

Durham E-Theses

Characteristics of rural settlement in the corn belt of the North American mid-west

B. P. Birch

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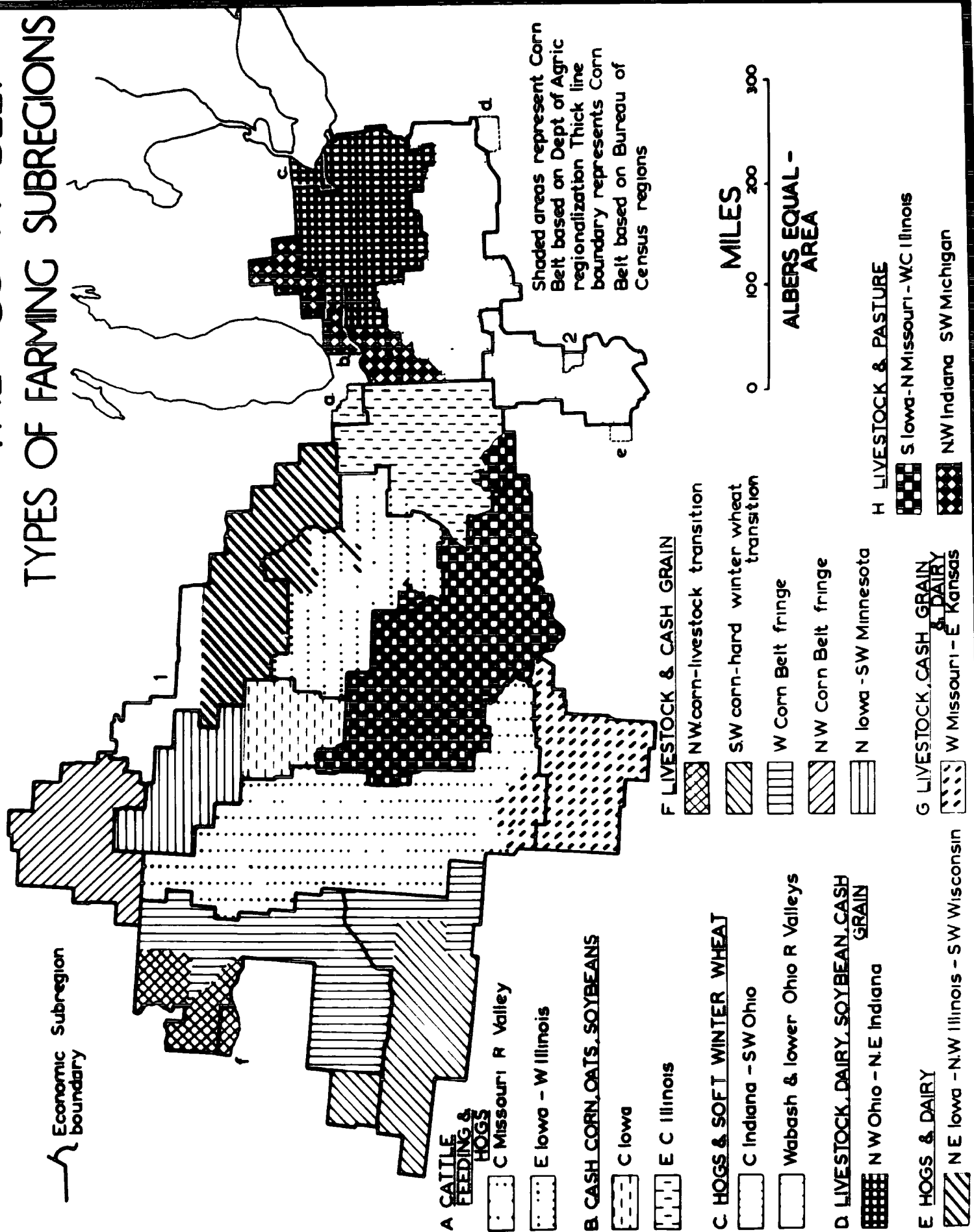
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