

# MDC Comprehensive Wildlife Plan Data Development and Delivery

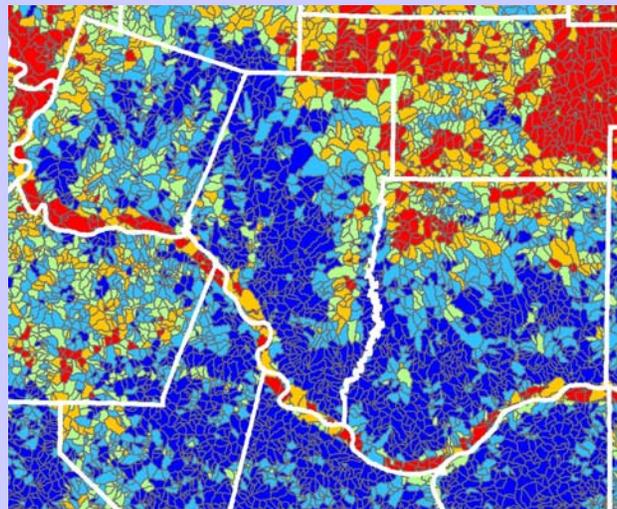
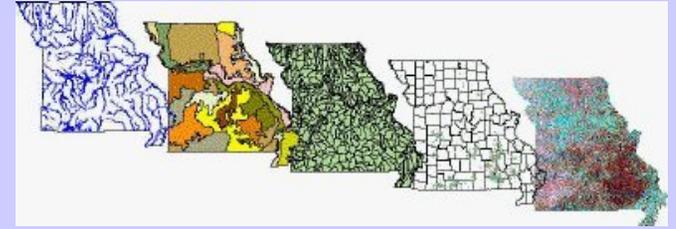


# Data Delivered to MDC

- **Aquatic Data**
- **Revised National Wetlands Inventory (NWI) Data**
- **Opportunity Areas (OAs)**
- **Terrestrial Gap Data**
- **Breeding Bird Atlas (BBA) Grids**
- **Land Use Land Cover (LULC) data**

# Aquatic Data

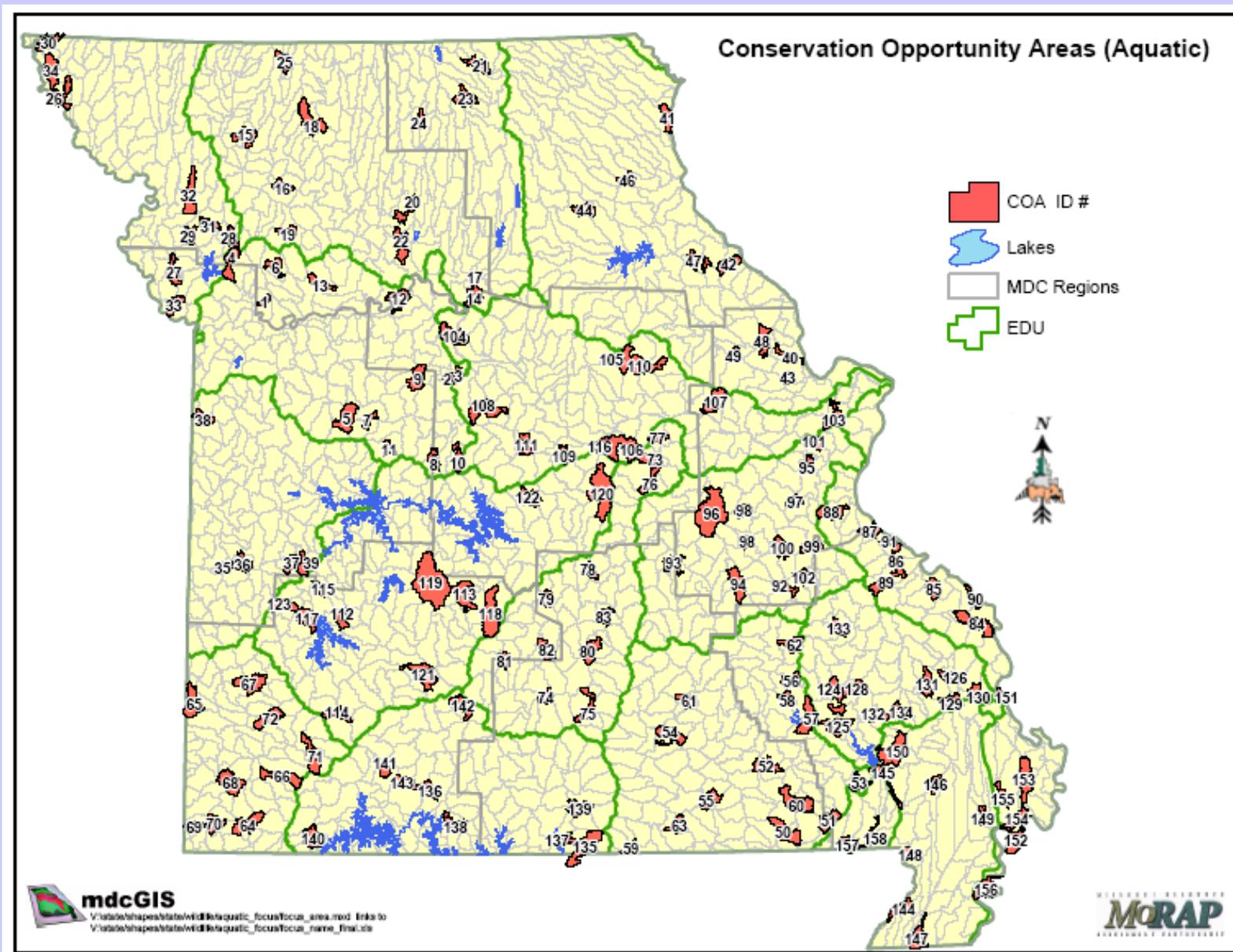
- **Approximately 950 data files**
- **Aquatic GAP data**
  - **Classified streams (VSTs) by Ecological Drainage Unit (EDU)**
  - **All associated biological data, both actual and modeled**
  - **Habitat Affinity write-ups**
  - **Segmentsheds with landscape data summarized**



