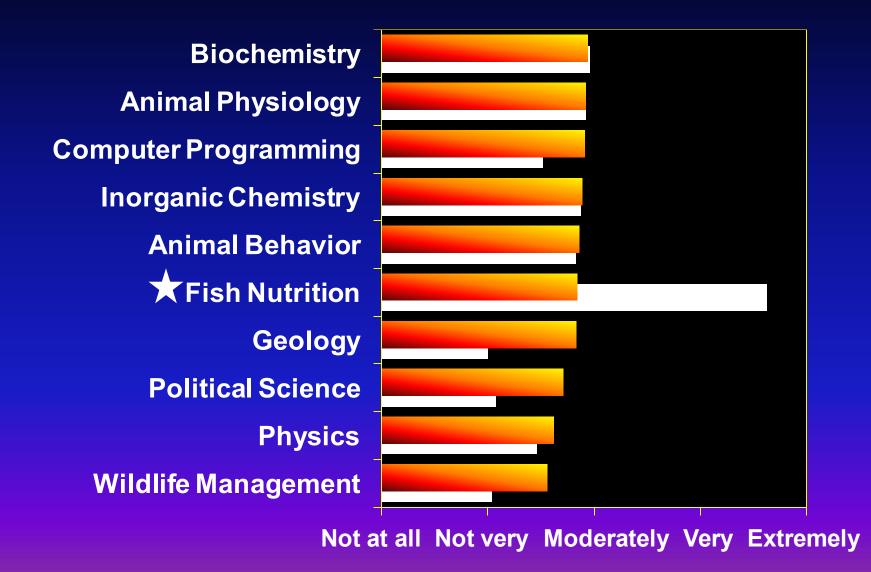


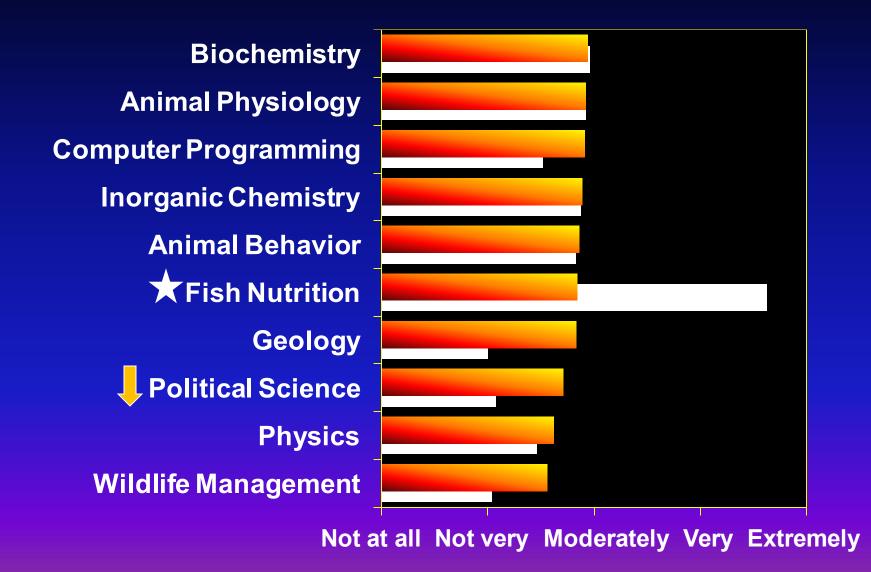


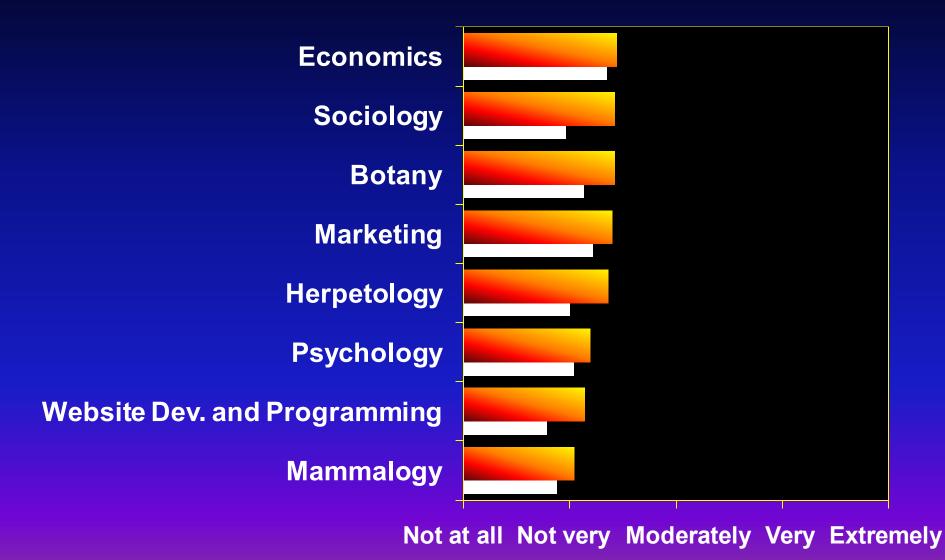


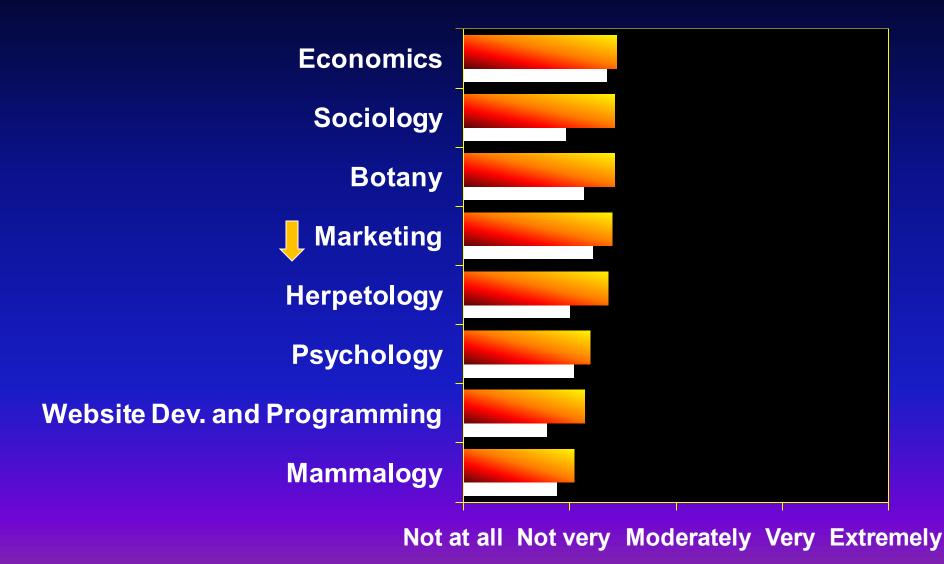


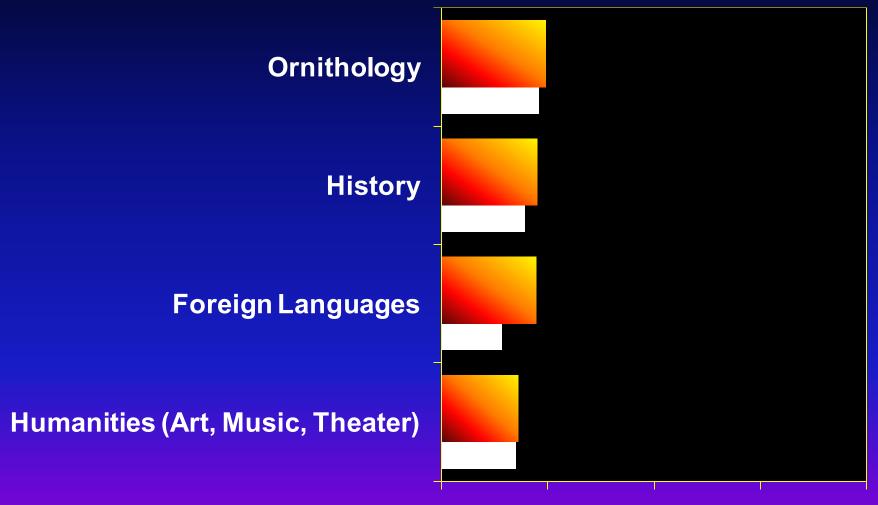


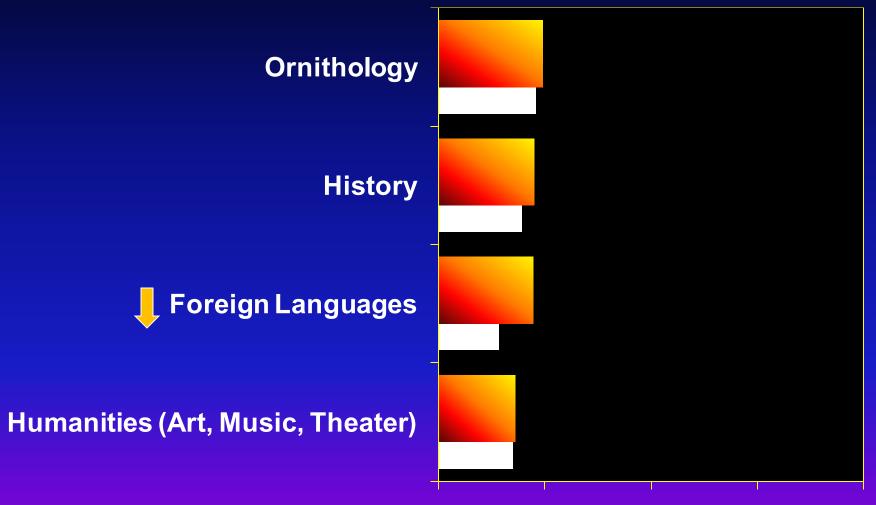










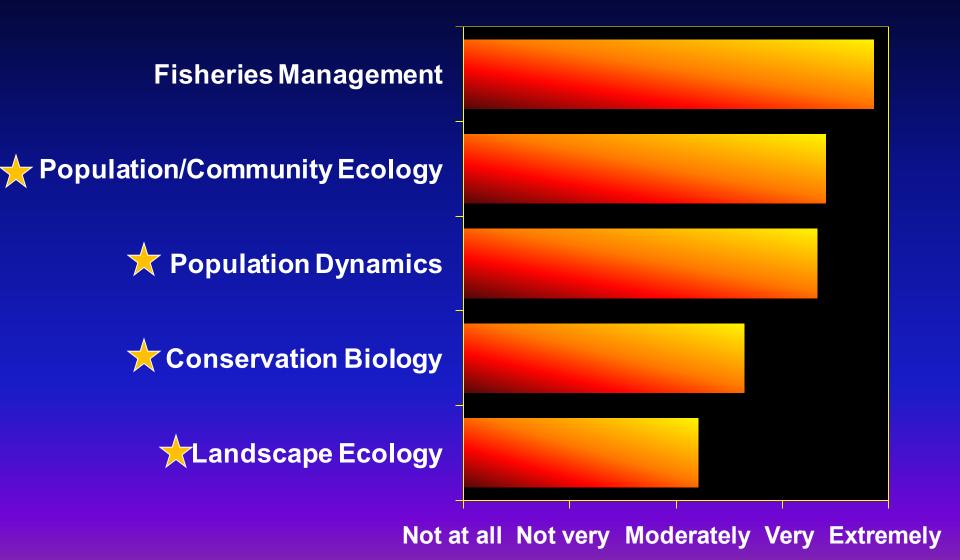


