SESSION 21: 8:15 AM
Tuesday, March 13, 2001
T2. Palaeoecological Records of Holocene Climate Change I
Sheraton Burlington Emerald Salon II

8:30 AM
Cwynar, L.A.
THE PACIFIC-ARCTIC OSCILLATION IN EASTERN NORTH AMERICA
Cwynar, L.A., VINCENT, J. and KUREK, J., Univ. of New Brunswick, Department of Biology, Fredericton, NB, E3B 6E1, SPEAR, R.W., State Univ of New York, Department of Biology, Genesee, NY, 14454
The Pacific-Arctic Oscillation is a strong, persistent oscillation that can influence atmospheric and oceanic circulation patterns. It has been shown to affect various aspects of the earth's climate, including sea ice extent, precipitation, and temperature. Cwynar's presentation will focus on the role of this oscillation in shaping the climate of eastern North America.

SESSION 22: 9:00 AM
A 13,000-YEAR REGIONAL RECORD OF HOLOCENE STORMS FROM TERRIGENOUS SEDIMENT, NORTHEASTERN USA
NOREN, Anders J. and BIERMAN, Peter R., Univ. of Vermont, Department of Geology, University of Vermont, Burlington, VT 05405, GALSTER, John C., Univ. of Vermont, Department of Geology, University of Vermont, Burlington, VT 05405, APT, A., Pocatello, ID 83201
The study of paleoclimate is crucial in understanding past climate variability and its implications for future climate change. In this presentation, Noren and Bierman will discuss their research on the Holocene storm record from northeastern USA. They will present new data from sediment cores that provide insights into past storm activity and its potential impacts on the coastal environment.

9:30 AM
Francis, Donna
LATE HOLOCENE CLIMATE CHANGE IN NEW ENGLAND AS INFERRED FROM CHIRONOMID REMAINS IN LAKE SEDIMENTS
FRANCIS, Donna, University of Massachusetts, Dept. of Geosciences, Amherst, MA, 01003
The presentation will focus on the late Holocene climate change in New England, with a specific emphasis on the role of chironomid remains in sedimentary records. Francis will discuss how these small insects can provide valuable insights into past temperature and precipitation conditions in the region.

2001 GSA Northeastern Section Meeting