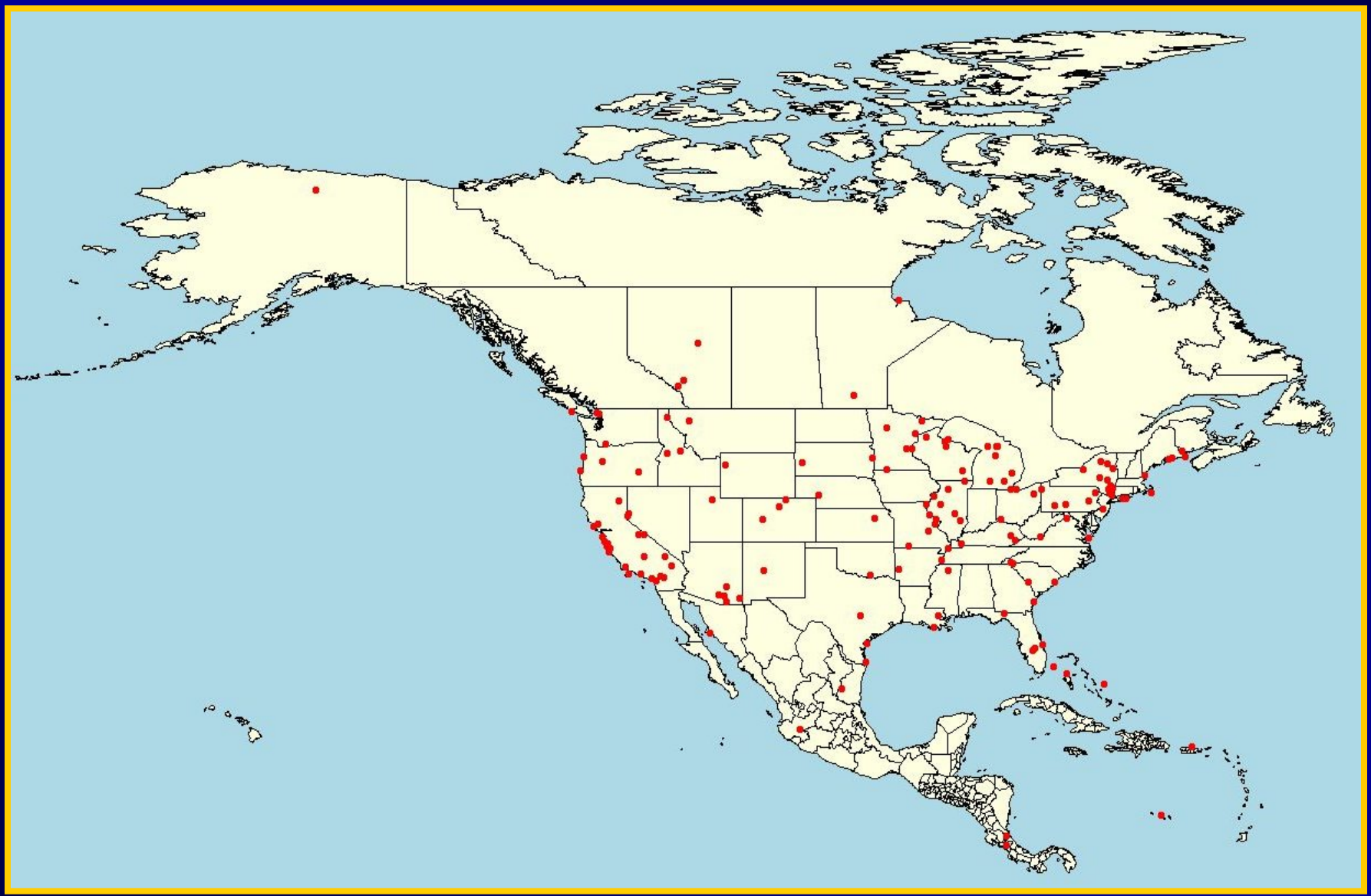


# Introducing the Organization of Biological Field Sites



# Map showing OBFS locations



# OBFS Research Themes

- ▶ relating fundamentals of basic biology and ecology
- ▶ measuring environmental change
- ▶ maintaining biodiversity
- ▶ sustaining ecological systems
- ▶ predicting consequences of management policies and actions
- ▶ restoring and rehabilitating damaged ecosystems
- ▶ demonstrating rates of change in biological diversity and the subsequent effects on community structure and ecosystem processes
- ▶ describing the biology of rare and declining species and the scientific information necessary to sustain such species
- ▶ defining the principles that govern outbreak and spread of pest and disease organisms
- ▶ assessing evolutionary consequences of anthropogenic and other environmental changes.

*from 1995 New Horizons Report (NSF sponsored)*

# Field Stations 2000 Initiative

- ▶ The 158 OBFS sites have information resources that are of national importance
- ▶ A framework for an OBFS distributed information network has been developed
- ▶ A collaboration of OBFS, LTER, SDSC, initially
- ▶ Three pilot projects (OBFS internet site is operational):
  1. Personnel data base (in progress)
  2. Status of amphibian populations (done)
  3. Compilation of species lists (in progress)
- ▶ Recommended data management protocols and standards based upon DIMES report

# Field Stations 2000 Initiative

## Future Tasks:

- ▶ Establish network office and catalog long-term data bases
- ▶ Determine strategic questions that can be answered via the network
- ▶ Determine suite of environmental change variables for routine monitoring
- ▶ Develop collaborations to add more sites (TNC, NAML, IOBFS, agencies)
- ▶ Initiate funding strategy