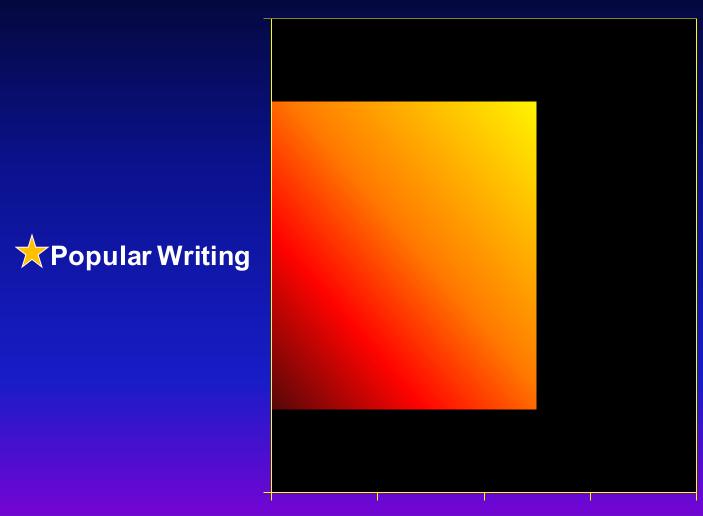
Additional Suggested Courses

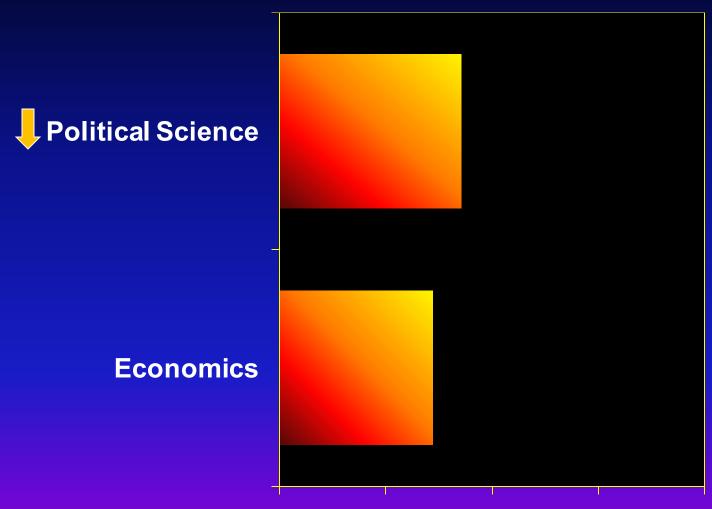
Additional Suggested Courses

- Aquatic Invasive/Nuisance/Exotic Species
- Climate Change
- Government/Financial Management
- Professional Ethics
- Stream Mechanics
- Watershed Hydrology
- Equipment O & M/Technical Common Sense Skills
