

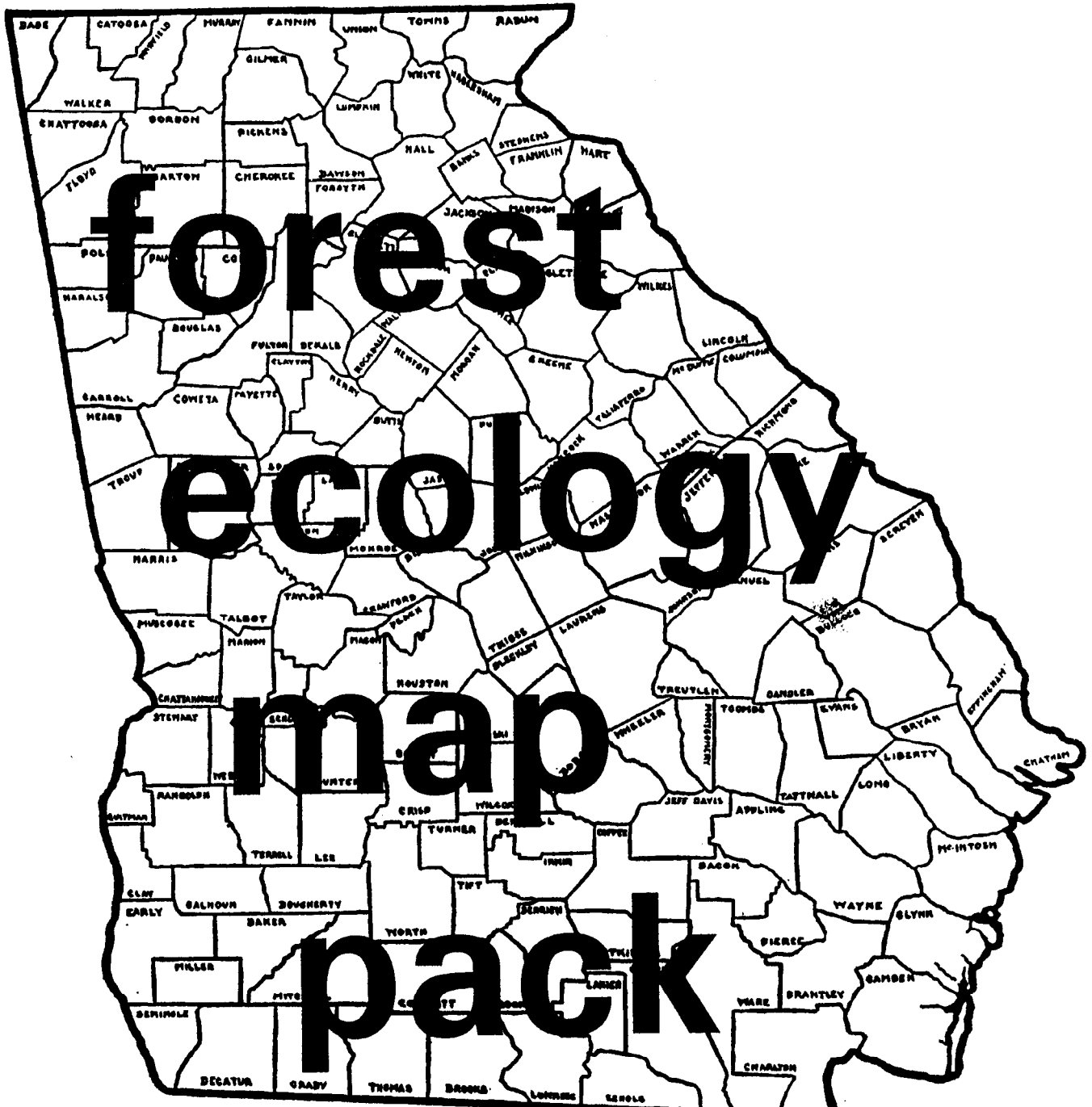


The University of Georgia

THE UNIVERSITY OF GEORGIA COOPERATIVE EXTENSION SERVICE FOREST RESOURCES PUBLICATION FOR96-1

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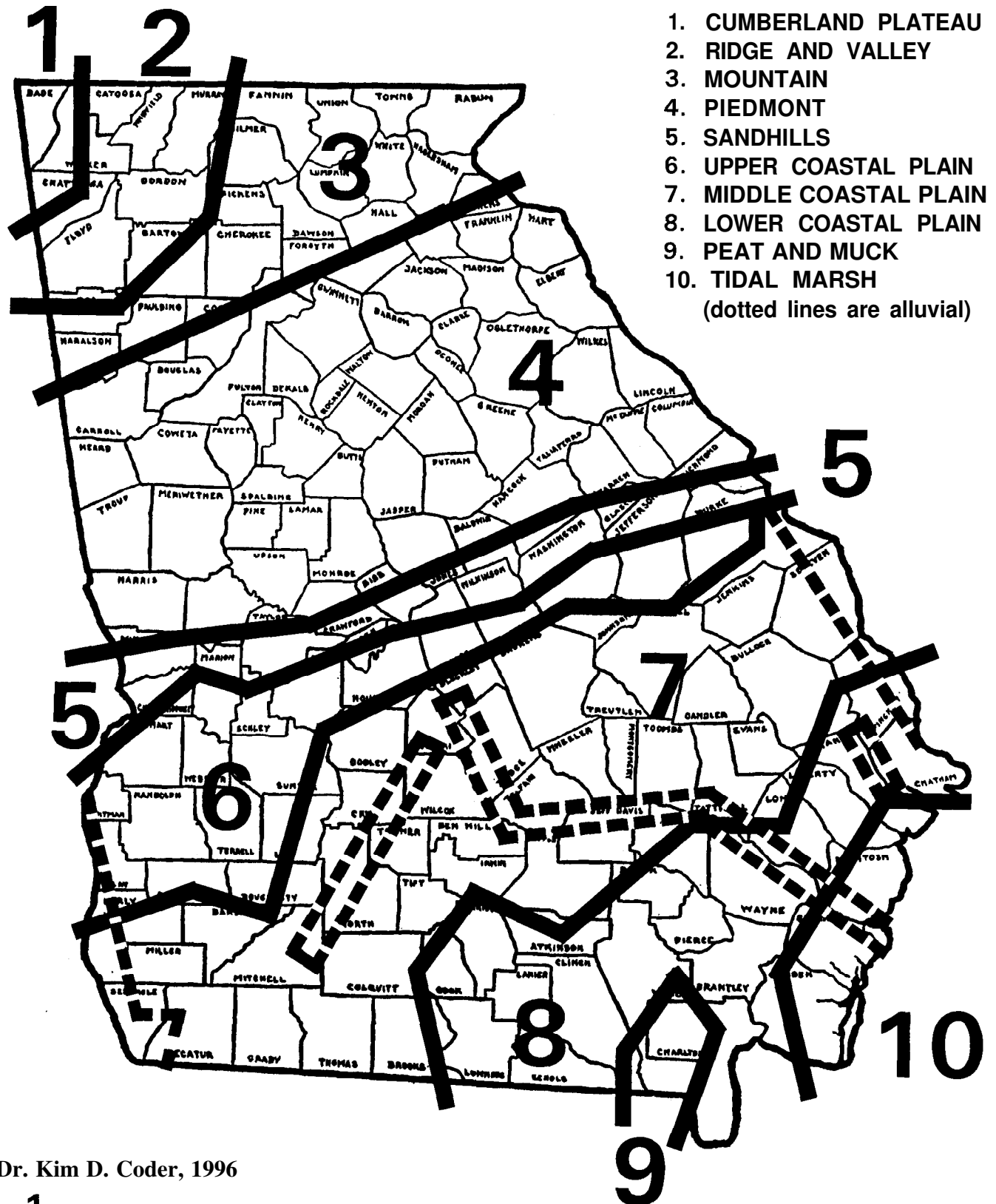