**Segmentshed Percent Crop**

	0.00000 - 9.46237
	9.46238 - 27.64761
	27.64762 - 47.98170
	47.98171 - 71.54595
	71.54596 - 100.00000

- Priority Conservation Opportunity Areas (COAs)



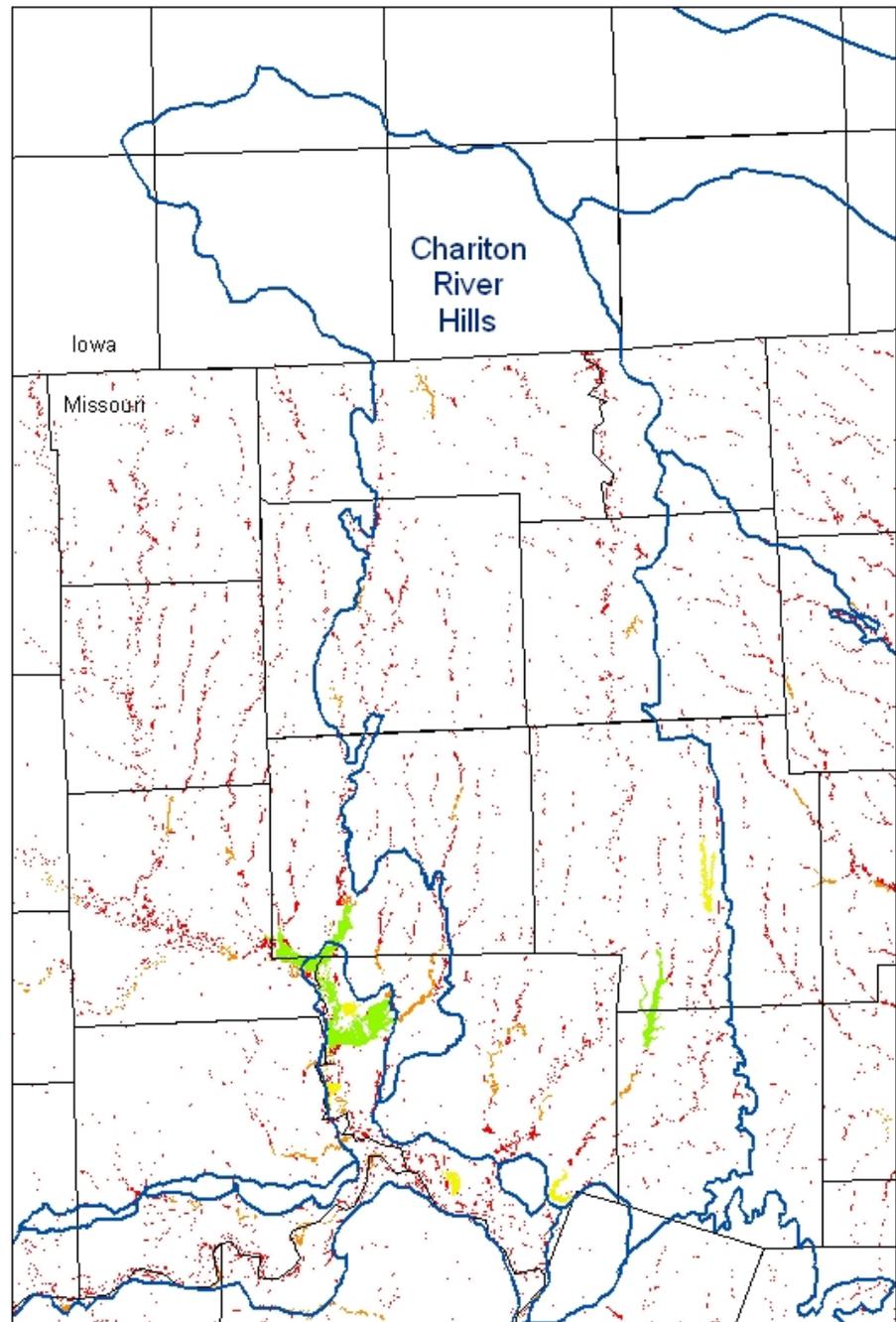
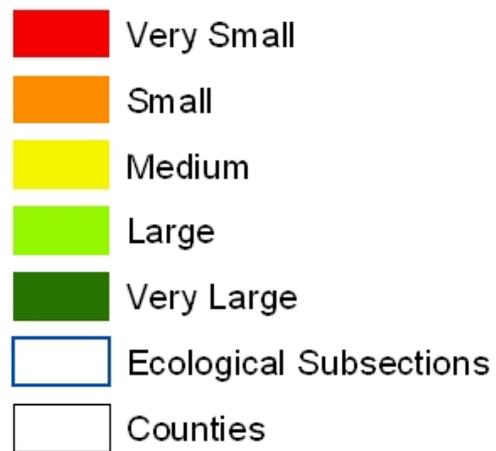
# National Wetlands Inventory (NWI) Data