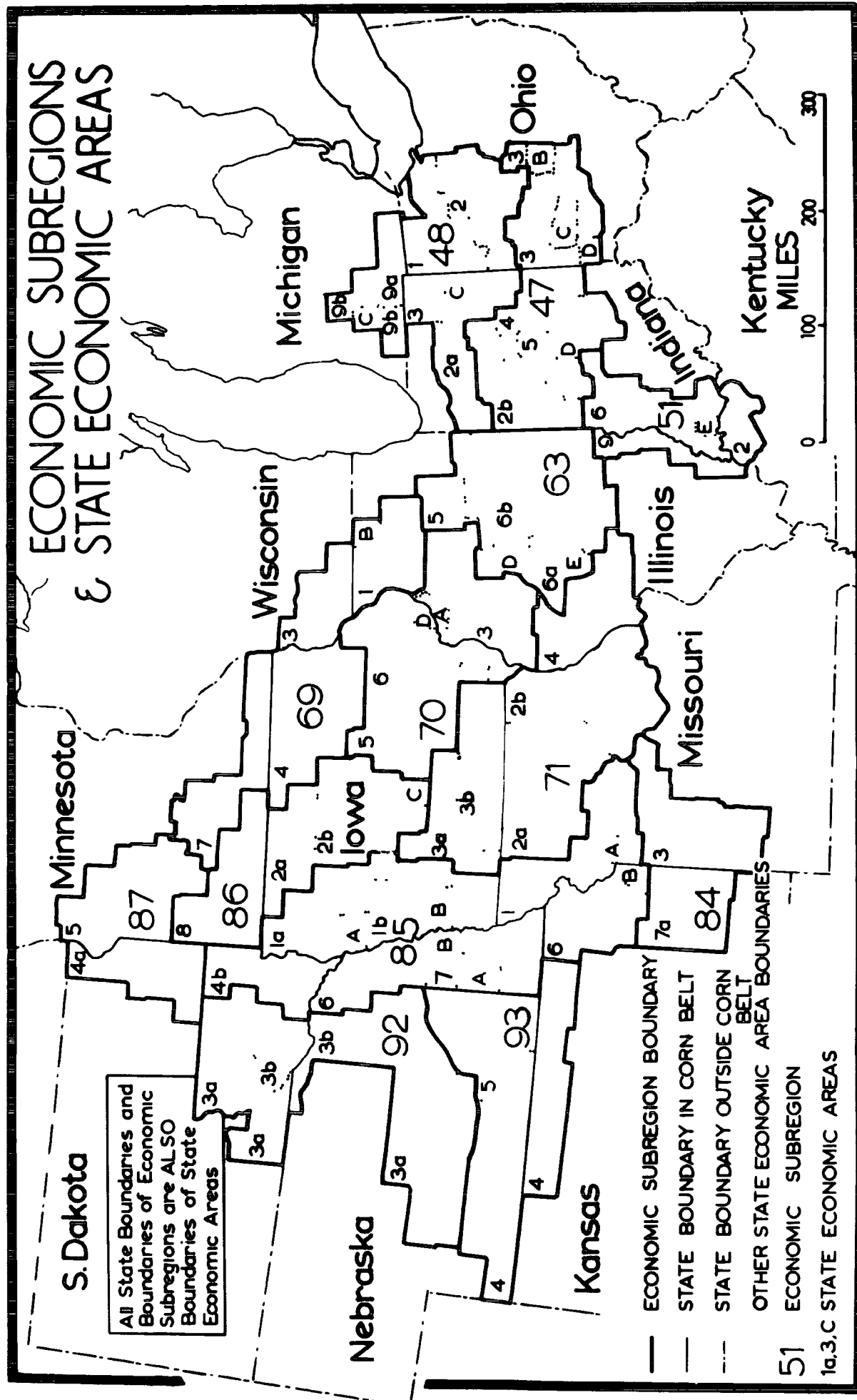
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