

**Careers in Conservation** require specific knowledge of natural resources and a willingness to participate in field activities even during adverse weather conditions. As a freshman student in one of the Conservation programs, we strongly recommend that you have the following items when you begin at the College:

day pack	rain suit
work boots	durable outdoor clothes
hiking boots	water bottle
journal/daily calendar	field identification guides

There are many excellent field identification guides available. Those marked with an asterisk (\*) are required for certain courses. Time that you spend learning how to use the guides will be a key to your success in the Conservation programs. Proper resource management is based, to a large degree, on correct species identification.

### **Plant Guides**

- Brockman CF. 1968. Trees of North America. New York: Golden Press.
- \* Hallowell AC, Hallowell BG. 2001. Fern finder. Berkeley, California: Nature Study Guild.
  - \* Harlow WM. 1957. Trees of the Eastern and Central United States and Canada. New York: Dover Publications.
  - \* Newcomb L. 1977. Newcomb's wildflower guide. Boston, Massachusetts: Little, Brown and Company.
- Petrides. 1988. Eastern trees. Peterson field guide series. Boston, Massachusetts: Houghton Mifflin Company.
- \* Watts MT, Watts T. 1970. Winter tree finder. Berkeley, California: Nature Study Guild.

### **Wildlife Guides**

- Behler JL, King FW. 1979. The Audubon Society field guide to North American reptiles and amphibians. New York, New York: Chanticleer Press, Random House.
- \* Borror DJ, White EW. 1998. Peterson field guide to insects: North of Mexico. Boston, MA: Houghton Mifflin.
- Conant R. 1958. A field guide to reptiles and amphibians. Peterson Field Guide Series. Boston, Massachusetts: Houghton Mifflin Company.

## Wildlife Guides - continued

Decker DJ, Howard RA, Everhart WH, Kelley JW. 1985. Guide to freshwater fishes of New York. Ithaca, New York: Cooperative Extension Publication, Cornell University.

\* Needham JG, Needham PR. 1962. A guide to the study of fresh-water Biology. New York: McGraw Hill.

\* Reid G. 2001. Pond life. New York: St. Martin's Press.

Rezendes P. 1992. Tracking and the art of seeing. Charlotte, Vermont: Camden House Publishing.

\* Russo R. 1991. Mountain state mammals. Berkeley, California: Nature Study Guild.

\* Sibley DA. 2003. The Sibley field guide to birds of eastern North America. New York: Knopf.

\* Sibley DA. 2002. Sibley's birding basics. New York: Knopf.

Sibley DA. 2001. The Sibley's guide to bird life and behavior. New York: Knopf.

Stokes DW. 1976. A guide to nature in winter. Boston, Massachusetts: Little, Brown and Company.

\* Stokes DW, Stokes LQ. 1986. A guide to animal tracking and behavior. New York, New York: Little, Brown and Company.

\* Voshel JR. 2002. A guide to common freshwater invertebrates of North America. Virginia: McDonald & Woodard Pub. Co.

\* Werner RG. 2004. Freshwater fishes of the northeastern United States. Syracuse, New York: Syracuse University Press.

We also urge students to acquire the following items during their two years at Finger Lakes:

binoculars	hand lens
backpack	sleeping bag
ground pad/mattress	tent
compass	camera

Field guides and equipment will be used in CON 190, Conservation Field Camp, a required course for AAS Natural Resources Conservation, AAS Natural Resources Conservation: Law Enforcement and AS Environmental Studies students. The course is taught in the summer between the freshman and sophomore year.

Students in AAS programs in Conservation will take an extensive test on species identification in the spring semester of their last year. This test is a part of CON 203, Conservation Seminar, and it serves to assess student competencies gained during their entire time at Finger Lakes. We strongly urge all students to begin preparing for this test by learning species identification as soon as possible.