

Mapping Rivers Systems

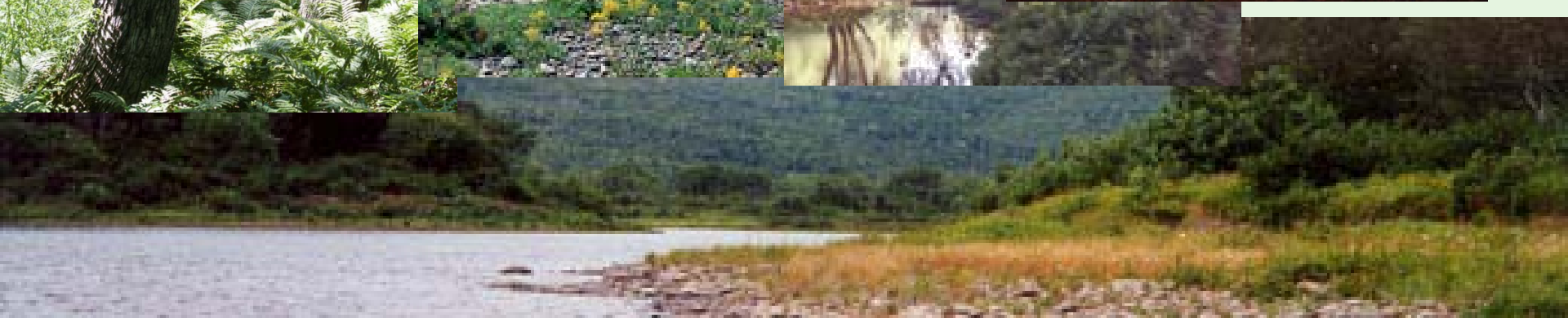
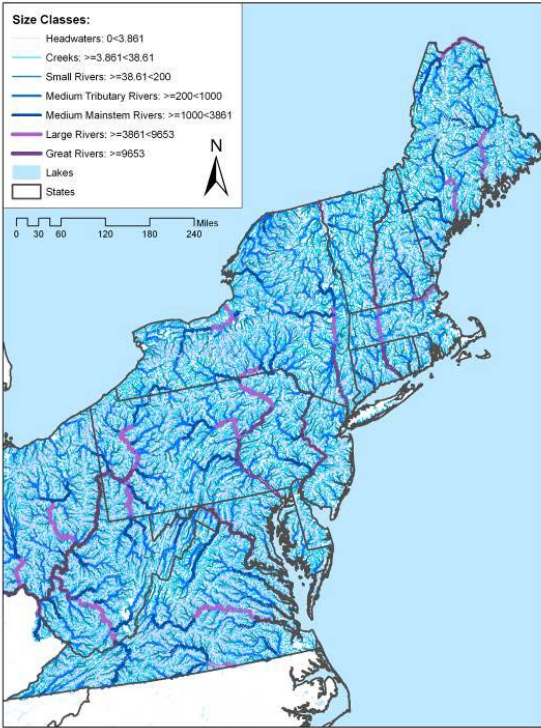




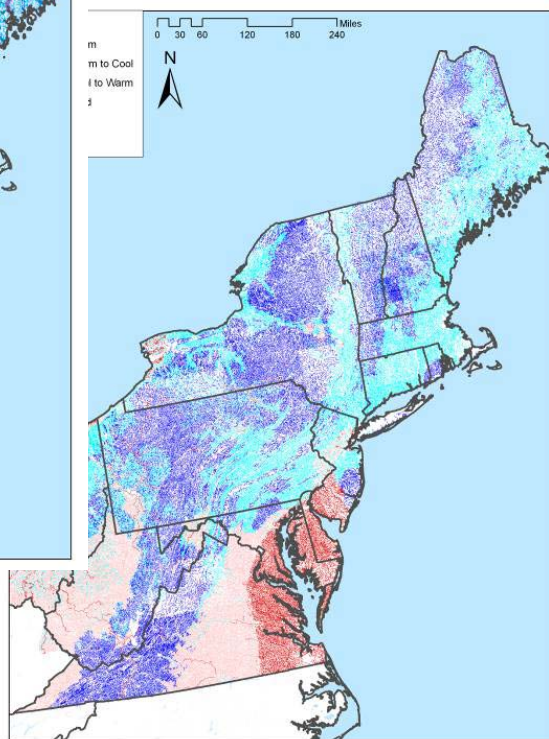
Photo by Brian Harris

Key Habitat Variables

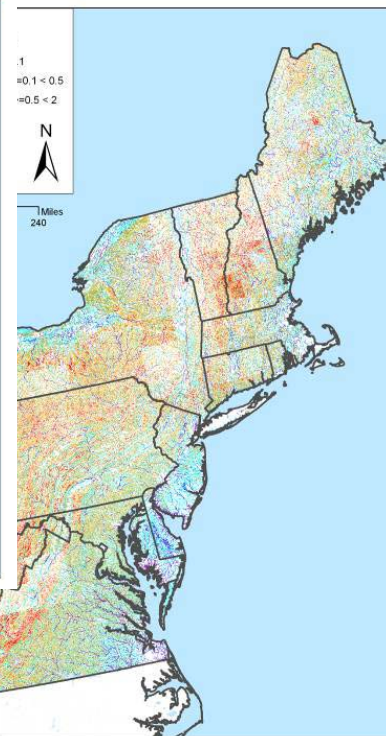
SIZE (Drainage Area)