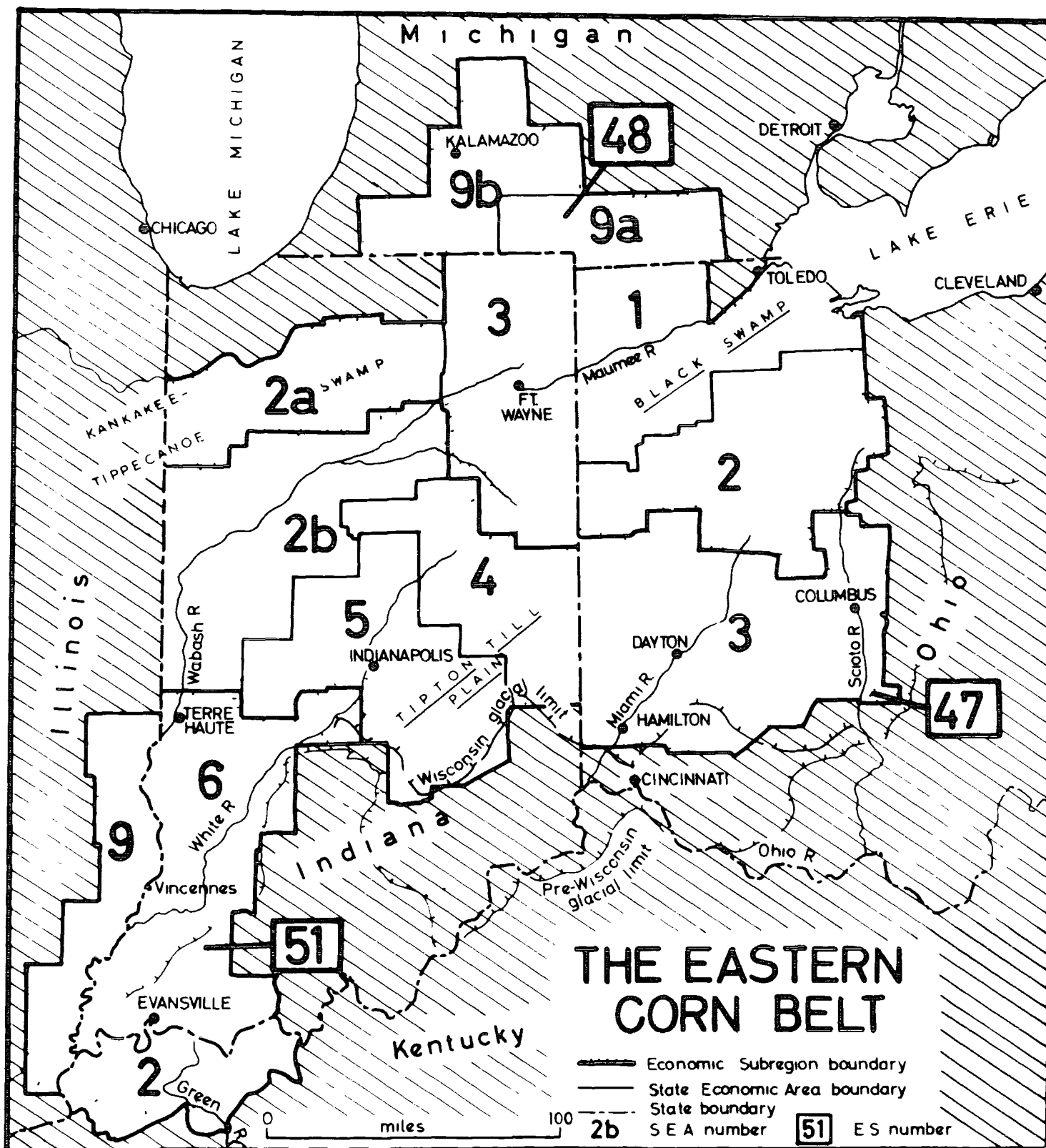
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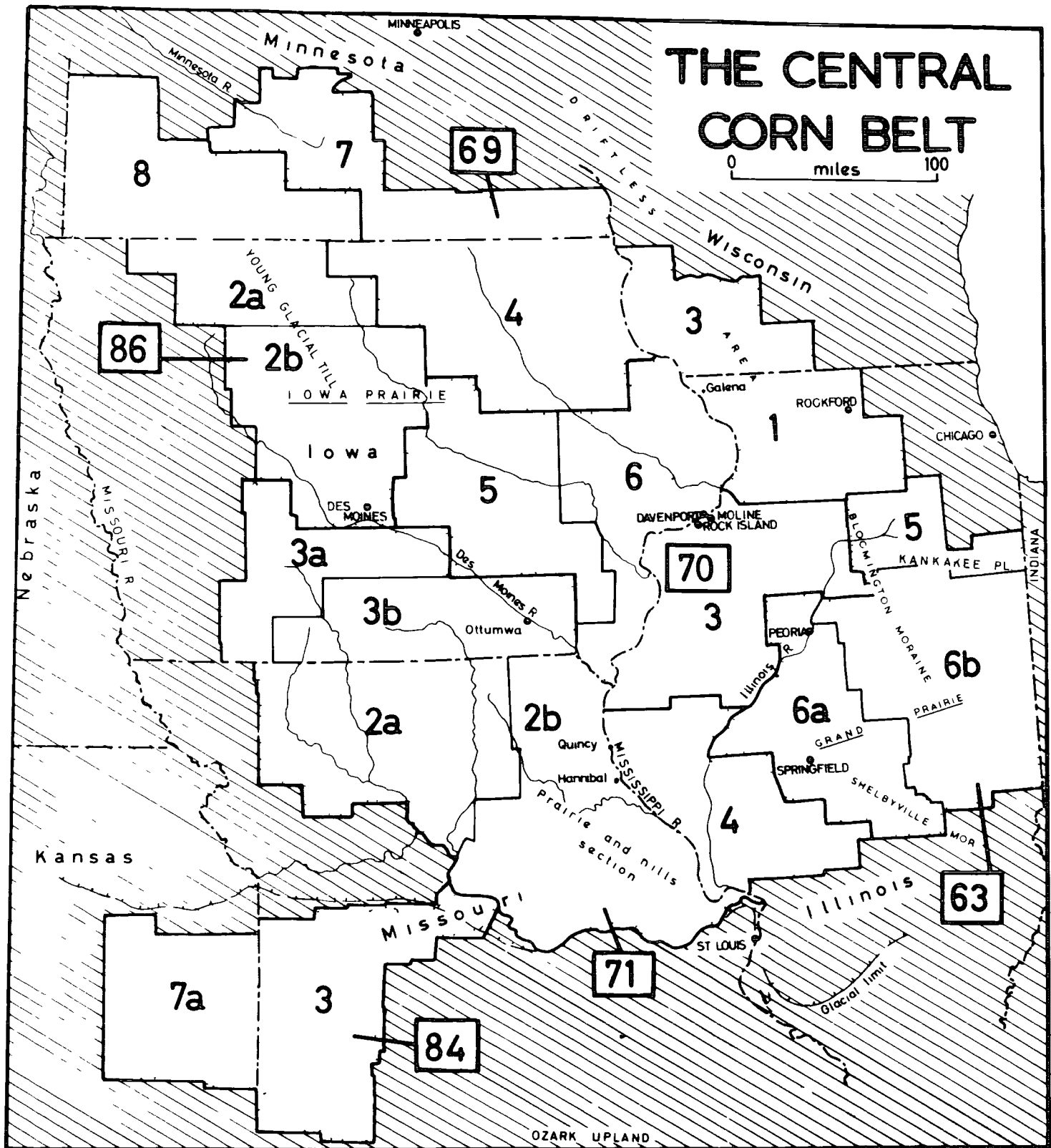
