

A. Center/Institute/Program

Center for Limnology/University of Colorado at Boulder

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Director/Chairperson: Dr. William M. Lewis, Jr.
Representative to AERC: Dr. William M. Lewis, Jr.
Alternate: Dr. James H. McCutchan, Jr.

B. Major objectives of the Center/Institute/Program

1. To provide facilities, staff support, and an interactive research environment for the analysis of freshwater ecosystems.
2. To encourage the training of students in the study of freshwater ecosystems at the University of Colorado.
3. To serve as a linkage point in multi-disciplinary studies of ecosystems.

C. Major ecosystem research emphases

1. Tropical freshwater ecosystems.
2. Rocky Mountain montane and plains aquatic ecosystems.

D. Staff

Permanent scientific staff: PhD: 5, MS: 2
Scientific support staff: Postdocs: 3, Technicians: 4
Other support staff: Administrative: 1
Graduate students: PhD: 3, MS: 1
Summer undergraduates: 3-5

E. Approximate annual funding (recent year)

Core funding: \$150,000/yr, Source: University of Colorado
Grants: \$250,000/yr

F. Areas and facilities for ecosystem research studies

Limnology Center, University of Colorado at Boulder, 3,000 sq. ft.

G. Research staff directly involved in ecosystem research (names and specialty areas)

Cronin, Greg – lithoral communities

Dufford, Richard – phytoplankton ecology

Lewis, William M., Jr. – tropical freshwaters, plankton dynamics, nutrient mass balance,
ecosystem energetics

McCutchan, James H., Jr. – food web analysis/stable isotopes

Tyus, Harold – fish ecology

H. Long-term data sets (code name, number of years of data, computer accessibility)

1. Lake Valencia, five years, computerized.
2. Lake Lanao, two years, computerized.
3. Como Creek, ten years, partly computerized.
4. Orinoco River, five years, computerized.
5. Lake Dillon, CO, computerized.