- Time/Administration Skills
- Negotiation Skills
- Networking/Working in Teams/Working with Stakeholders
- Meeting Management/Consensus Building
- Public Relations
- Database development and management
- Environmental Permitting and Review
- Lab Experience
- Applied Research









Fishery Management

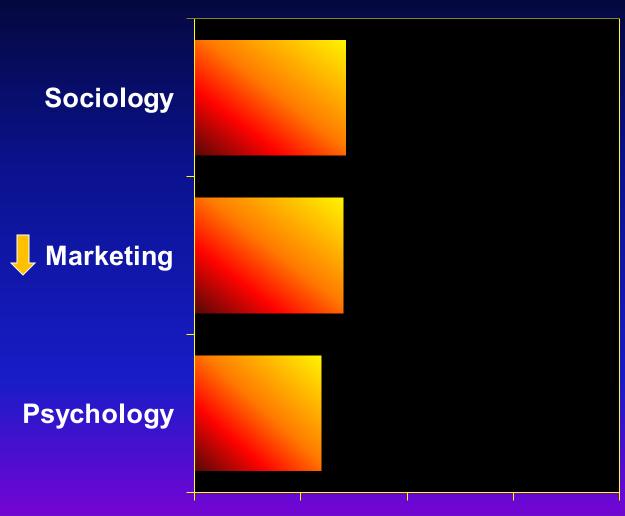
The manipulation of the physical, chemical, and biotic factors in aquatic environments to achieve the most satisfactory sustained production and yield of desired species of fish in a program that is regulated by sound biological, political and economic principles and concepts.