THE CORN BELT

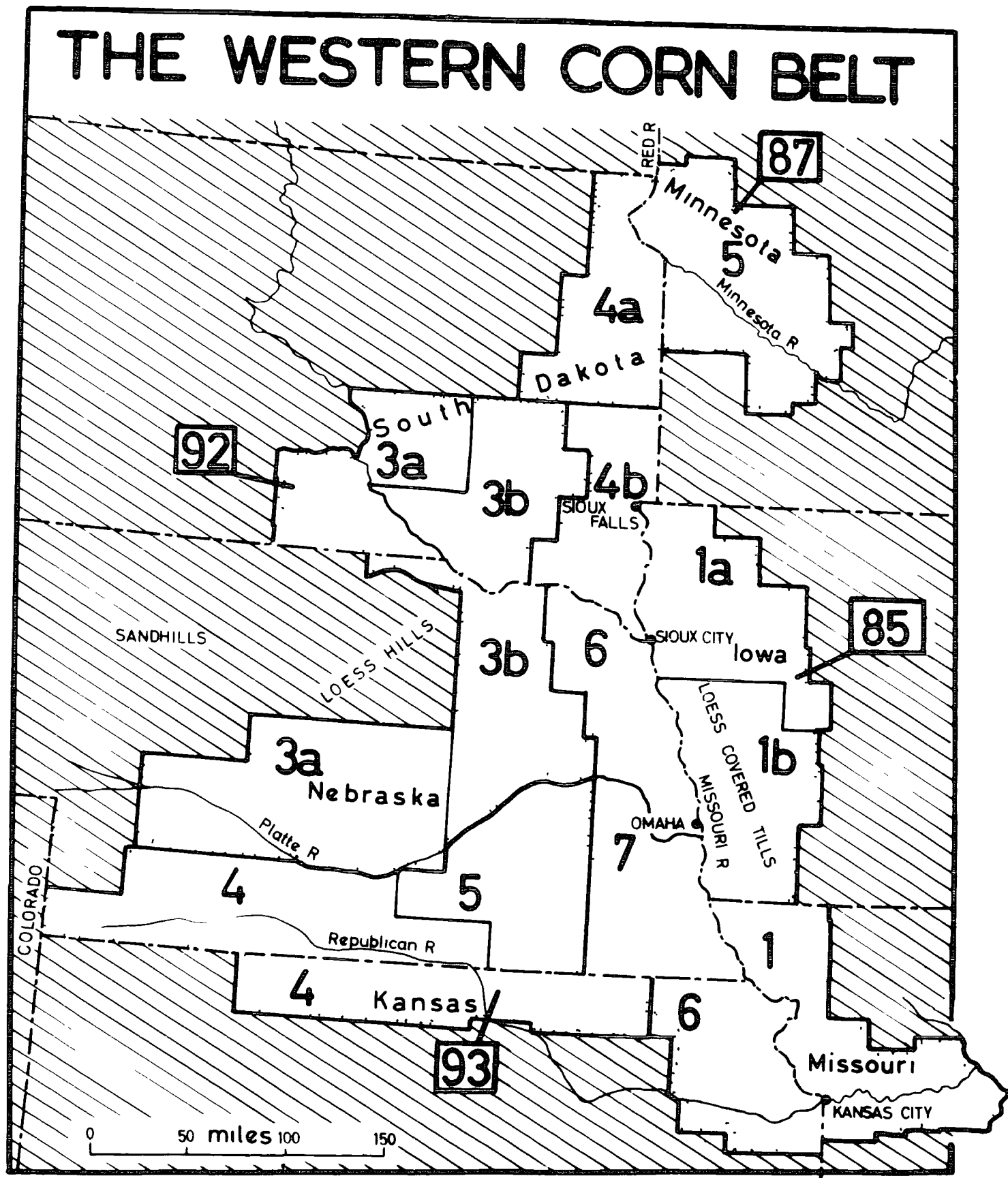
TYPES OF FARMING SUBREGIONS

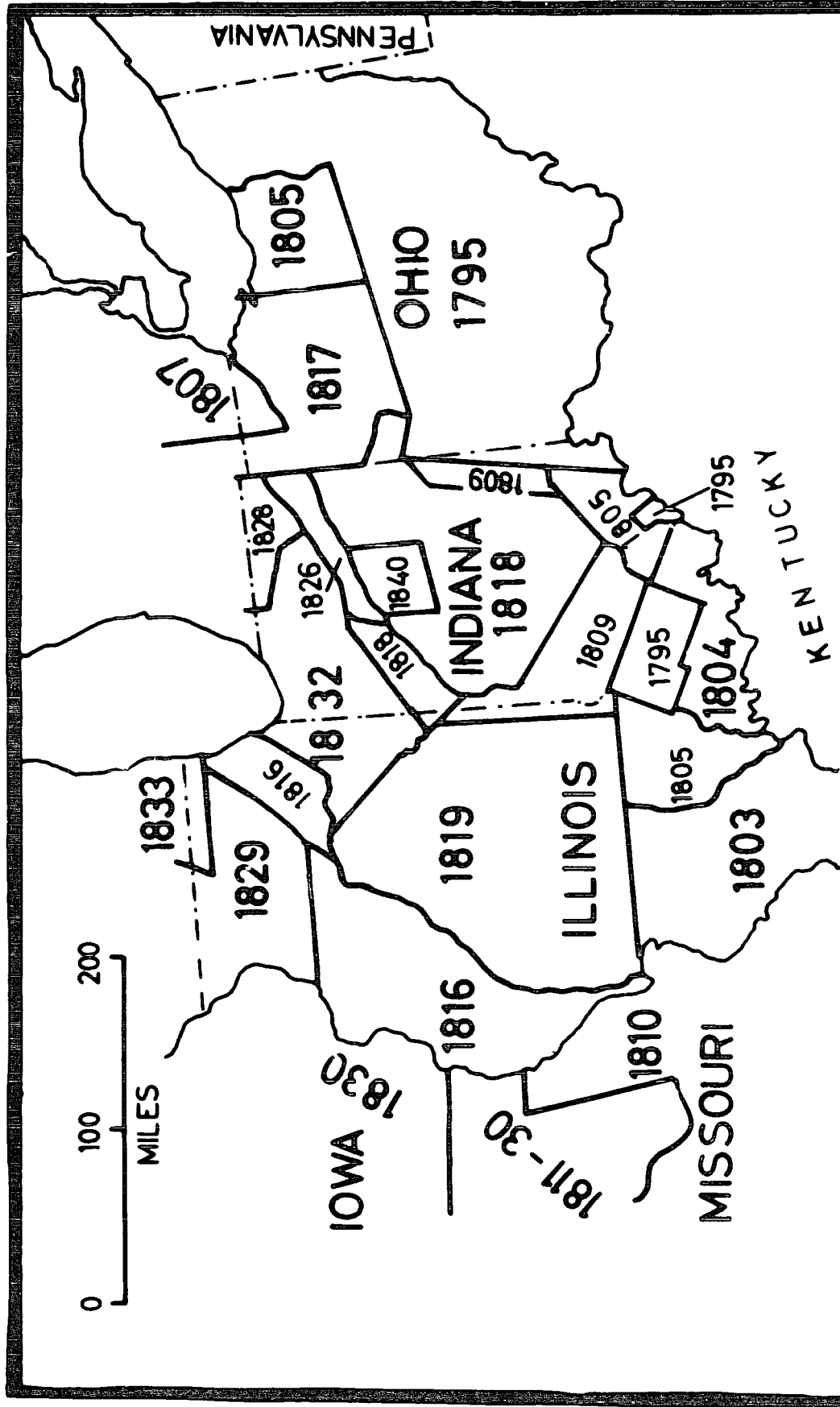