by Dr. Kim D. Coder



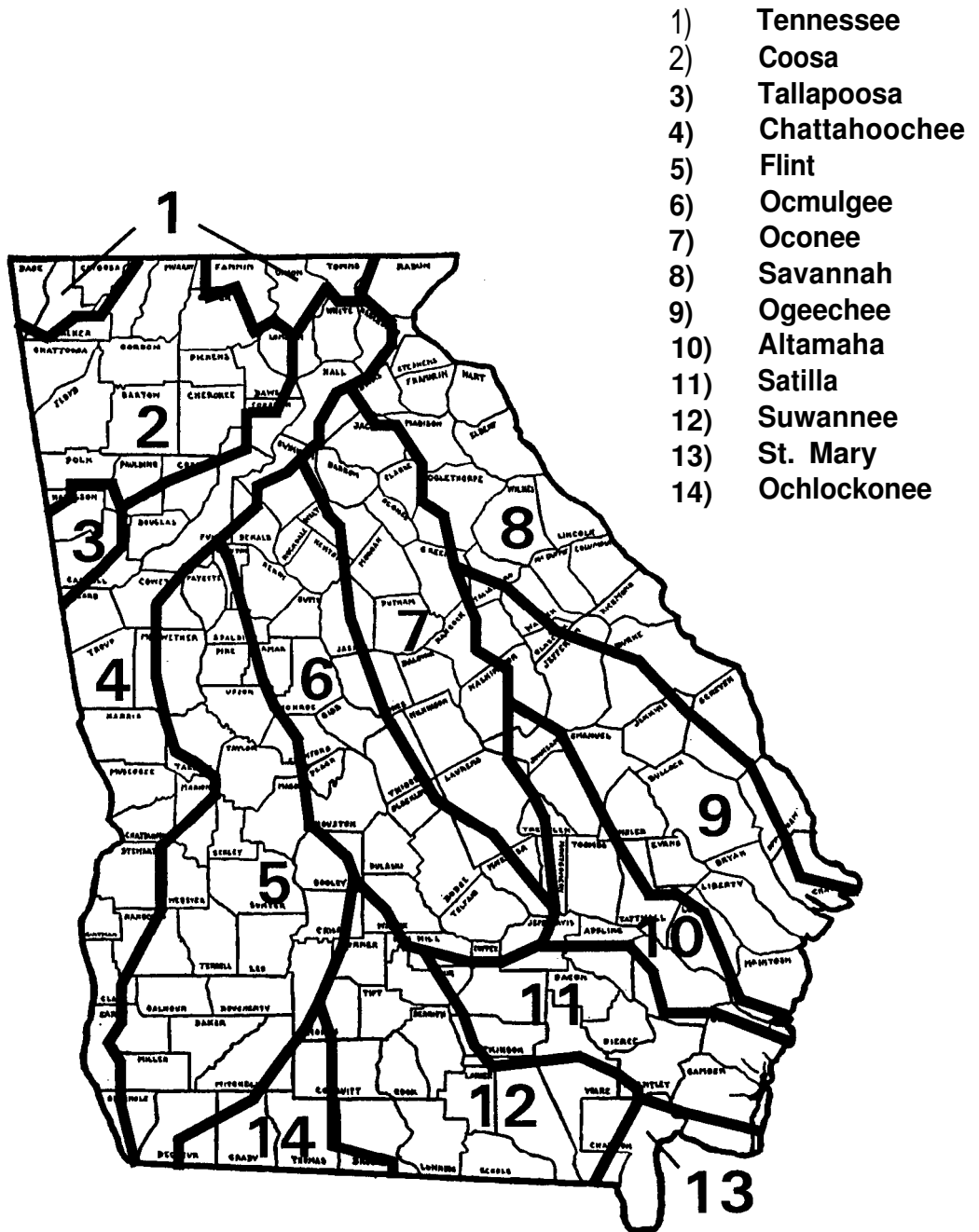
FEB. 1996

MAJOR SOIL AREAS IN GEORGIA



Dr. Kim D. Coder, 1996

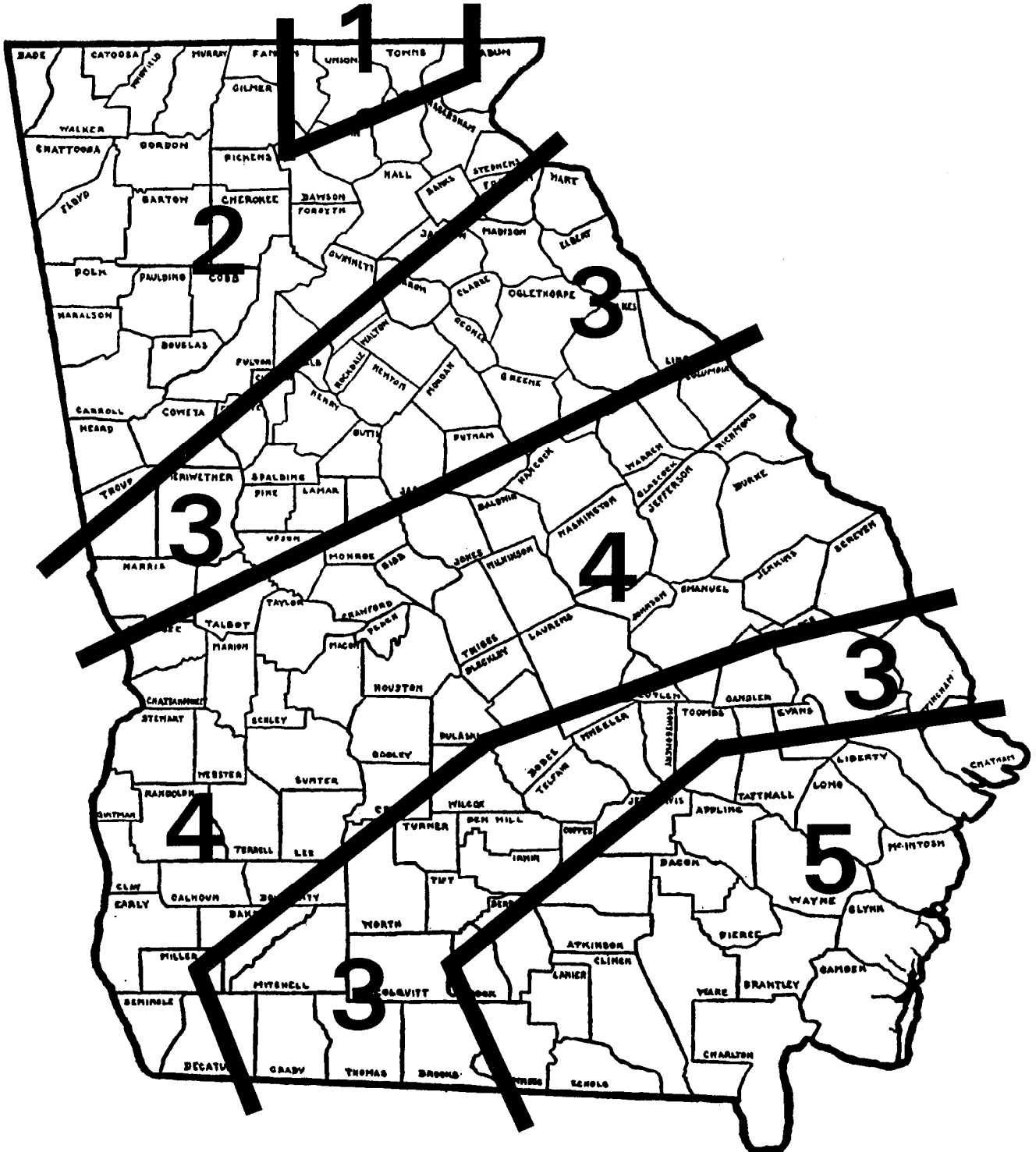
MAJOR WATERSHEDS OF GEORGIA



- 1) Tennessee
- 2) Coosa
- 3) Tallapoosa
- 4) Chattahoochee
- 5) Flint
- 6) Ocmulgee
- 7) Oconee
- 8) Savannah
- 9) Ogeechee
- 10) Altamaha
- 11) Satilla
- 12) Suwannee
- 13) St. Mary
- 14) Ochlockonee

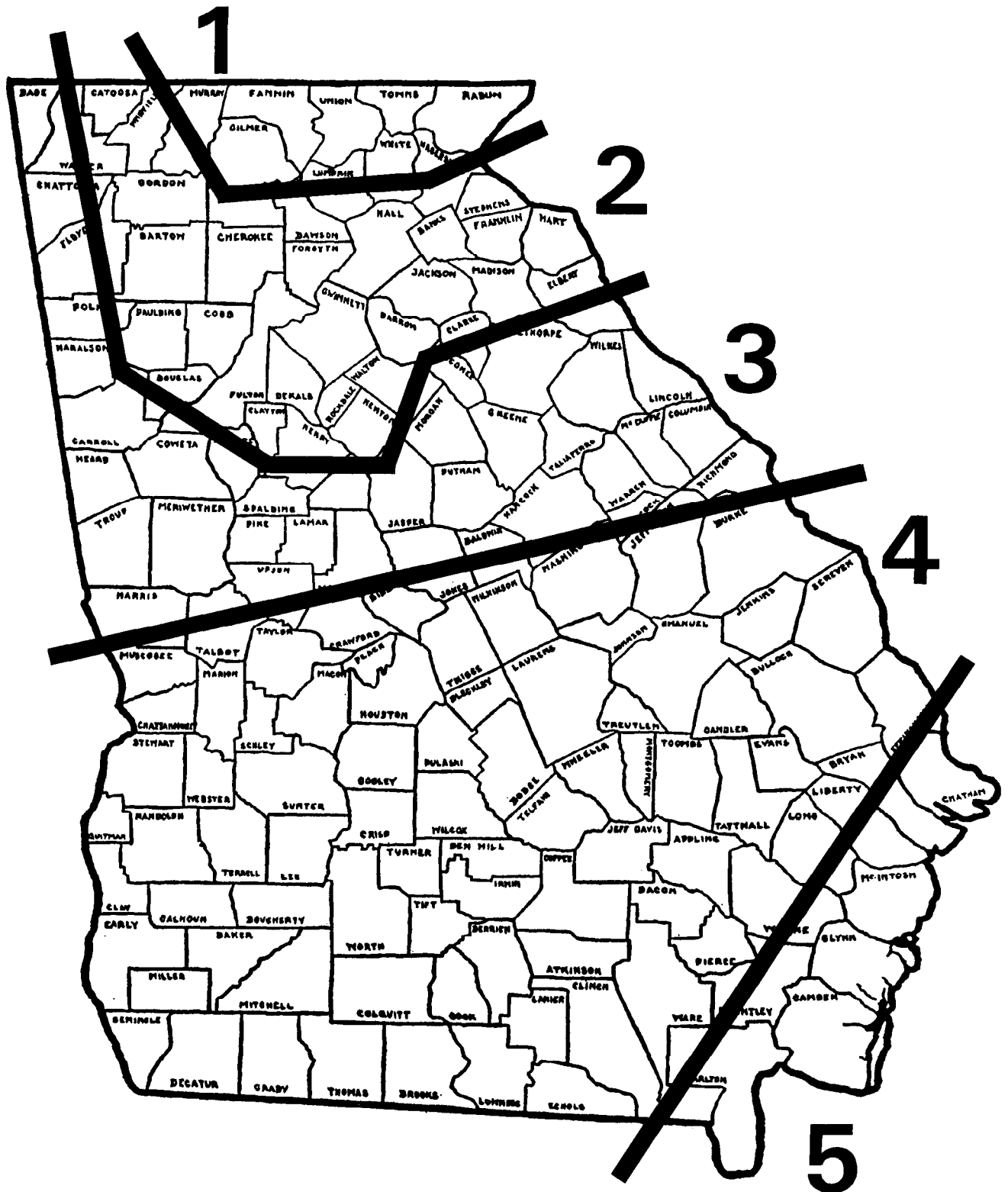
SOLAR RADIATION ZONE ANALYSIS IN GEORGIA