- **Updated NWI naming convention**
  - Provided new names based on vegetation, water regime, and natural v. human-made

PUB/ABGhx	Human-made Open Pond
PUB/EMF	Shallow Marsh
PUB/EMGh	Deep Marsh
PUB/FO1A	Forested Wetland

- **Reduced data volume by identifying wetland complexes**
- **Created grids of NWI density and variety**

## Wetland Complexes Ranked by Size



### NWI Density



High : 1316665

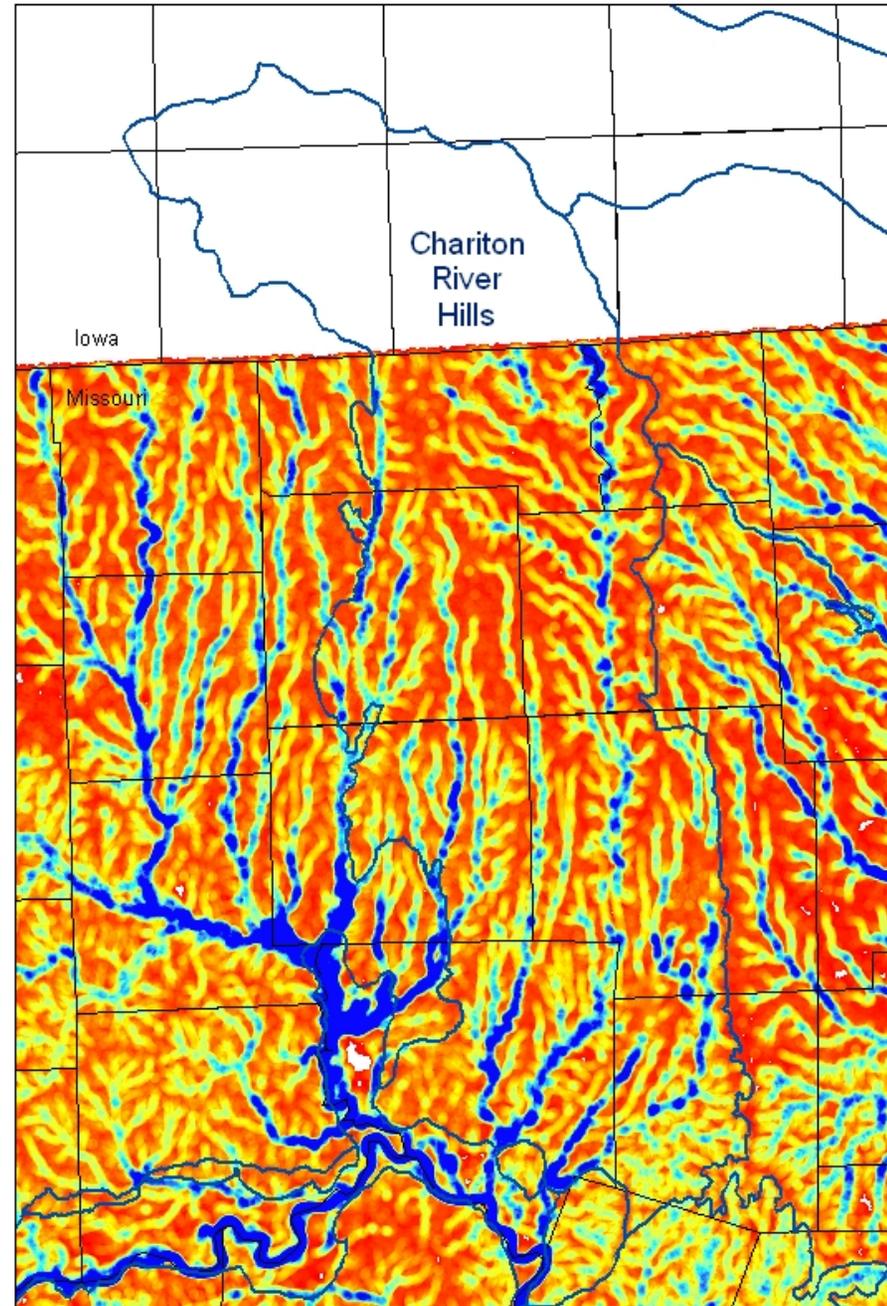
Low : 4



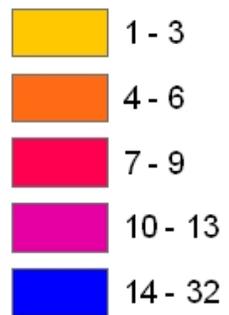
Ecological Subsections



Counties

