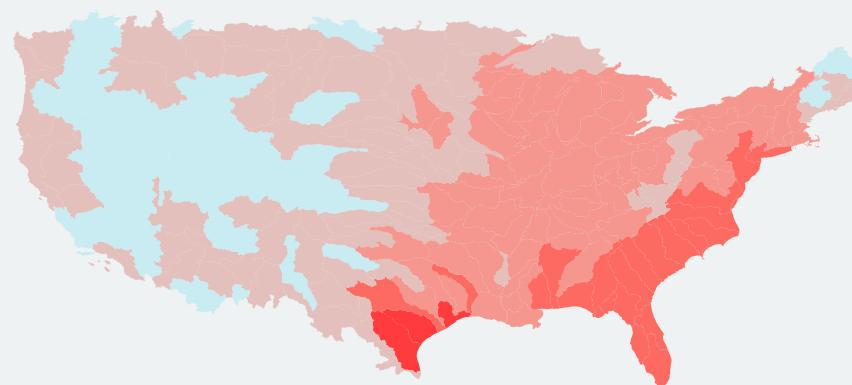


# FISH\* FAMILY RICHNESS V. SPECIES RICHNESS IN THE CONTIGUOUS US

values show a positive linear relationship across scales

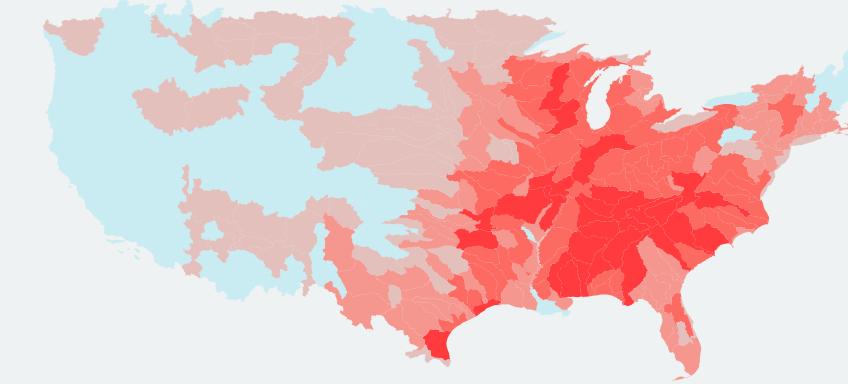
FAMILY RICHNESS

SUBREGION

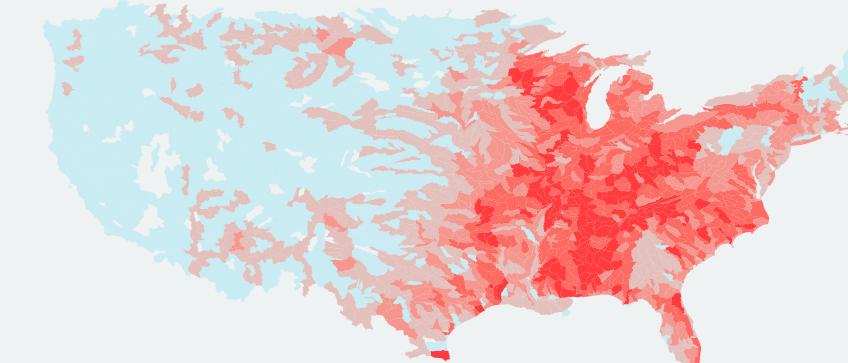
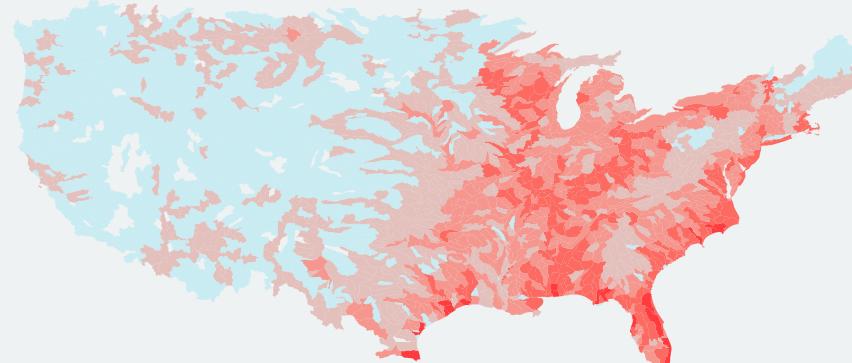


SPECIES RICHNESS

BASIN



SUBBASIN



POORER

RICHER

FAMILY V. SPECIES

300

200

100

0

$R^2 = 0.72$   
 $P < 0.001$

200

100

0

$R^2 = 0.68$   
 $P < 0.001$

200

150

100

0

$R^2 = 0.76$   
 $P < 0.001$

SCALE  
coarser

finer

\* fish occurrence data from the Ichthymaps database