(30 years of data by cluster analysis)



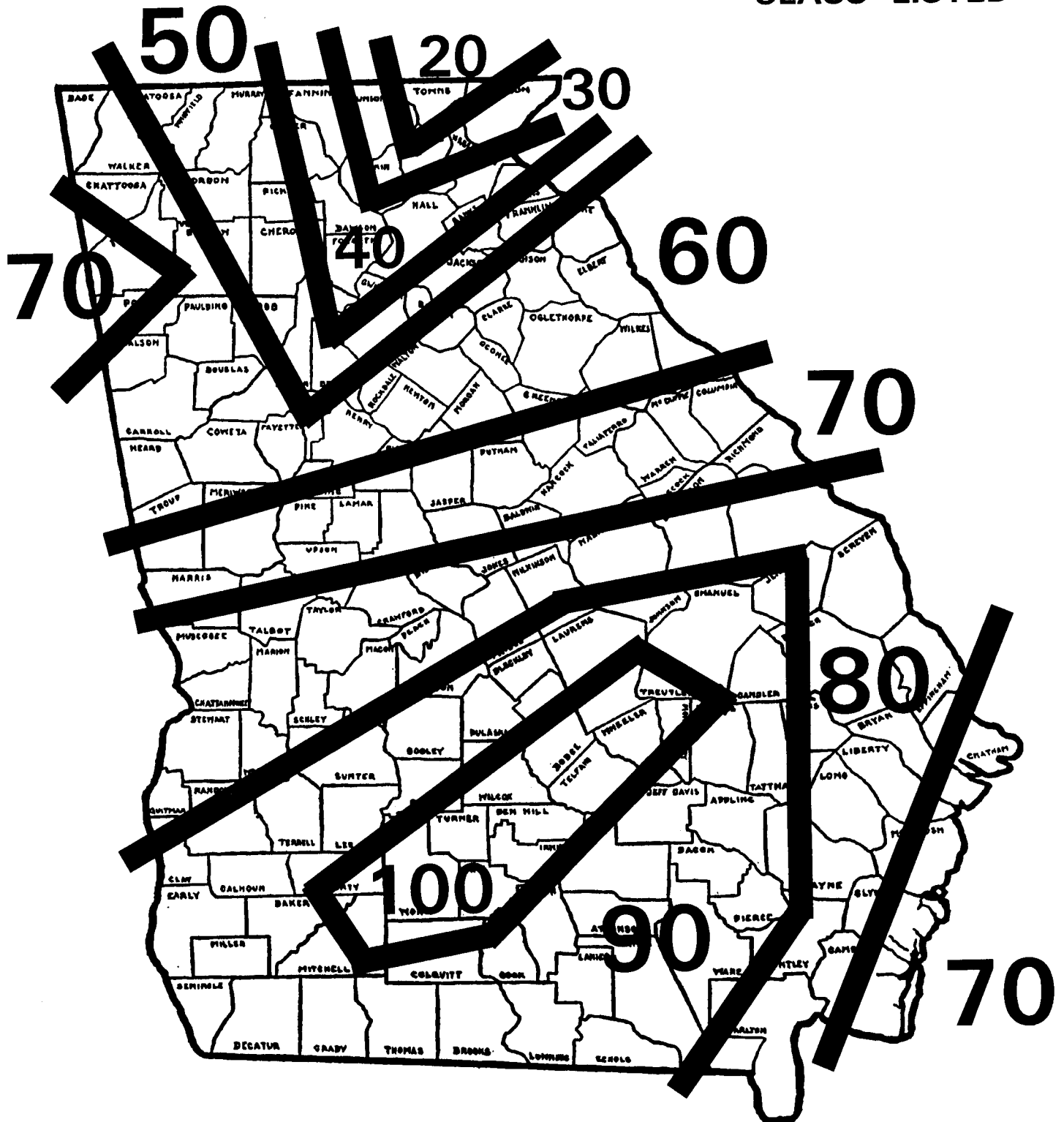
TEMPERATURE ZONE ANALYSIS IN GEORGIA

(30 years of data by cluster analysis)