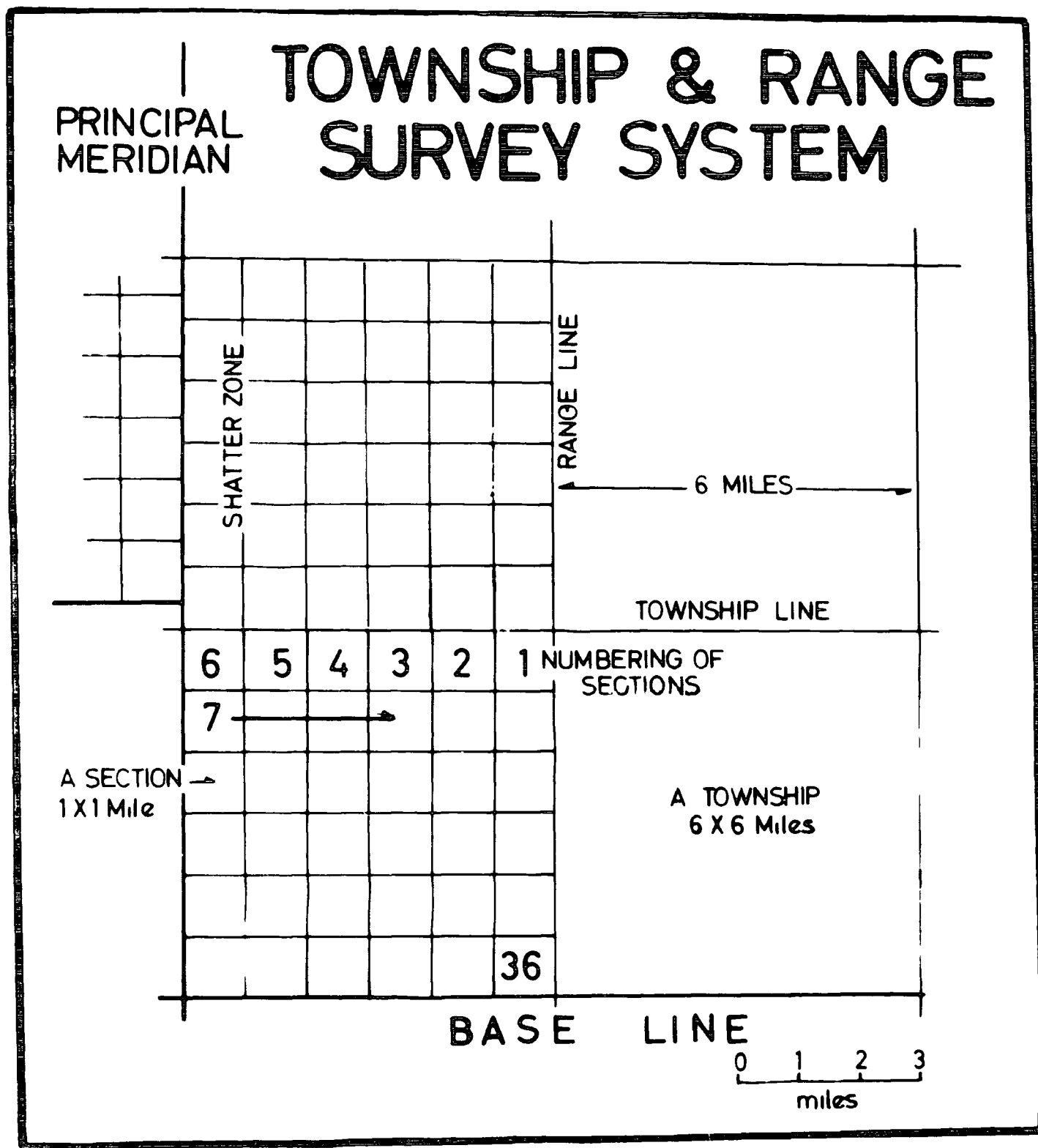


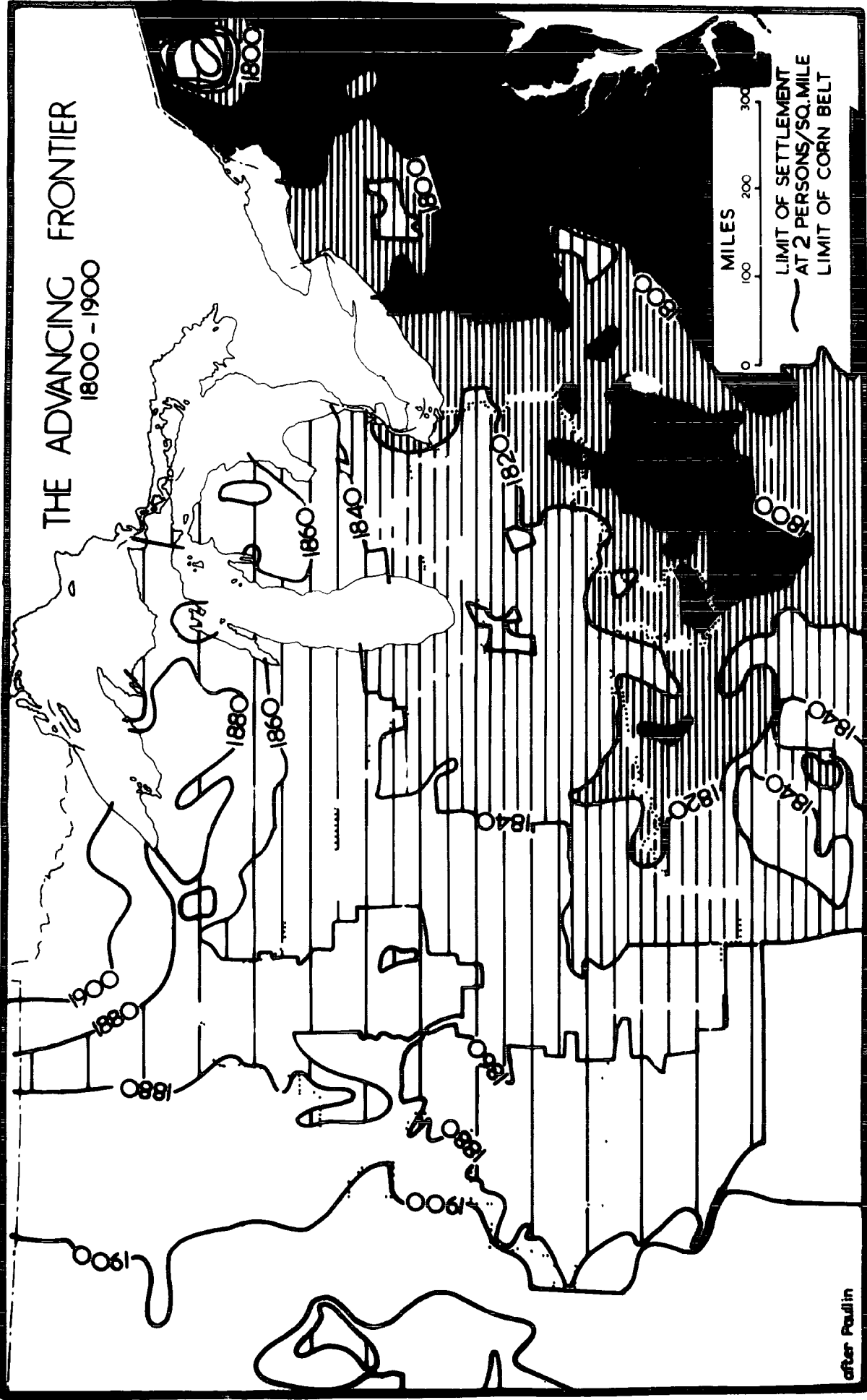




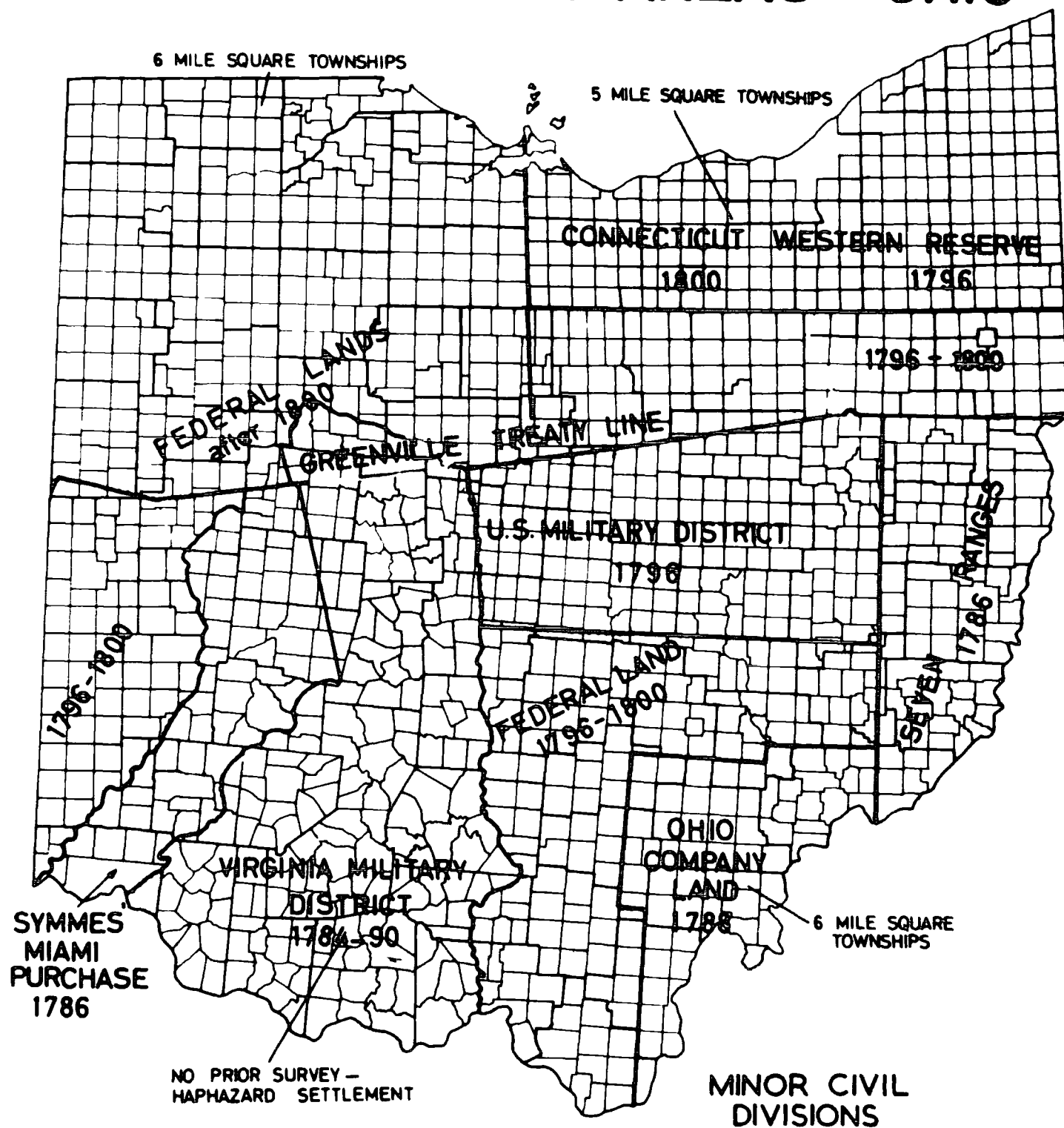