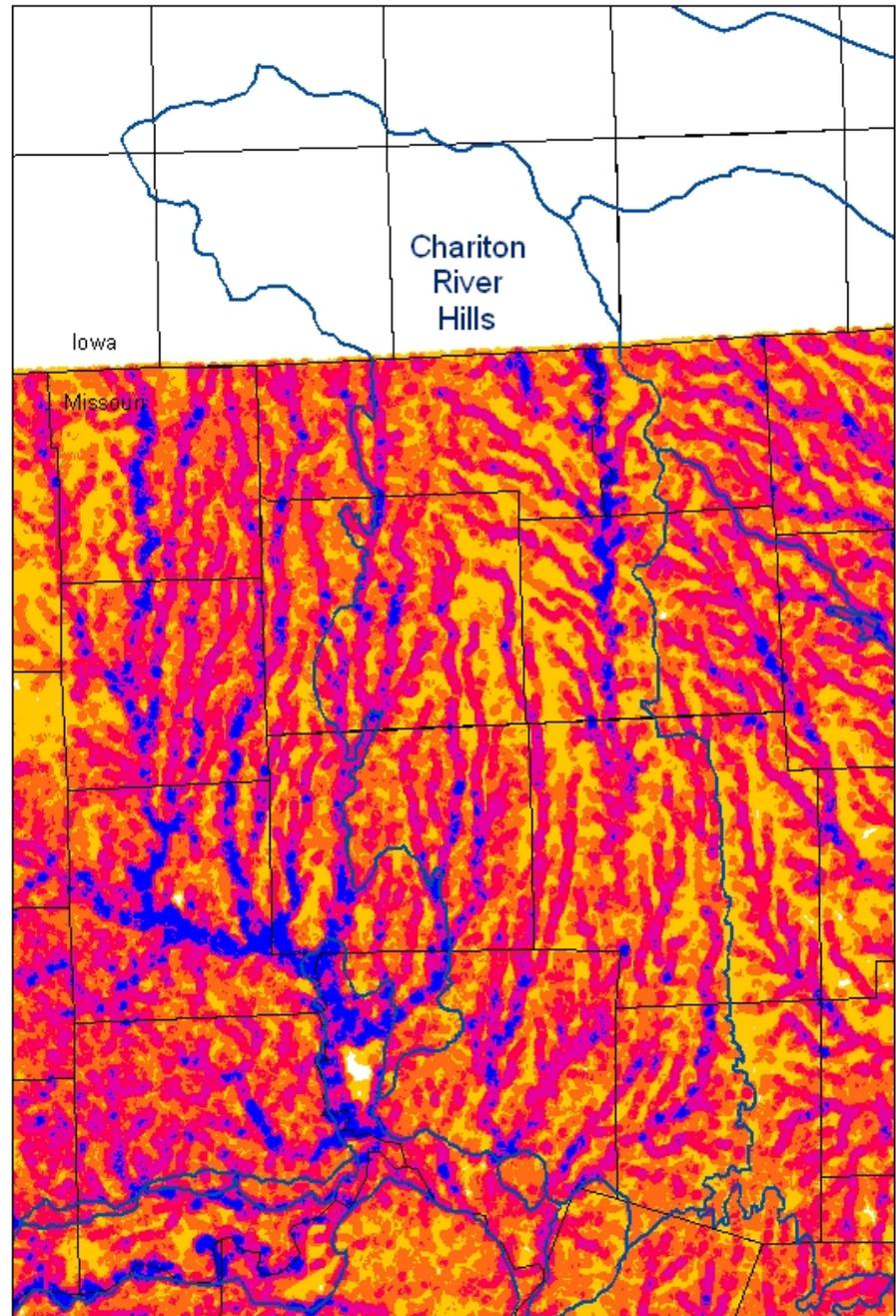


### NWI Variety



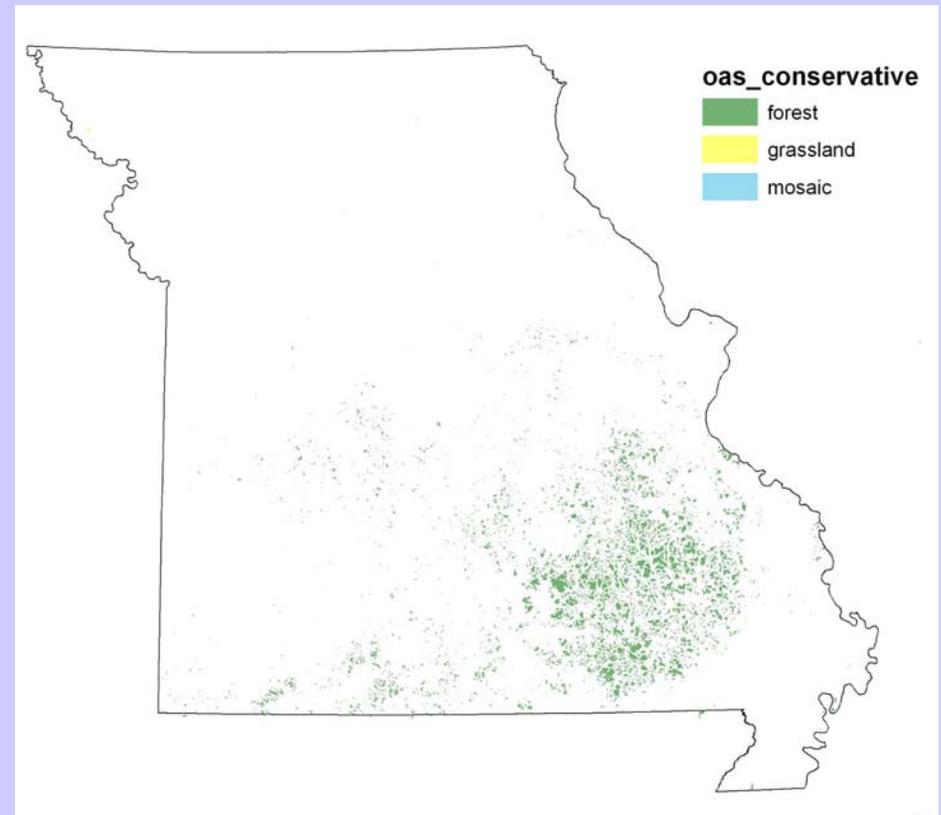
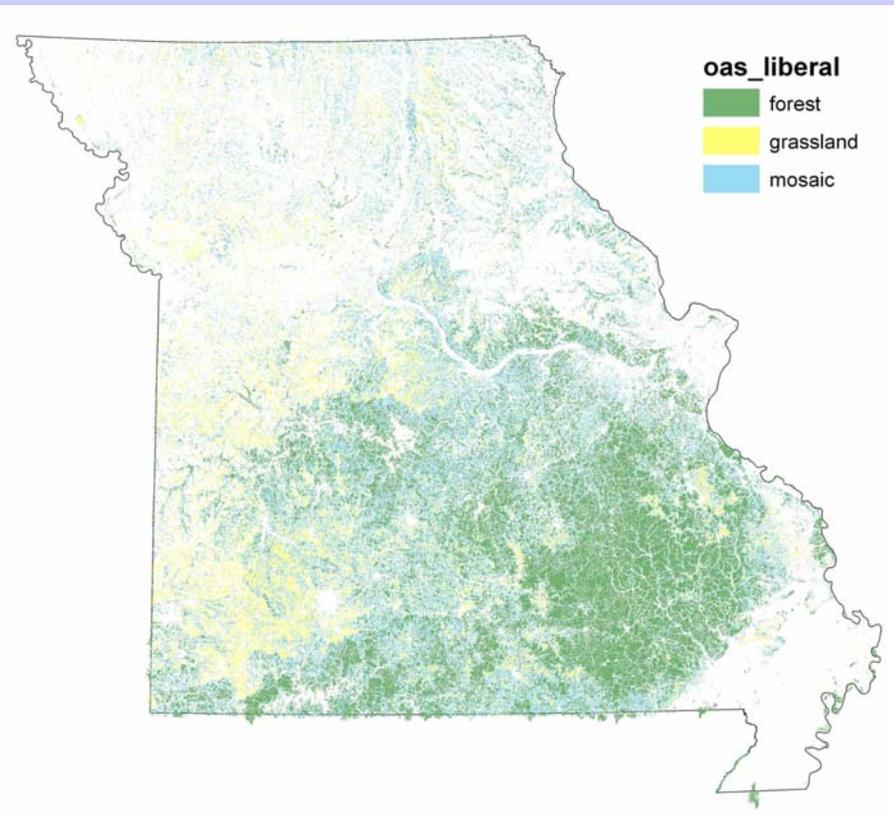
 Ecological Subsections

 Counties



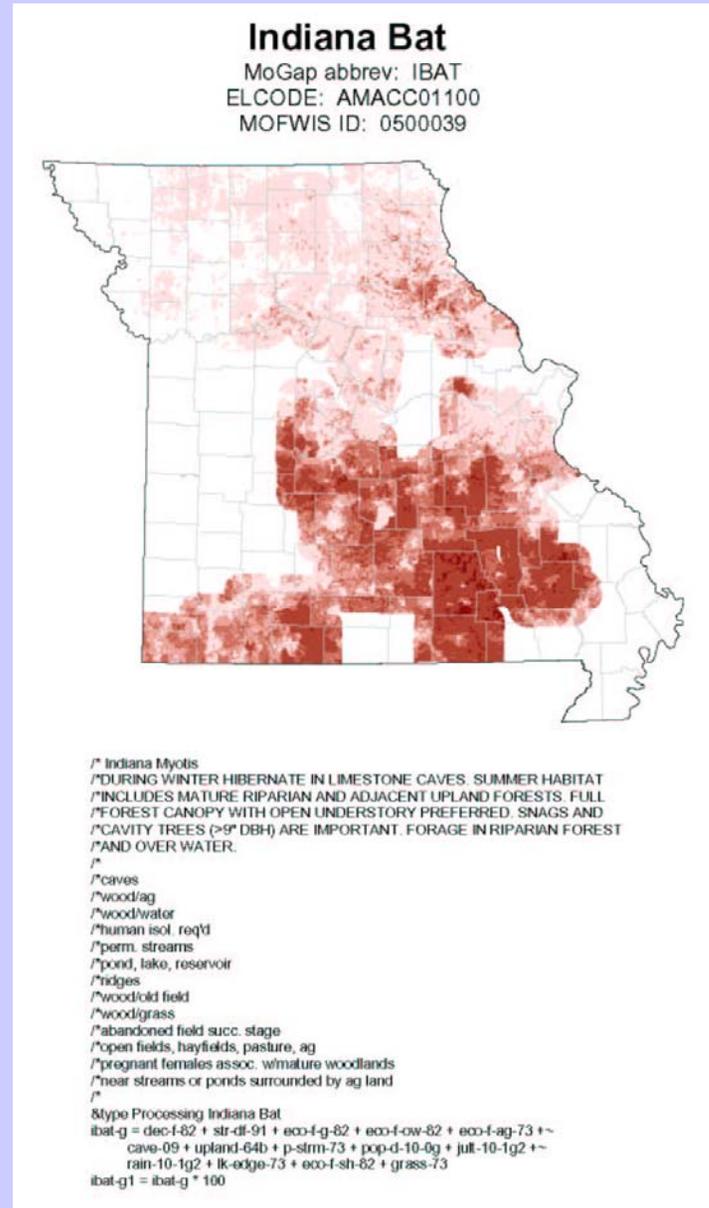
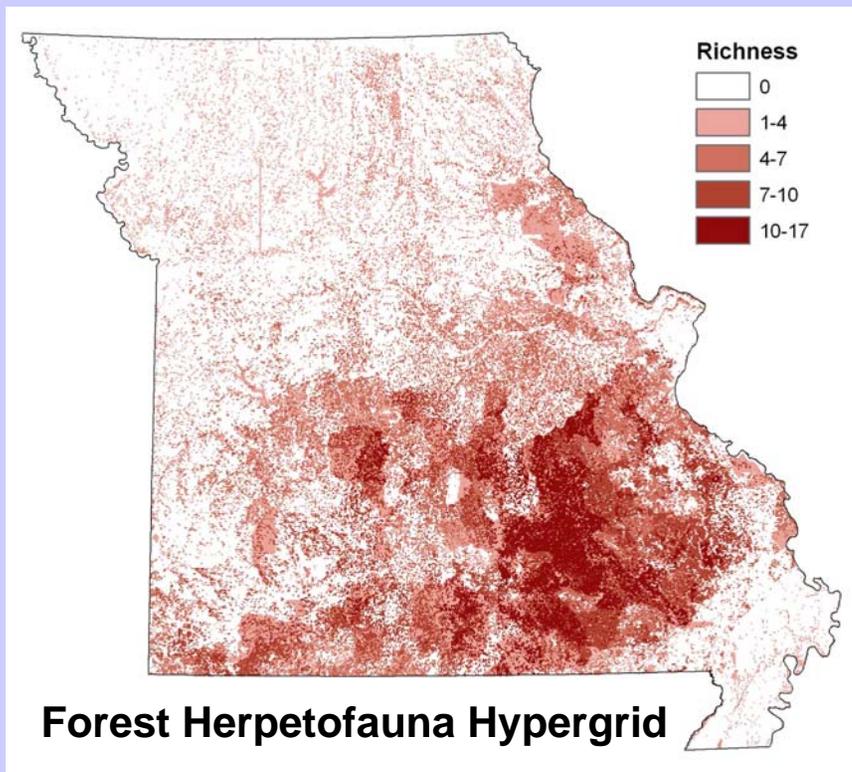
# Opportunity Areas (OAs)