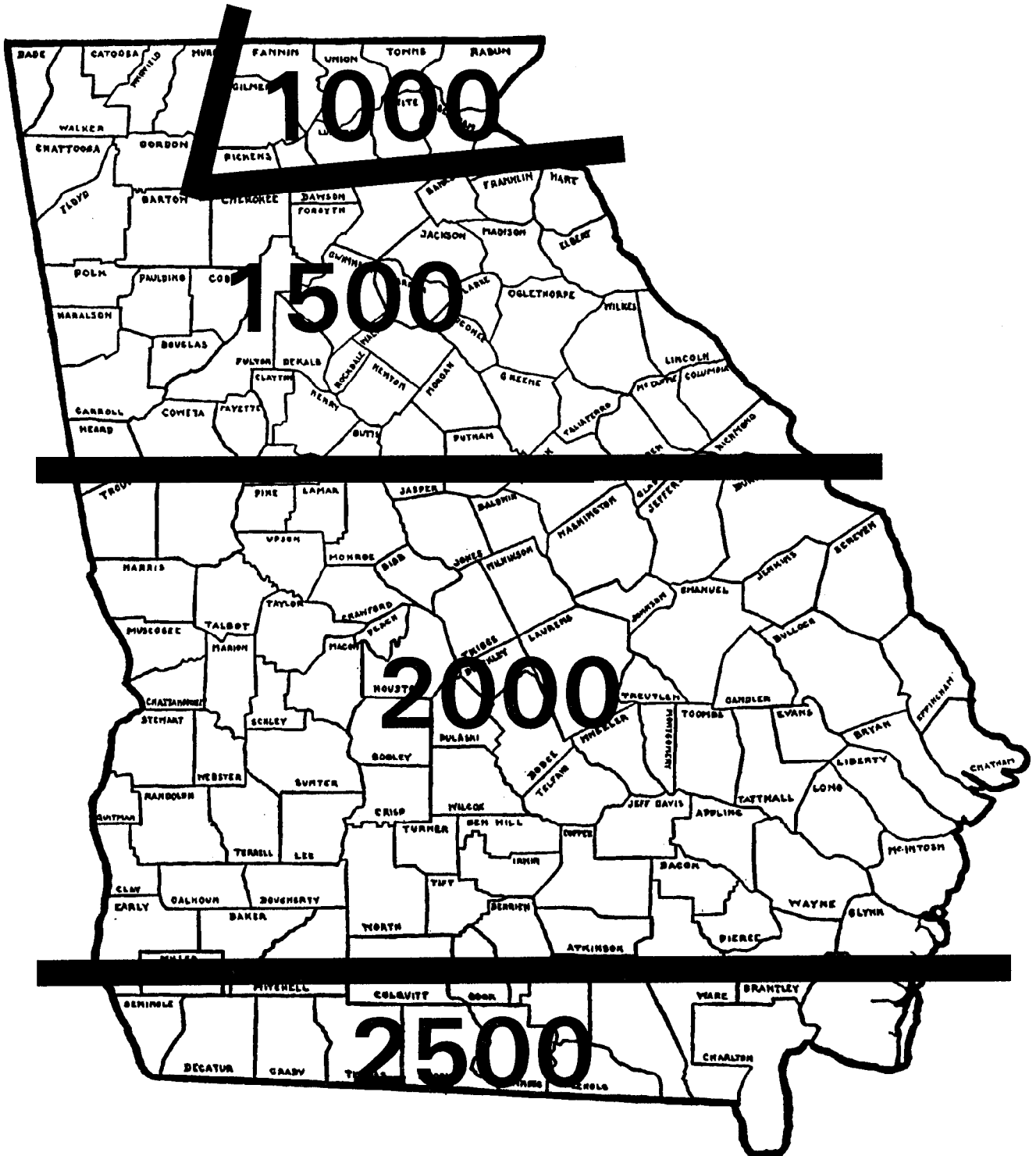
AVERAGE DAYS ABOVE 90°F

NEXT HIGHEST CLASS LISTED



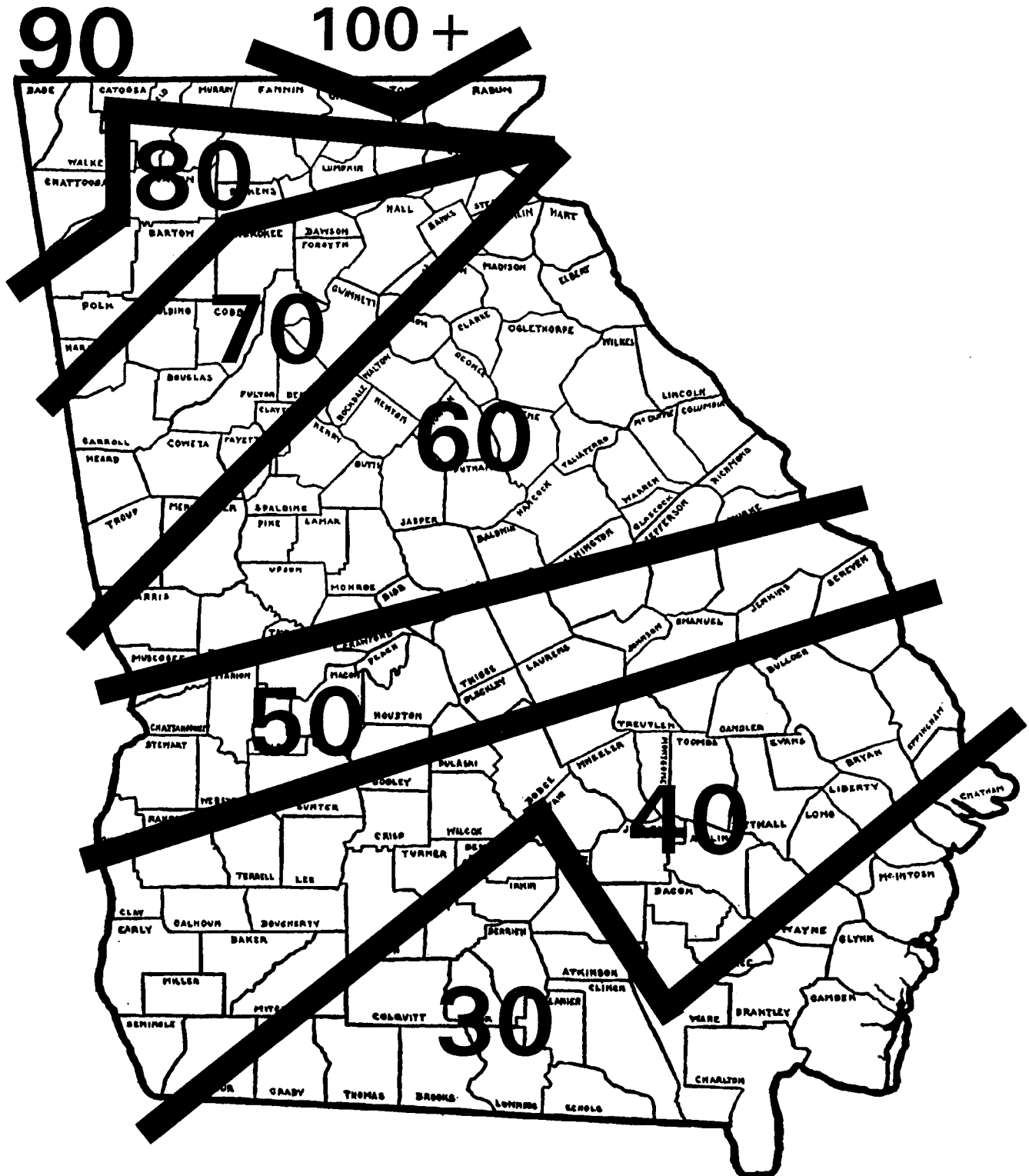
AVERAGE COOLING DEGREE DAYS

BASE 65°F
ANNUAL TOTALS



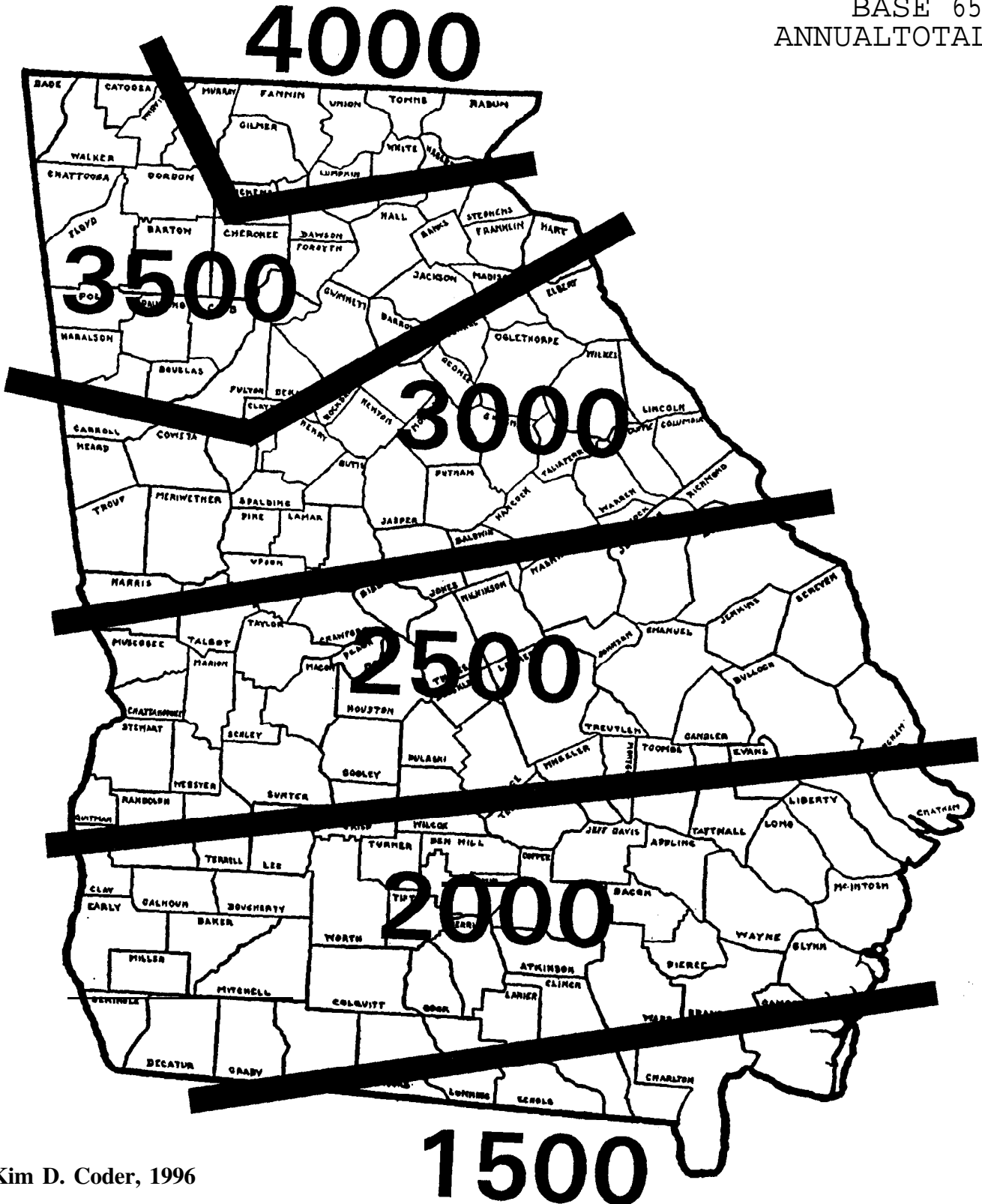
AVERAGE DAYS BELOW 32°F

NEXT HIGHEST
CLASS LISTED