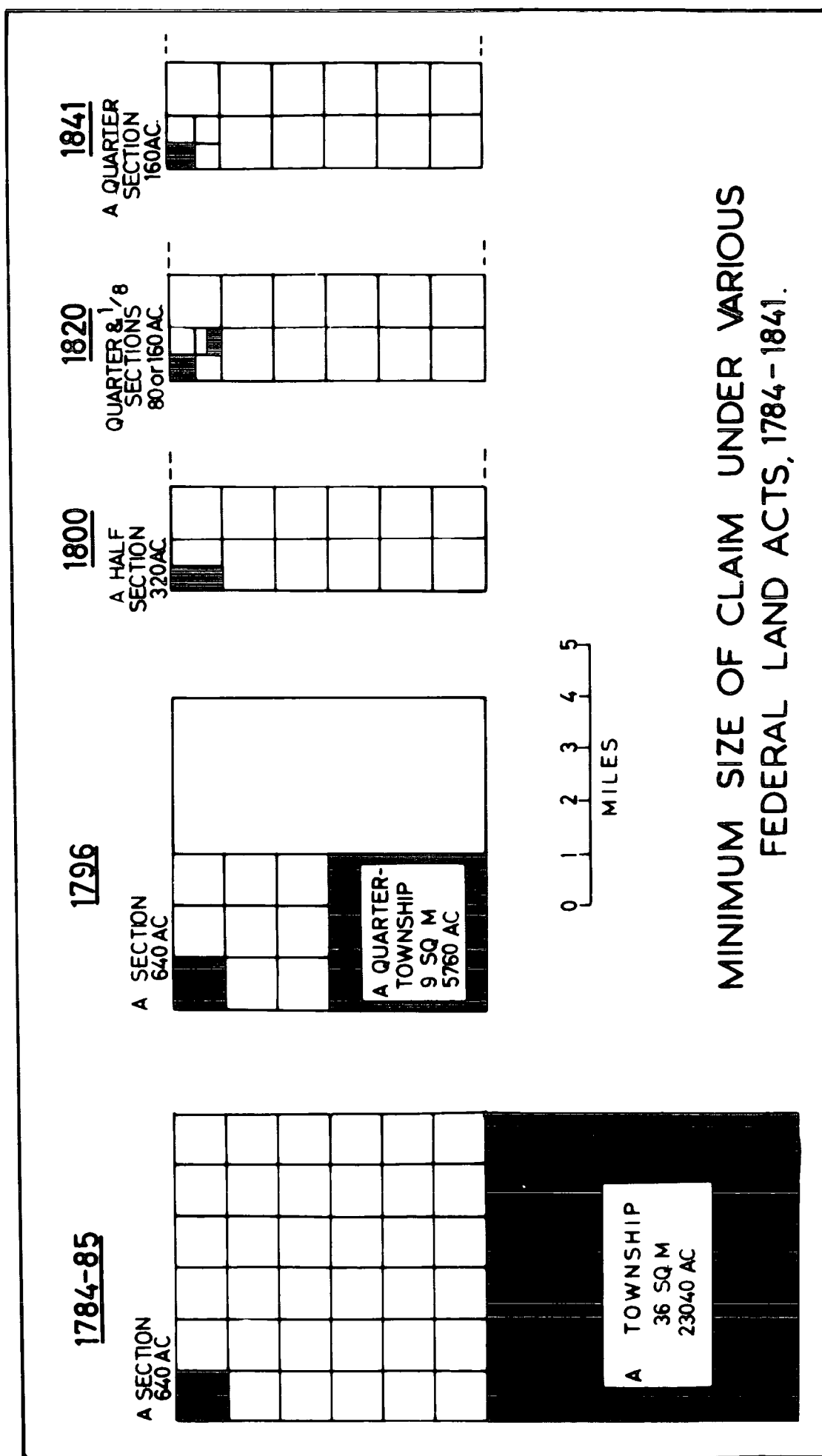
MAIN INDIAN LAND CESSIONS IN THE EAST PART OF THE OLD NORTH - WEST