- Liberal and Conservative OAs for forest, grassland, and mosaic landscapes



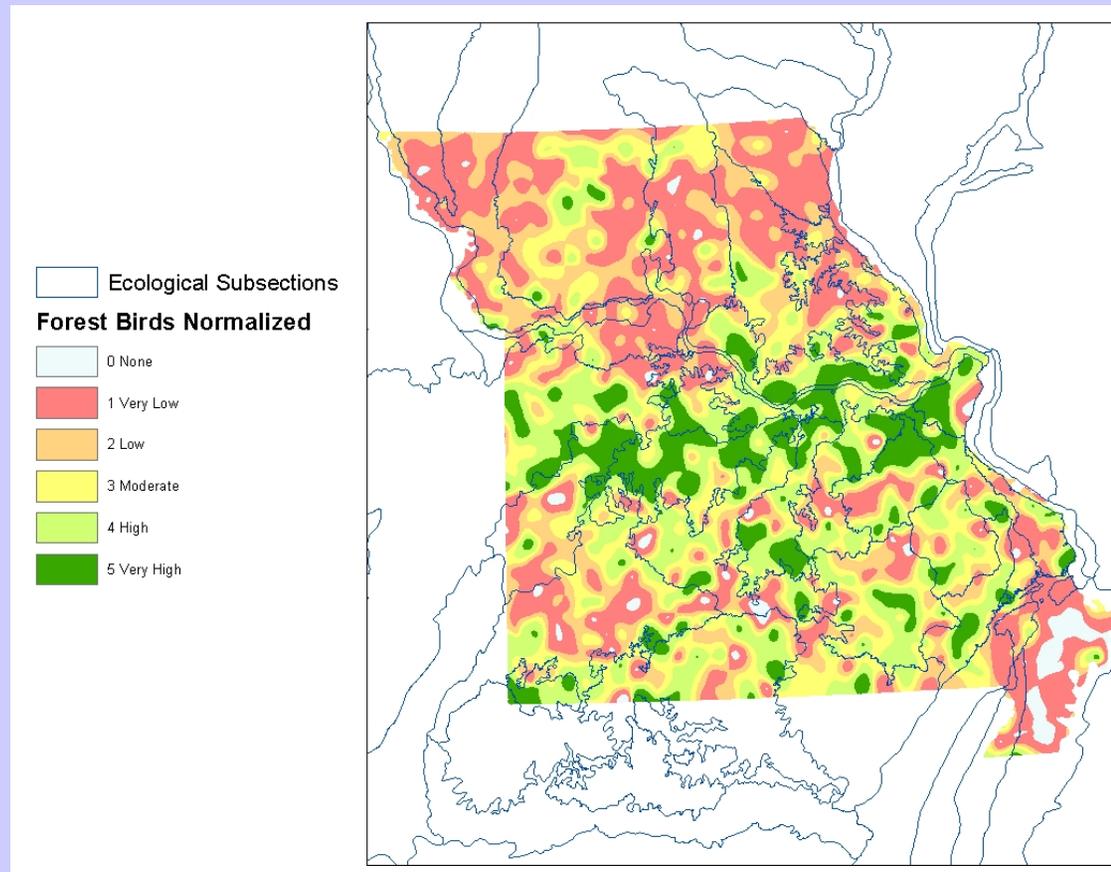
# Terrestrial GAP Data

- Species Range Maps
- Hypergrids by habitat type



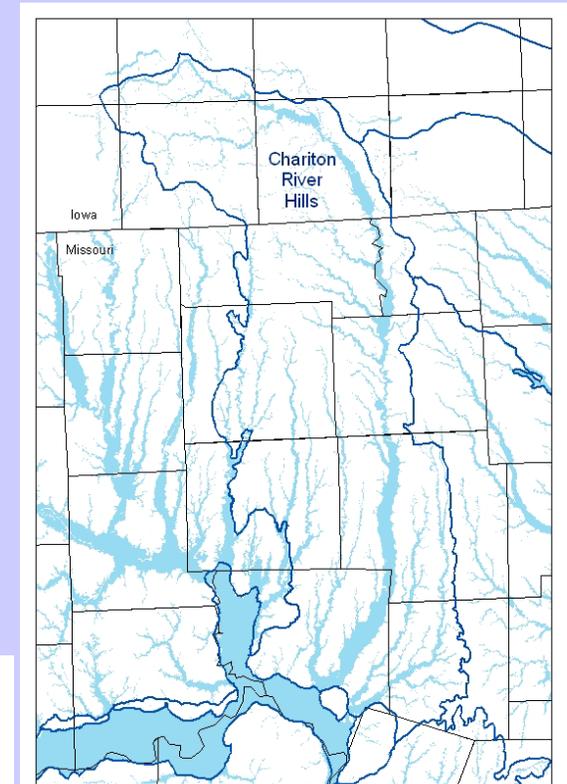
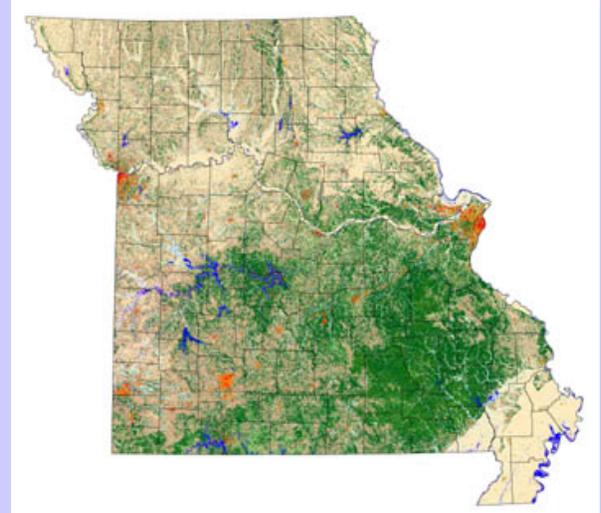
# Breeding Bird Atlas (BBA) Data

- Richness grids of