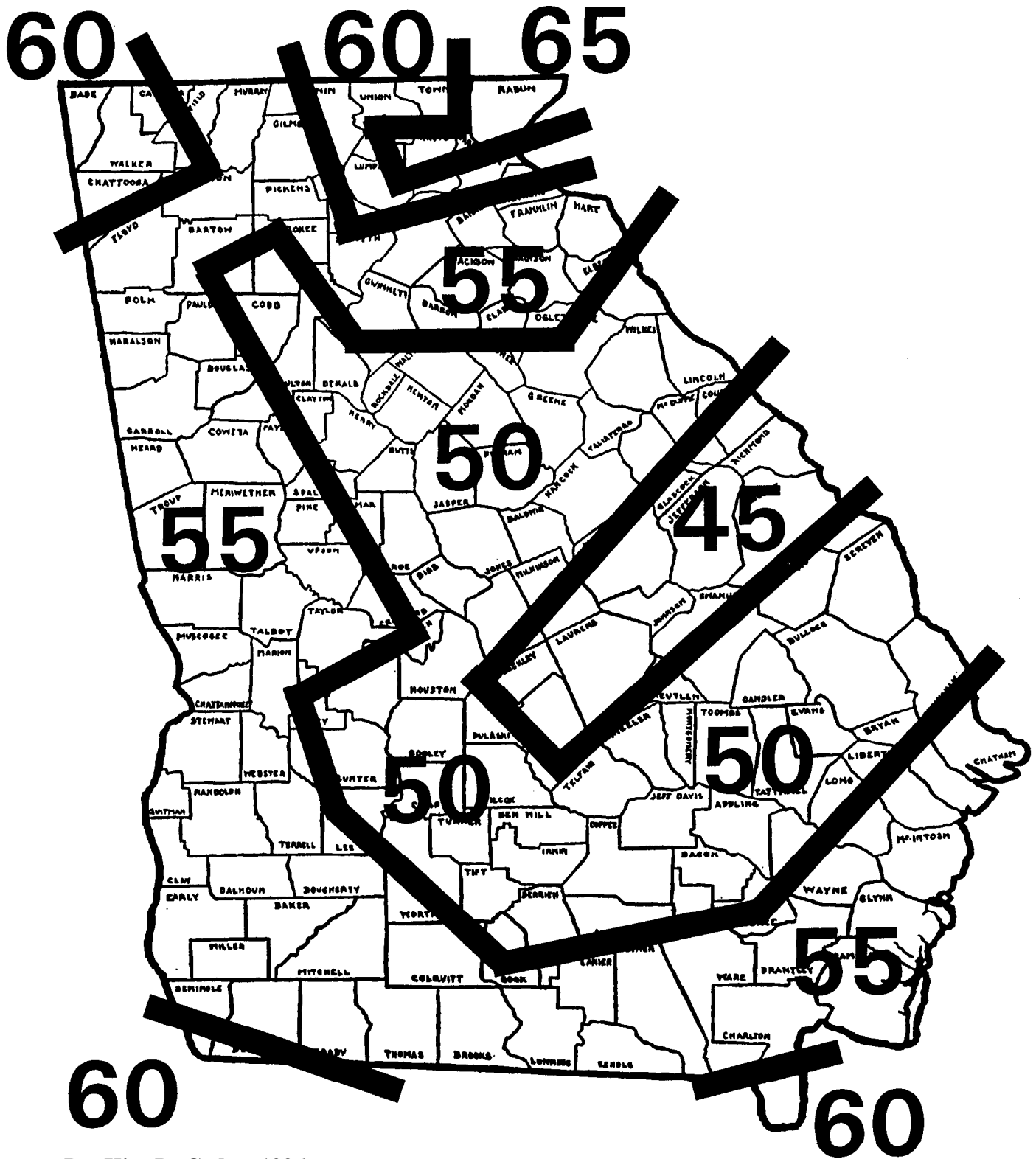
AVERAGE HEATING DEGREE DAYS

BASE 65 F
ANNUAL TOTALS



AVERAGE ANNUAL PRECIPITATION

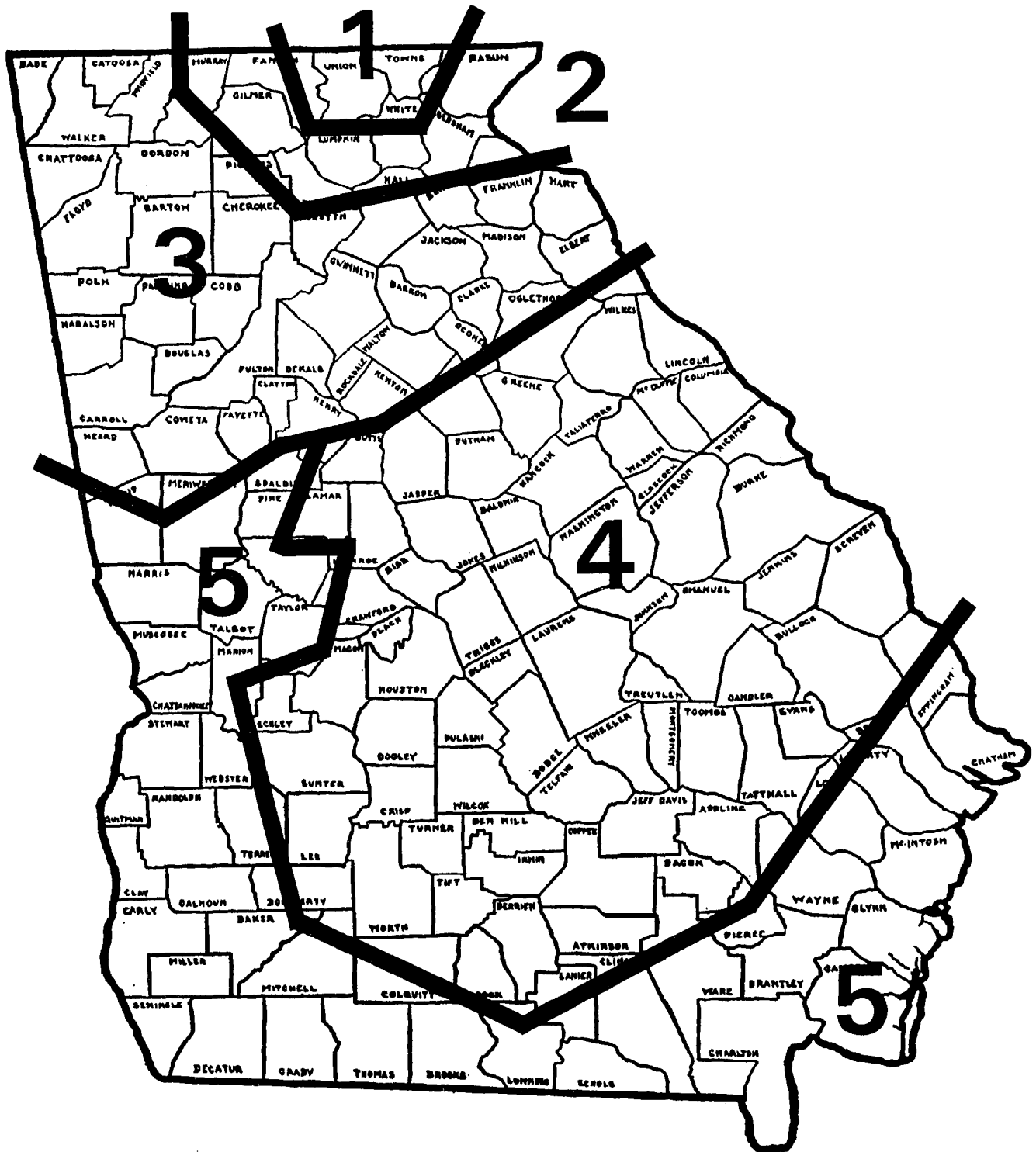
NEXT HIGHEST CLASS
IN INCHES



Dr. Kim D. Coder, 1996

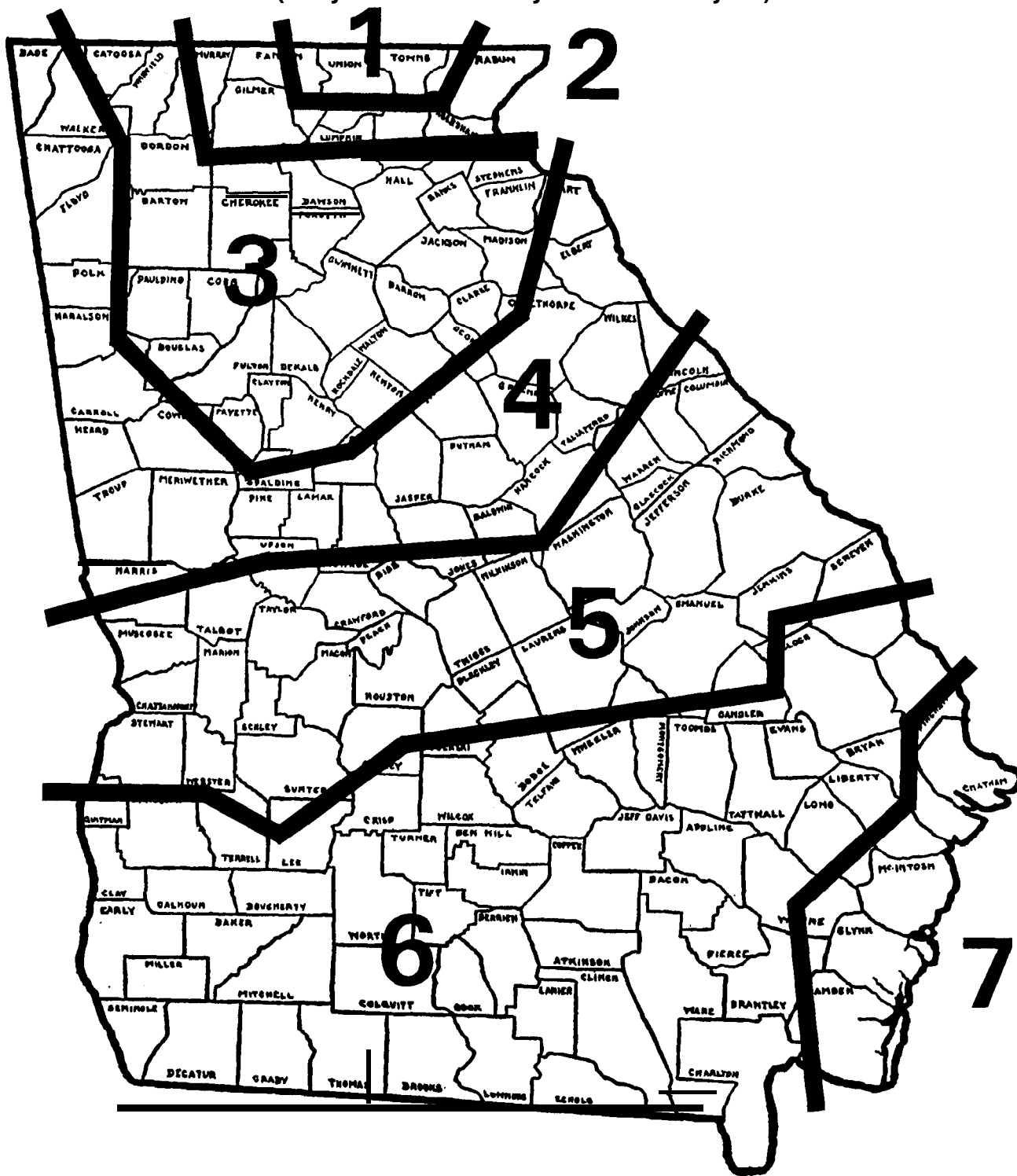
PRECIPITATION ZONE ANALYSIS IN GEORGIA