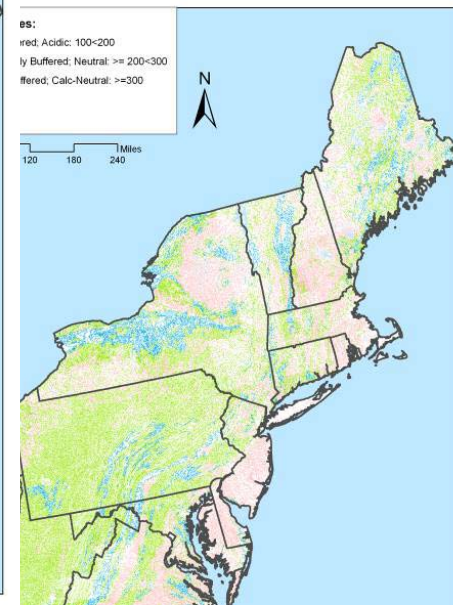
Temperature



Gradient



Geology (pH)



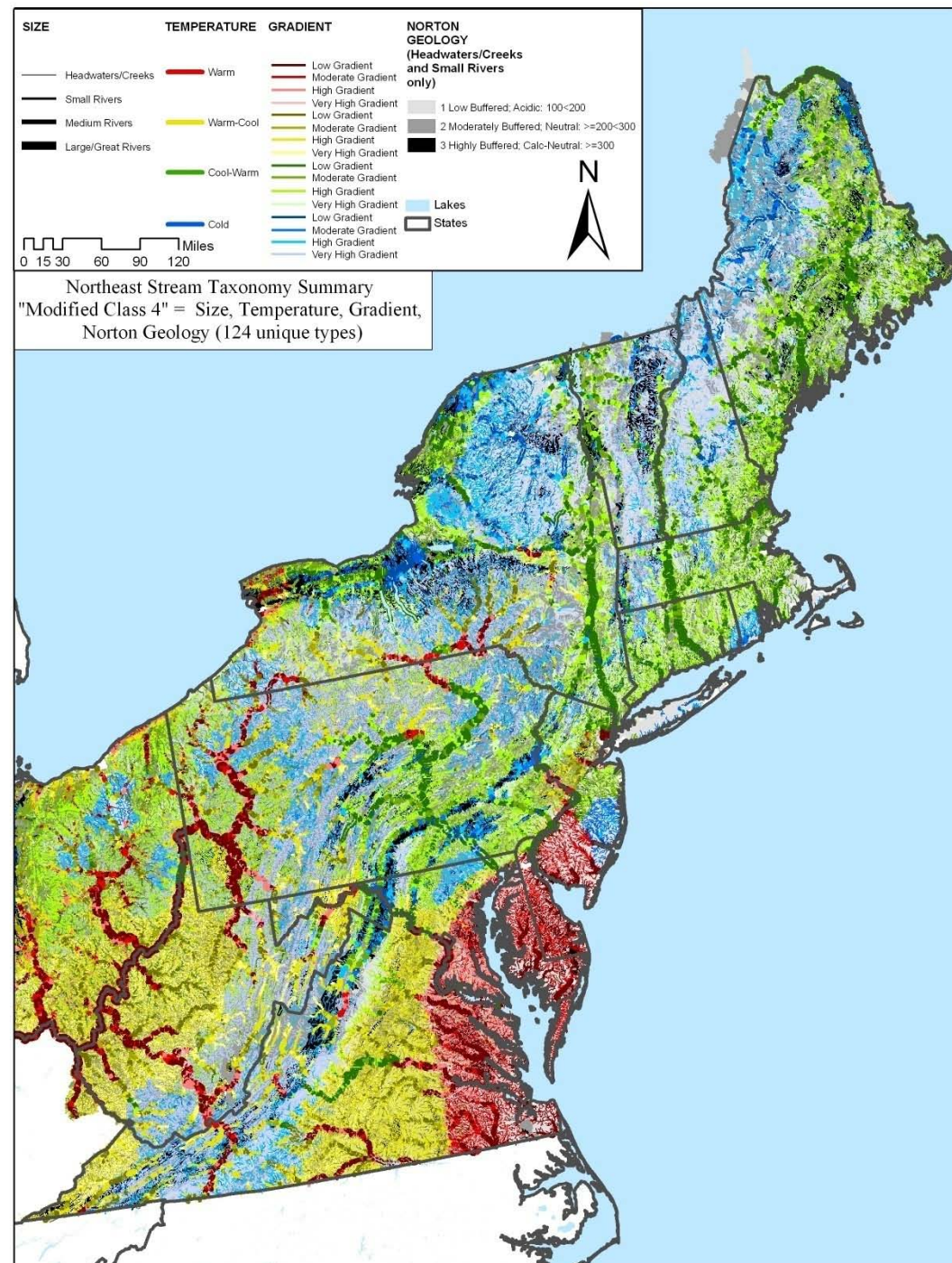
Results
NEAFWA Stream Classification
includes 257 types,

This simplified map groups
them into 96 types.

From
Very high gradient, acidic, cold
headwater creek
(1a_6_1_1)

To
Very low gradient, calcareous,
warm Great River
(5_1_3_3)

Code =
Size, Gradient, Geo, Temp



High gradient acidic cold headwater stream.

Regional Size Class (1b): Northeast Headwaters

Regional Gradient Class

(5): High

Regional Norton Geology Class

(1): Low Buffering Capacity, Acidic

Regional Temperature Class

(1): Cold

1b511:

High gradient acidic cold headwater stream

Linked State Names:

MA Small Streams,

VT Cold headwater acidic streams,

NY Coldwater Stream,

CT Coldwater Stream,