priority birds by grassland, forest, shrub-savanna, and wetland habitats



# Land Use Land Cover (LULC)

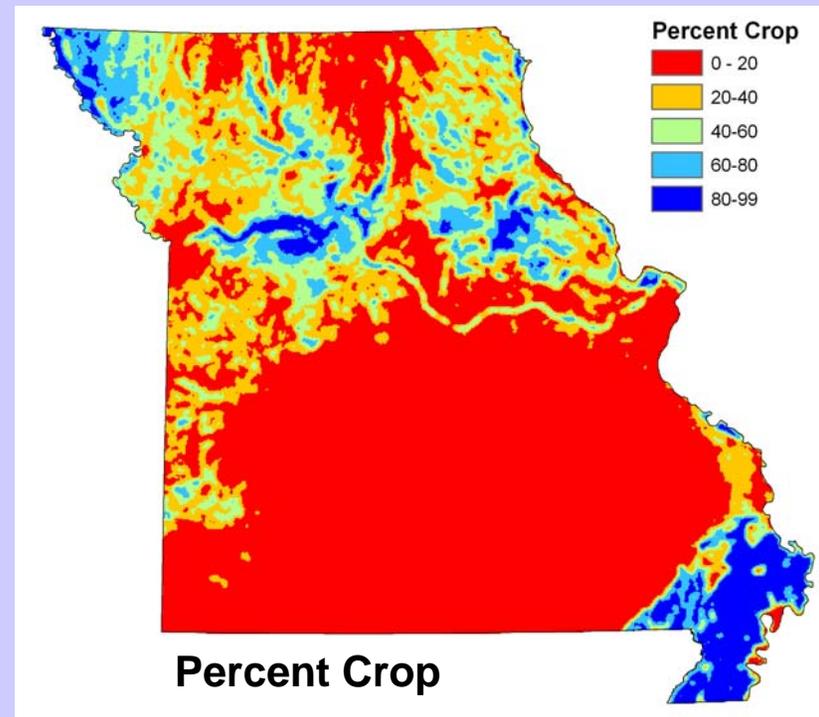
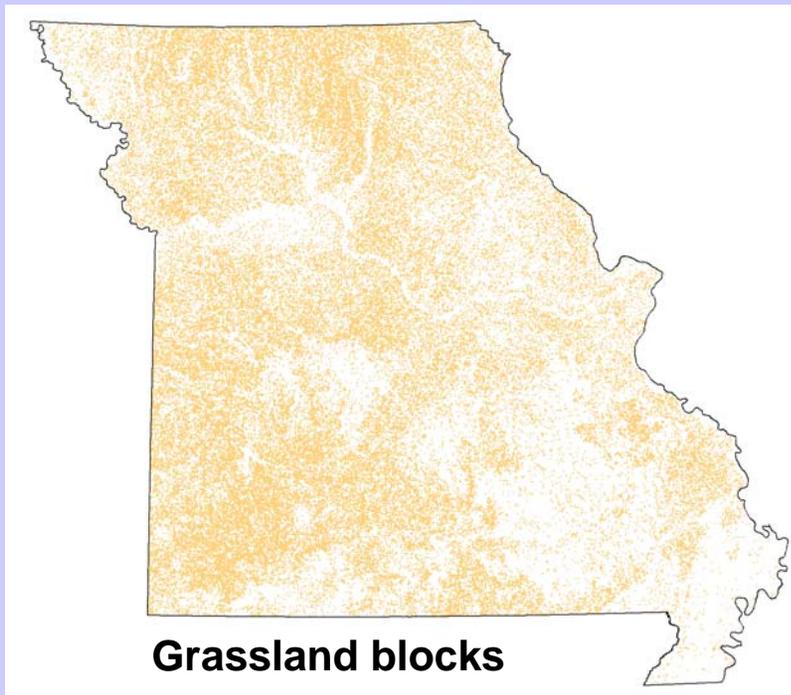
- Revised 1992 LULC with remodeled water and wetlands
- Floodplains data layer
- Statewide 1992 LULC with new SW Missouri and floodplains burned in



