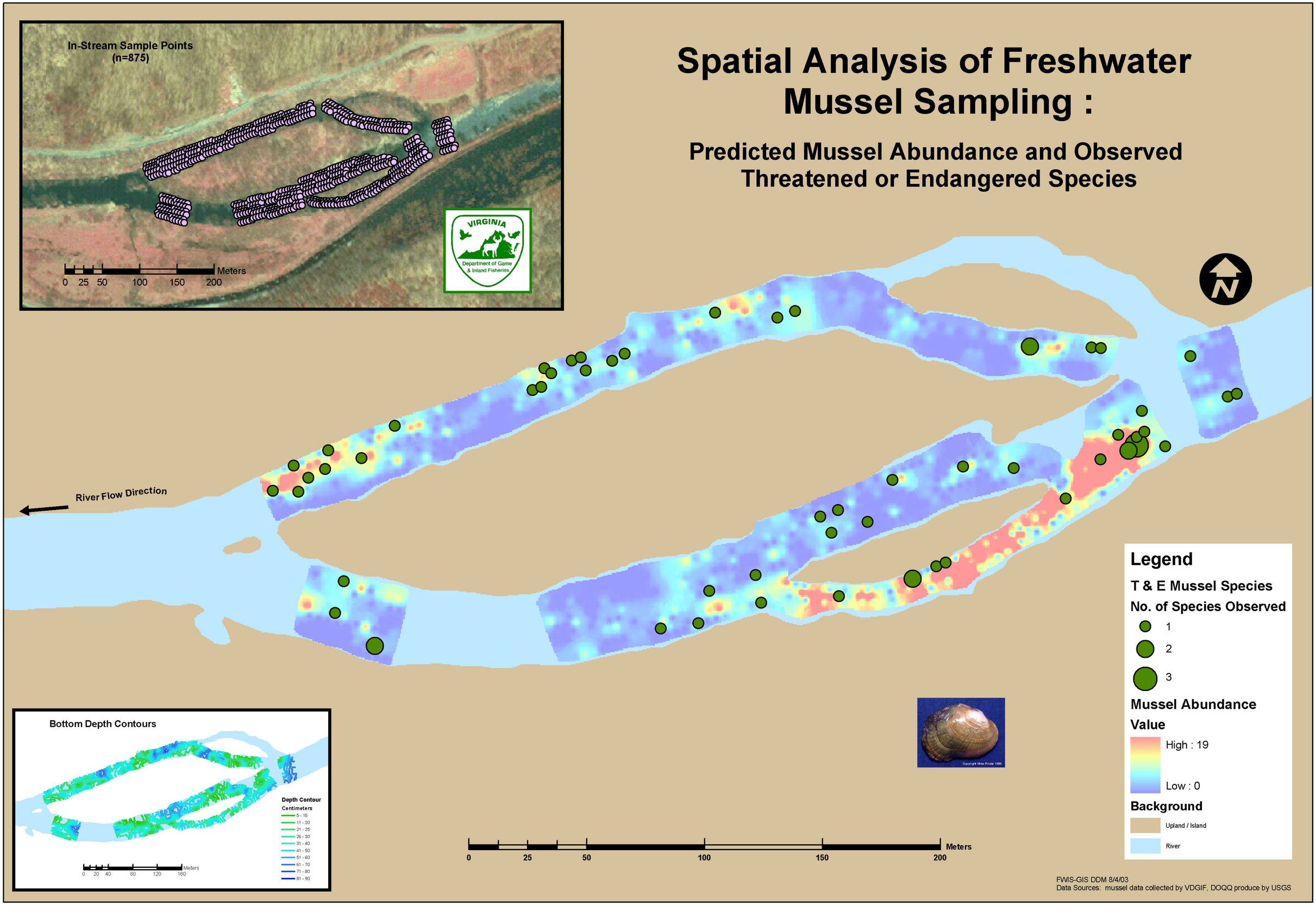

Spatial Analysis of Freshwater Mussel Sampling :
Predicted Mussel Abundance and Observed Threatened or Endangered Species
In-Stream Sample Points (n=875)
Meters
0 25 50 100 150 200
VIRGINIA
Department of Game & Inland Fisheries
River Flow Direction
Legend
T & E Mussel Species
No. of Species Observed
1
2
3
Mussel Abundance Value
High : 19
Low : 0
Background
Upland / Island
River
Bottom Depth Contours
Depth Contour
Centimeters
5 - 10
11 - 20
21 - 25
26 - 30
31 - 40
41 - 50
51 - 60
61 - 70
71 - 80
81 - 90
Meters
0 20 40 80 120 160
0 25 50 100 150 200
Meters
FWIS-GIS DDM 8/4/03
Data Sources: mussel data collected by VDGIF, DOQQ produce by USGS