

## AGENDA

Thursday, January 14, 1999

8:00 a - Welcome and introductions

**KRISHTALKA**

8:30a – The concept of a biodiversity observatory and a network of observatories: the larger NSF and national context

**HAYDEN**

9:00a Summary and discussion of the first workshop and its final report: 3 components – Research, Observatories, Center

**REICHMAN**

10:00a Research component of BON : **COLWELL, MARTIN, ESTES, SAUER**

1. Spatial/scope research issues: **Colwell, Martin**

- Within site
- Regionalization across sites
- Globalization across regions

2. Intellectual research issues: **Estes, Sauer**

- Integration of traditional biotic survey aims and protocols with biodiversity process analysis, modeling and prediction
- The evolutionary and ecological flux of biodiversity: The evolutionary basis of ecosystem structure and function; Systems analysis/relationships of multiple phylogenetic lineages composing ecosystems and ecosystem dynamics; the interplay between evolutionary (taxonomic, phylogenetic) and ecological patterns and processes.

12 Noon Lunch

1:30p Observatory component of BON: **WILLIG, HARRIS, REICHMAN**

1. What is a site? Who can be a site?: **Willig**

2. Site location: **Willig**

- Placement criteria: latitudinal and/or altitudinal gradients? Habitats? Ecosystem/biodiversity transitional areas?
- Scope: national and international considerations; partnerships with other national priority “observatory” sites and networks

3. Minimum specifications: **Harris**

- Baseline data at each site – e.g. plants
- Core data sets across sites: biotic and abiotic
- Equipment standards

4. The ATBI question: **Reichman**

5:30 End of Day 1 – Dinner and libation

**Friday, January 15, 1999**

- 8:00a Taking stock: Review of Day 1 conclusions concerning Research and Observatory Sites:  
**KRISHTALKA**
- 8:30a International context: report from the IBOY meeting  
Donoghue
- 9:00a Center component of BON: Nature of the Center – **BEACH, ARZBERGER, WAIDE**
1. Scope of activities: informatics, genomics, research (tools, protocols, etc), coordination to ensure cross-site compatibility and comparisons; education
  2. Data standards and comparable protocols
  3. Level of support
  4. Center models
- 11:00a BON program: sequence of component RFPs and funding: **HAYDEN**
- 12 Noon Lunch
- 1:30p Governance of BON: **REICHMAN**
- 2:00p Breakout groups: write/print first drafts of three components and distribute to plenary
- 4:00p Reports of three breakout groups to plenary; first iteration discussion and revision
- 5:30p Dinner and libation (work in evening if necessary by selected few to revise breakout reports?)

**Saturday, January 16, 1999**

- 8:00a Continued reports of three breakout groups to plenary; Second iteration discussion and revision
- 10:00a Discussion/resolution of issues still not settled at this point
- 11:00a Scheduling tasks and task assignments to produce final report
- 12:30 Workshop adjourns