- Floodplain
- Ecological Subsections
- Counties

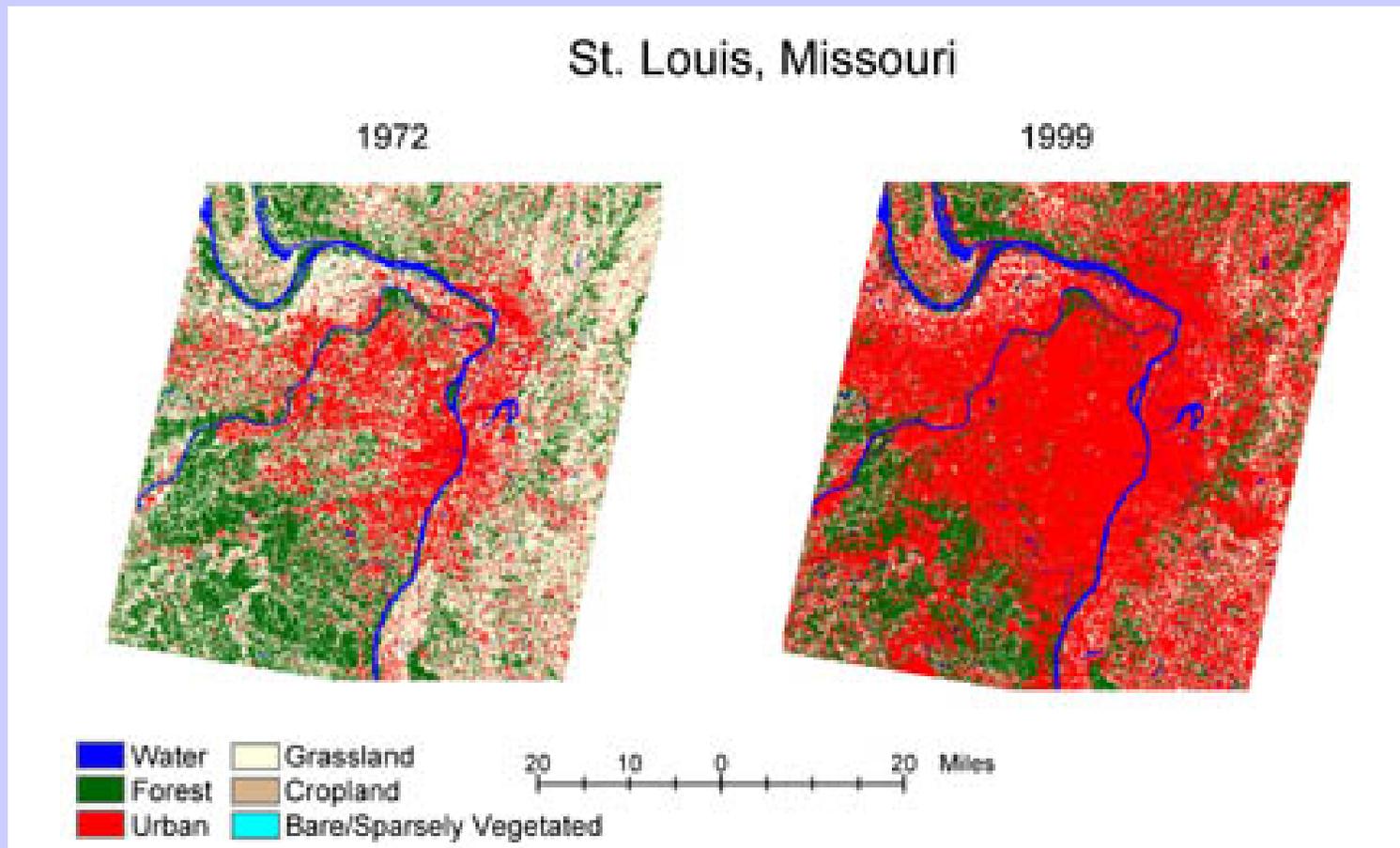
# Land Use Land Cover (LULC)

- Block size grids for forest, grassland, and mosaic land cover types
- Percent land cover type grids



# Land Use Land Cover (LULC)

- Urban Change for St Louis, Kansas City, and Springfield



# Land Use Land Cover (LULC)

- **Still to deliver (Dec. 2004)**
  - New 2000 LULC
  - Updated percent land cover type grids