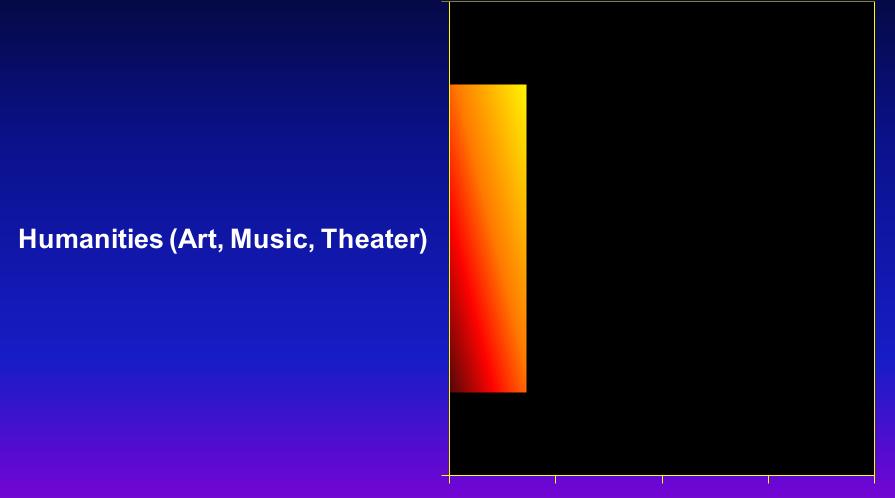
Richard O. Anderson

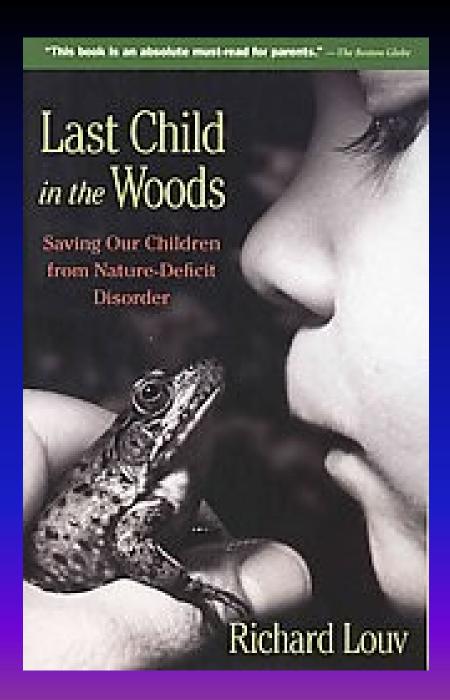
Fishery Management

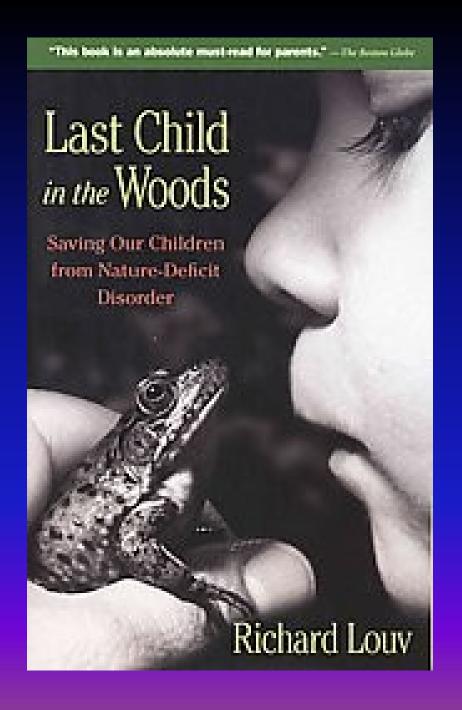
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Richard O. Anderson



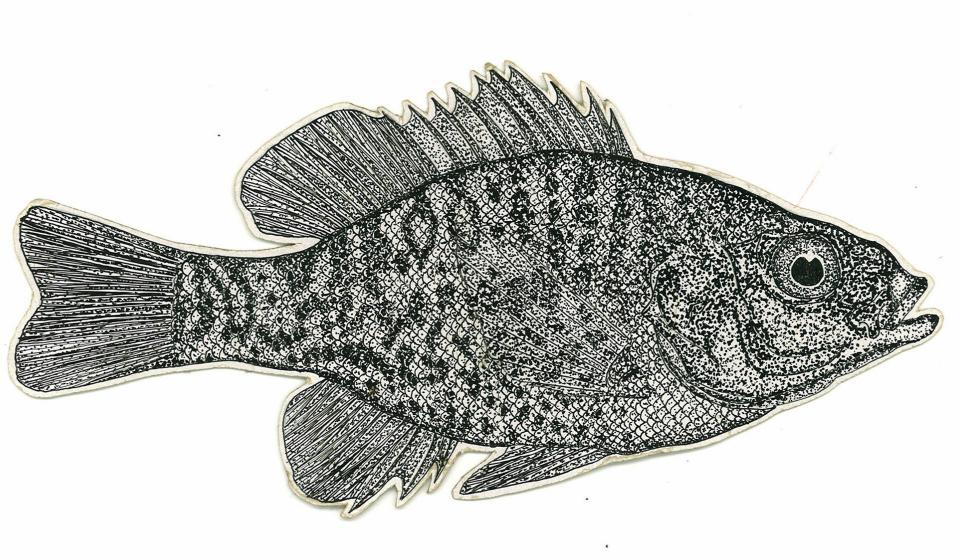






A 1995 analysis by the College Board showed that students who studied the arts for more than four years scored forty-four points higher on the math portion and fifty-nine points higher on the verbal section of the SAT.

Richard Louv











Leonardo di ser Piero da Vinci April 15, 1452 – May 2, 1519 was an Italian polymath, scientist, mathematician, engineer, inventor, anatomist, painter, sculptor, architect, botanist, musician and writer. Leonardo has often been described as the prototype of the Renaissance man, a man whose unquenchable curiosity was equaled only by his powers of invention.

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