(30 years of data by cluster analysis)



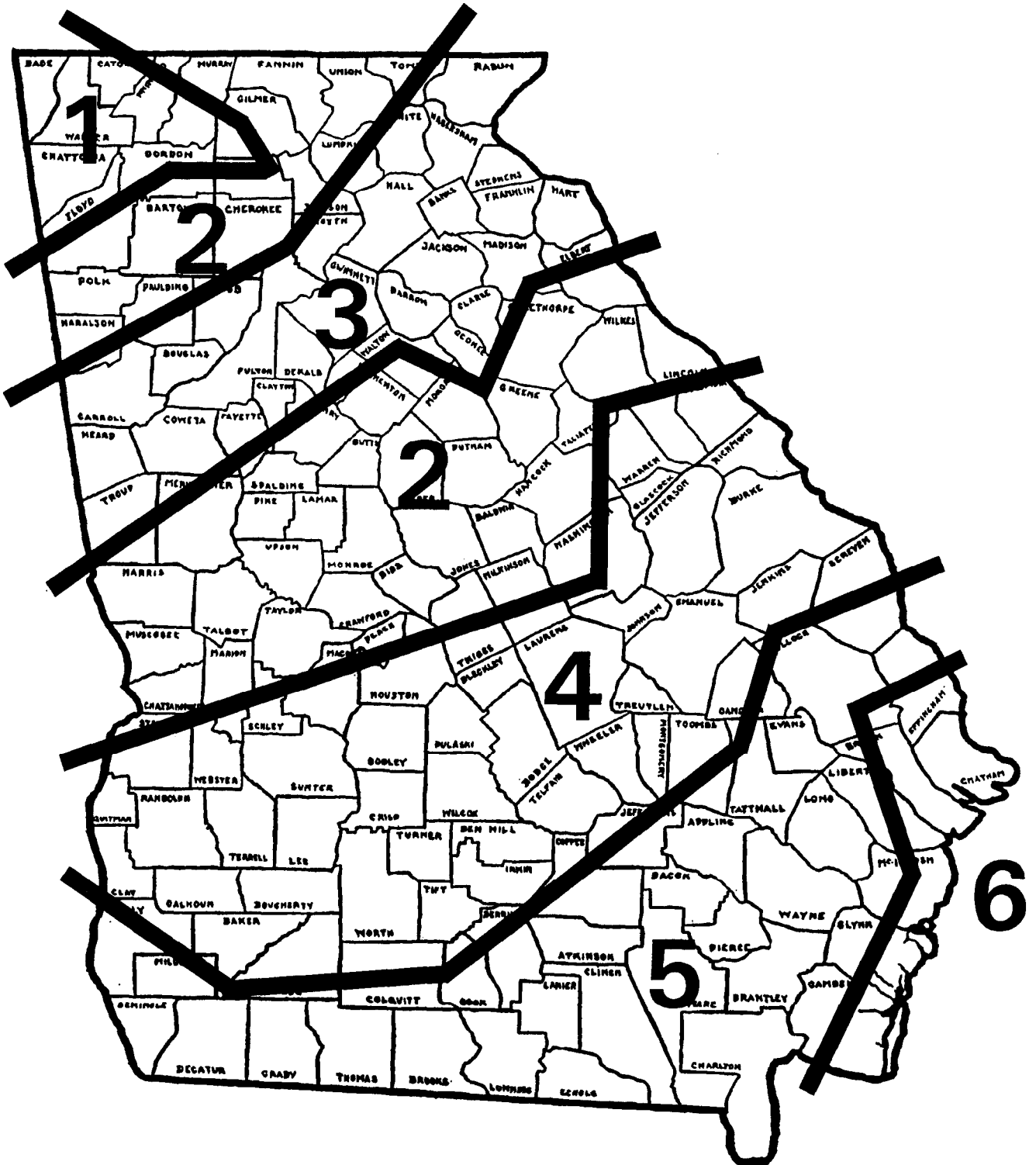
COMBINED TEMPERATURE AND PRECIPITATION ZONE ANALYSIS IN GEORGIA

(30 years of data by cluster analysis)



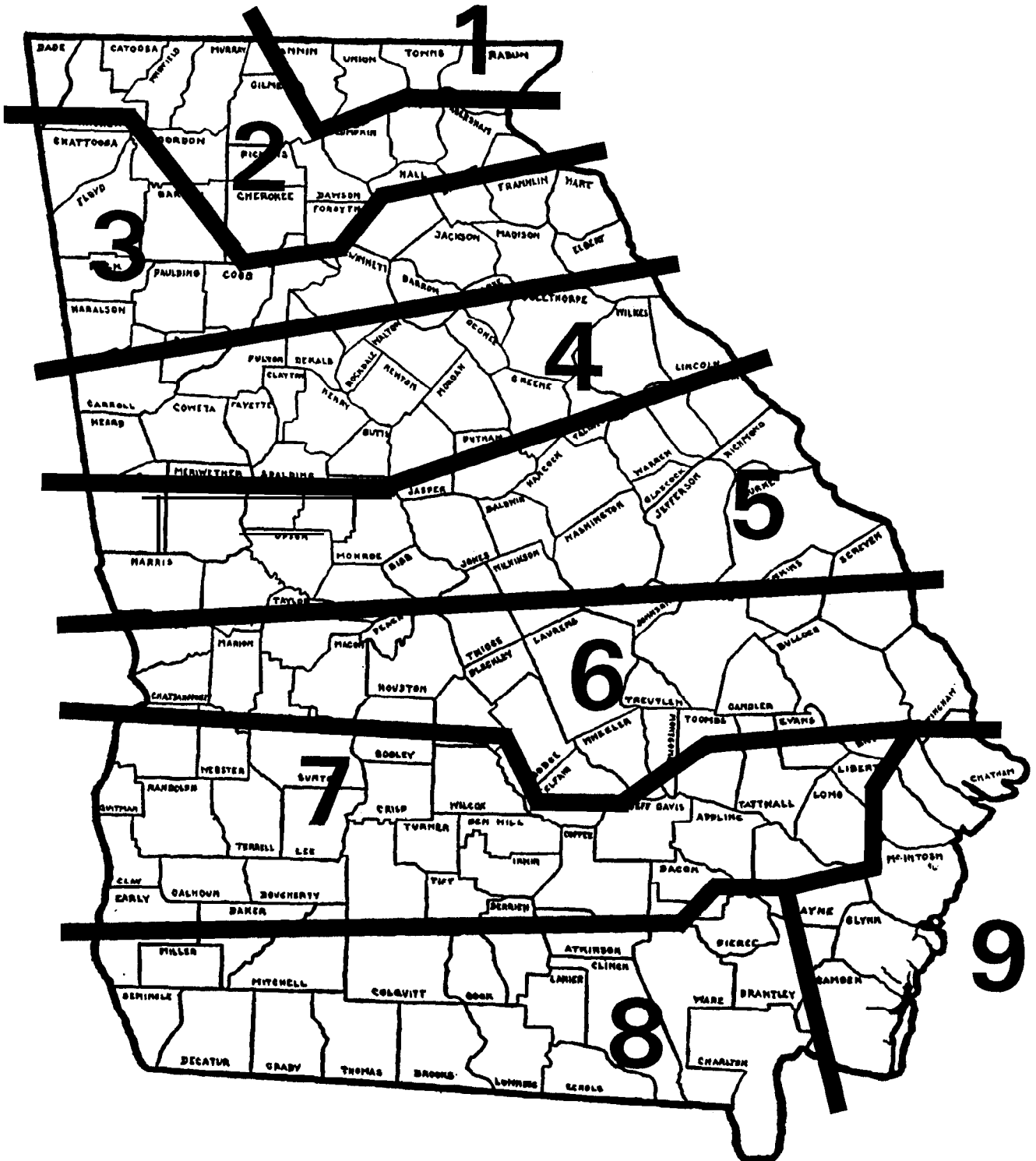
EVAPORATIVE ZONE ANALYSIS IN GEORGIA

(30 years of data by cluster analysis)



