

National Biological Assessment
and Criteria Workshop

Advancing State and Tribal Programs



Coeur d'Alene, Idaho
31 March – 4 April, 2003

Index 201

BIOLOGICAL INDEX DEVELOPMENT METHOD: APPLICATIONS

Course Presenters and Contributors

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Biological Index Development Methods: Applications

(Introduction)

Presented by

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Objectives

- Examine the steps of building multimetric and multivariate models in greater detail.
- Provide an understanding of how to apply the steps for one of the two methods of index development.

Reference and Degraded Site Designations (McIntyre)

Environmental data

Taxonomic Data

A priori and *a posteriori*
site classification
(Gerritsen)

Metric Data
(Frydenborg)

Metric Exploration
(Frydenborg)

Select Responsive Metrics
(Blocksom)

Develop Final Multimetric
(Blocksom)

Multimetric

A posteriori
site classification

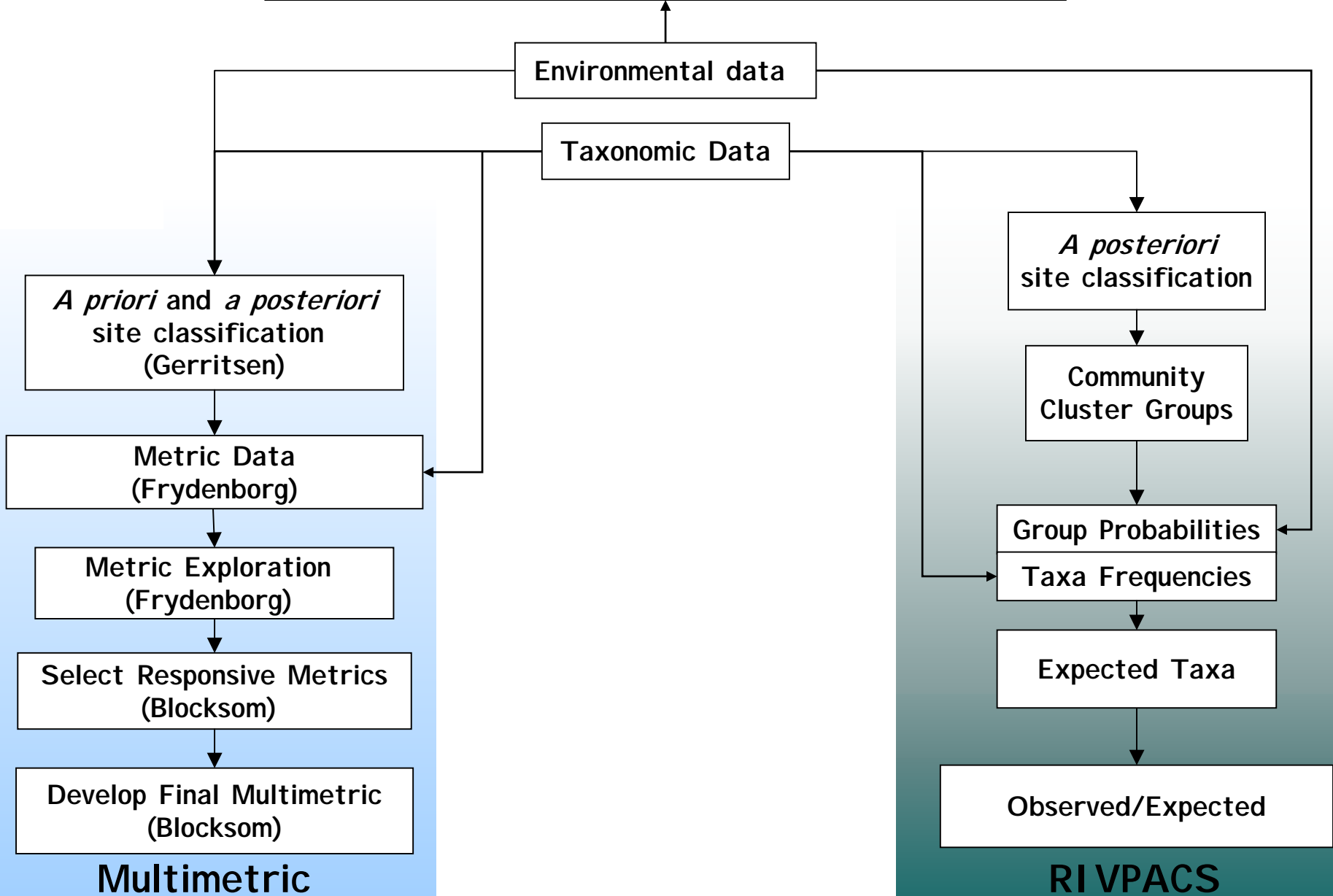
Community
Cluster Groups

Group Probabilities
Taxa Frequencies

Expected Taxa

Observed/Expected

RIVPACS





Why split into 2 groups?

- Time limitations
- Level of detail
- Hands-on activities



Logistics

- 2.5 hours: 2 concurrent sessions
- 15 minutes: Break
- 1 hour: Reconvene for discussion of topics common to both methods