HOMO-CLIMATE ZONES IN GEORGIA

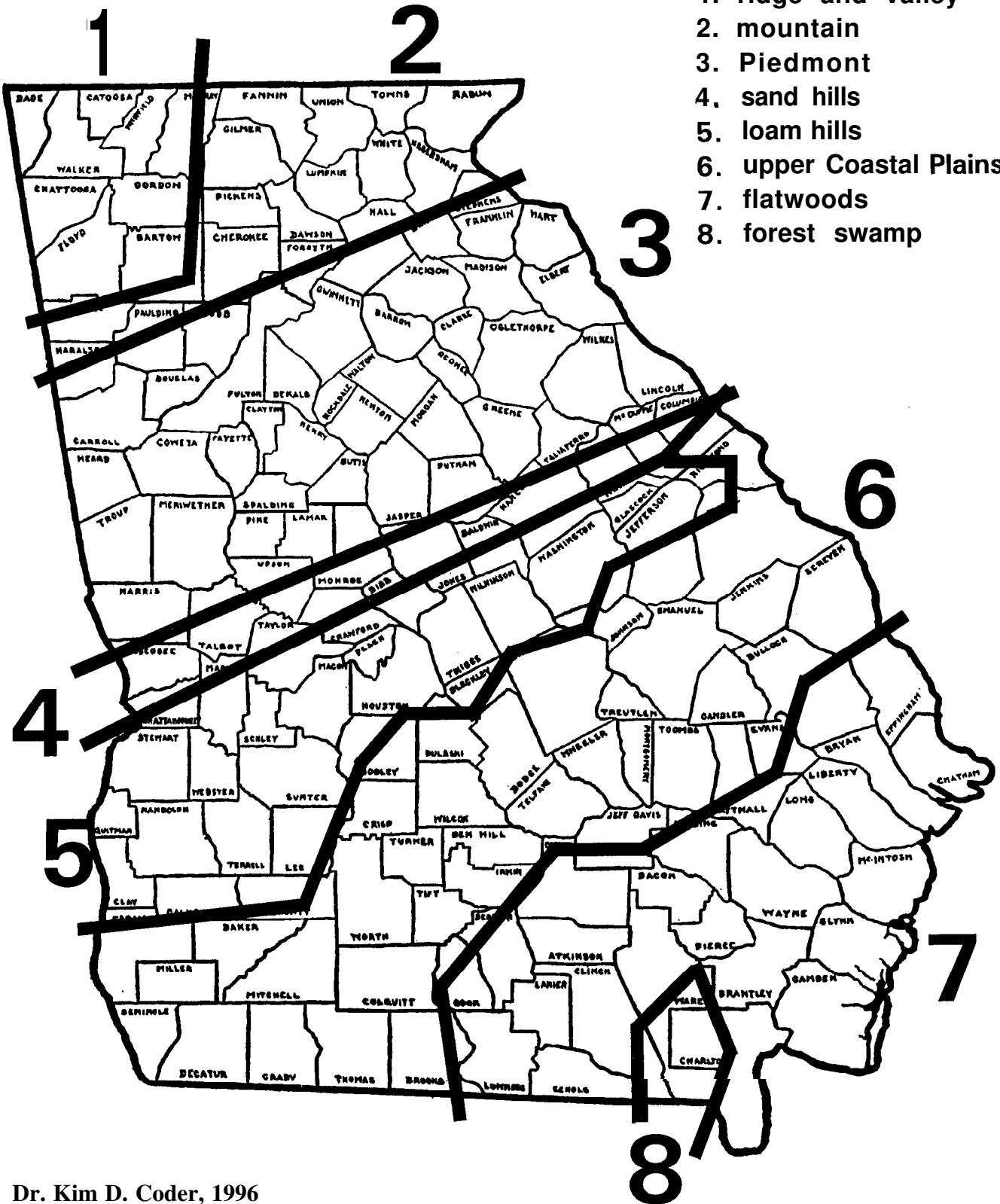
(30 years of all climatic data by cluster analysis)



FOREST PHYSIOGRAPHIC REGIONS

KEY

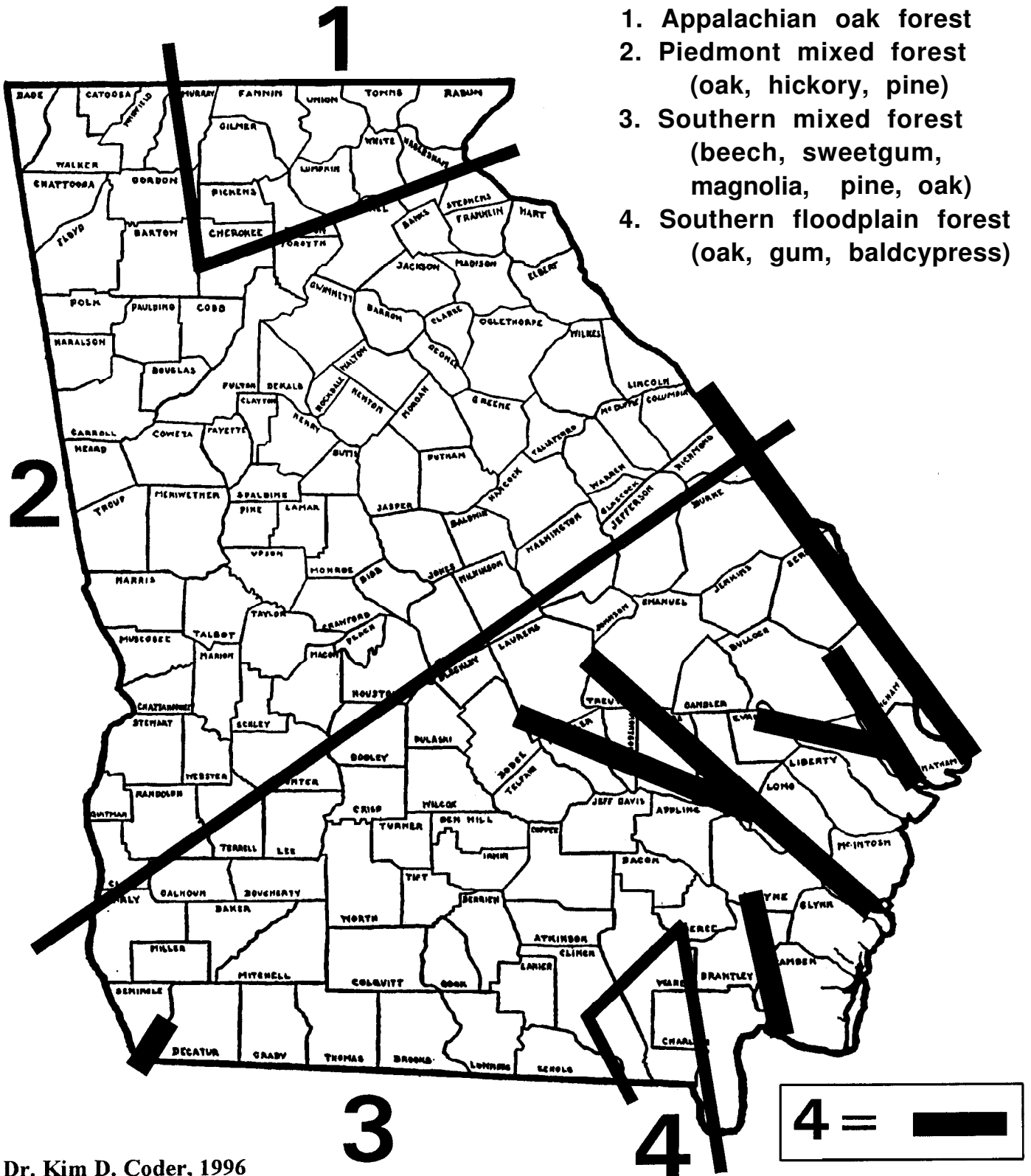
1. ridge and valley
2. mountain
3. Piedmont
4. sand hills
5. loam hills
6. upper Coastal Plains
7. flatwoods
8. forest swamp



POTENTIAL NATURAL VEGETATION OF GEORGIA

KEY:

1. Appalachian oak forest
2. Piedmont mixed forest (oak, hickory, pine)
3. Southern mixed forest (beech, sweetgum, magnolia, pine, oak)
4. Southern floodplain forest (oak, gum, baldcypress)



NATURAL VEGETATION OF GEORGIA

birch / beech /
maple / hemlock

chestnut / chestnut oak /
yellow poplar

oak / pine

longleaf / loblolly

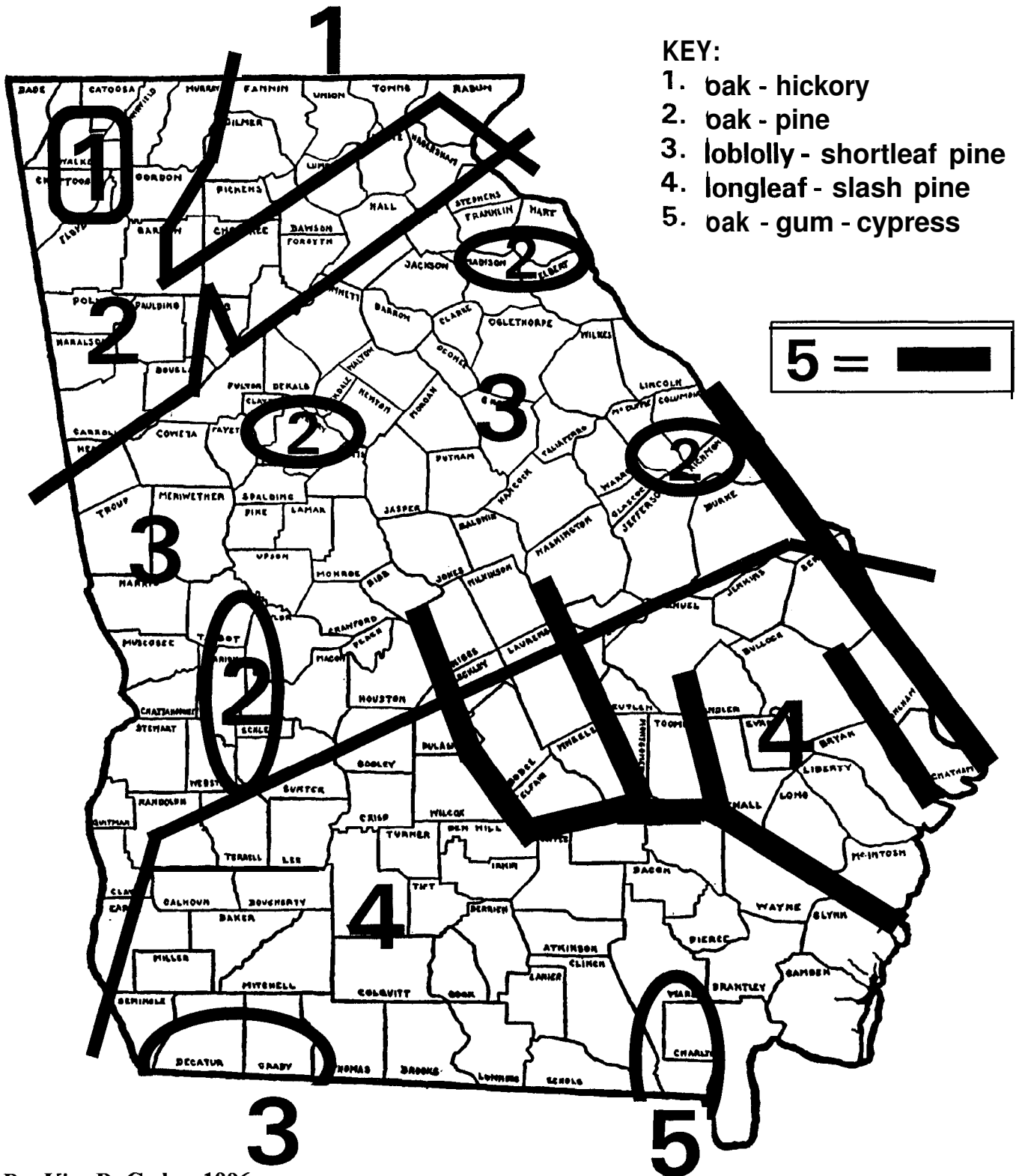
slash pines

marsh
grass

cypress / tupelo / gum

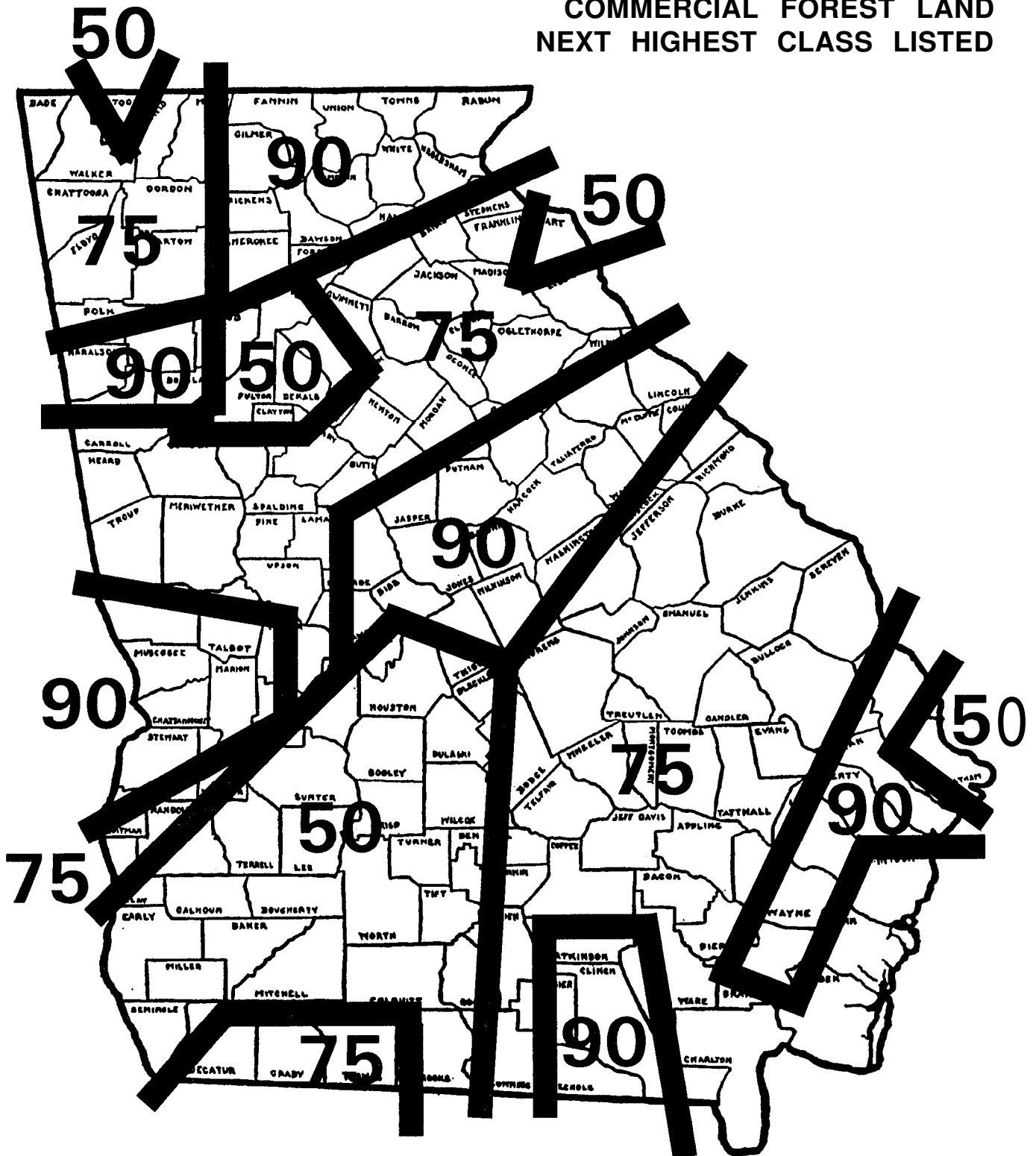
also along Coastal Plain river bottoms

MAJOR FOREST TYPES OF GEORGIA



PERCENT OF LAND IN COMMERCIAL FOREST

COUNTIES RANGE FROM 30% TO 91%
COMMERCIAL FOREST LAND
NEXT HIGHEST CLASS LISTED



FOREST MANAGEMENT INTENSITIES ZONES

KEY:

1. RESERVED / DEVELOPMENT
2. DEVELOPMENT
3. IMPROVEMENT
4. AGRICULTURE
5. HIGH INTENSITY
6. RESERVED / DEVELOPMENT