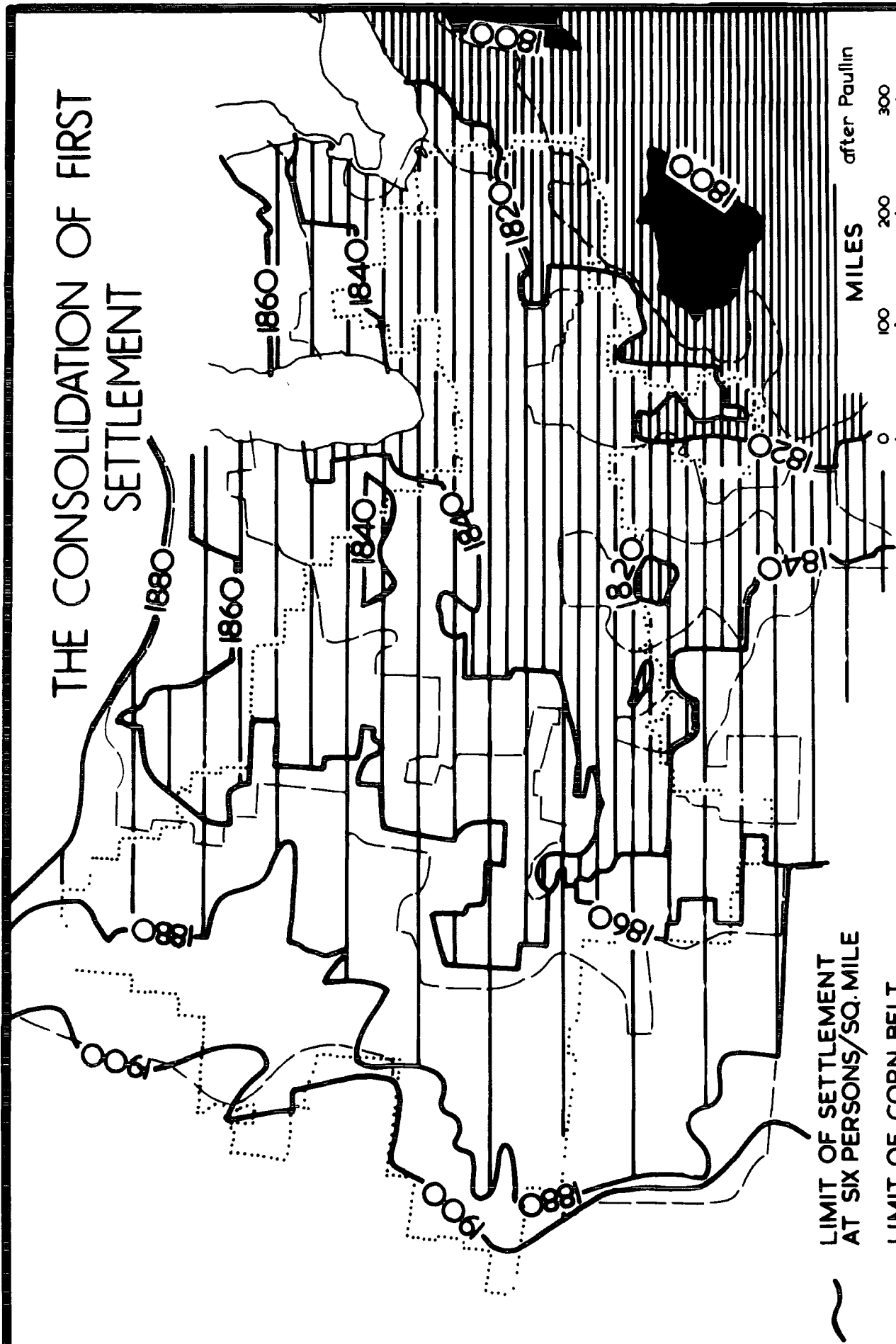


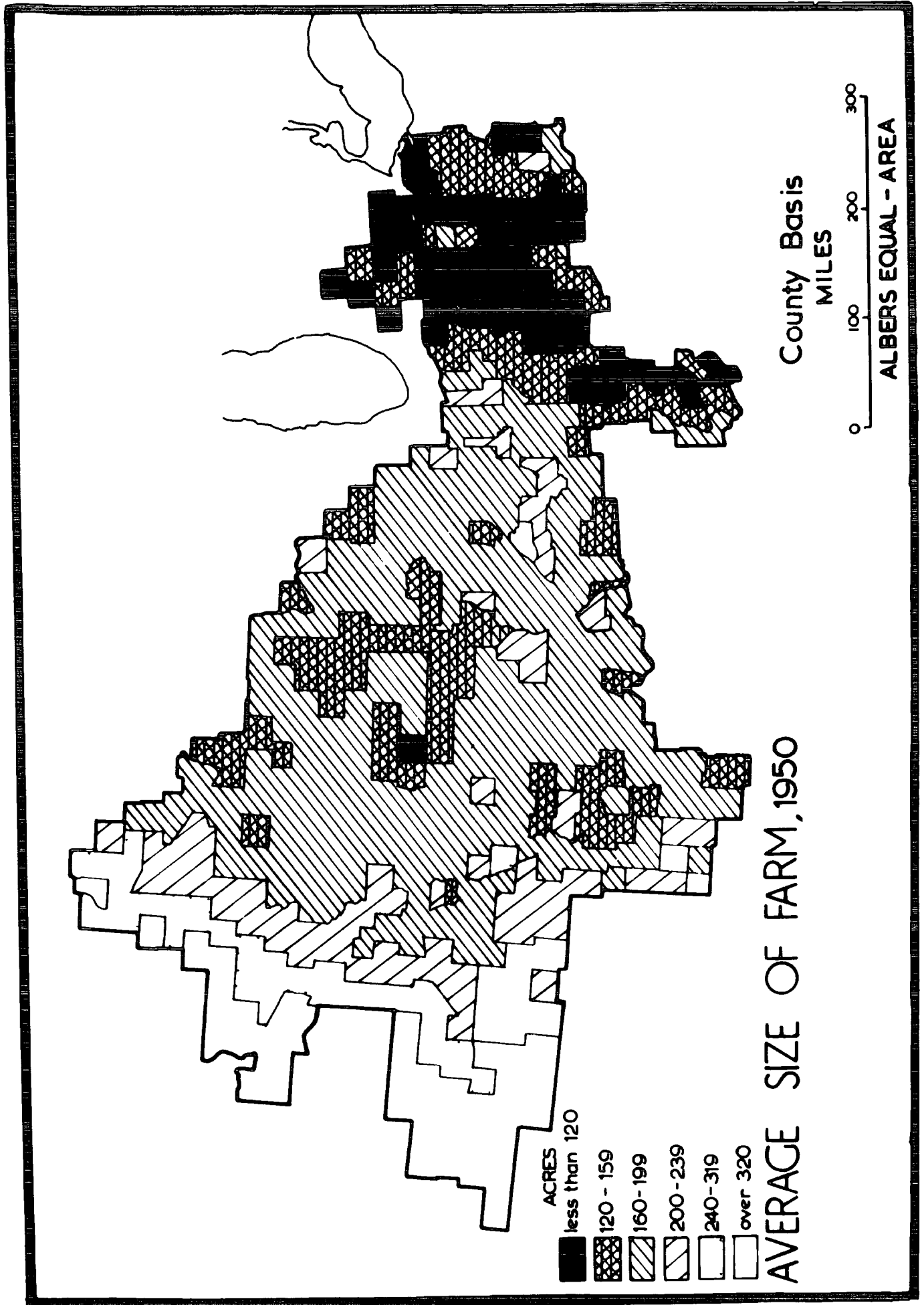
THE MAIN SURVEY AREAS - OHIO



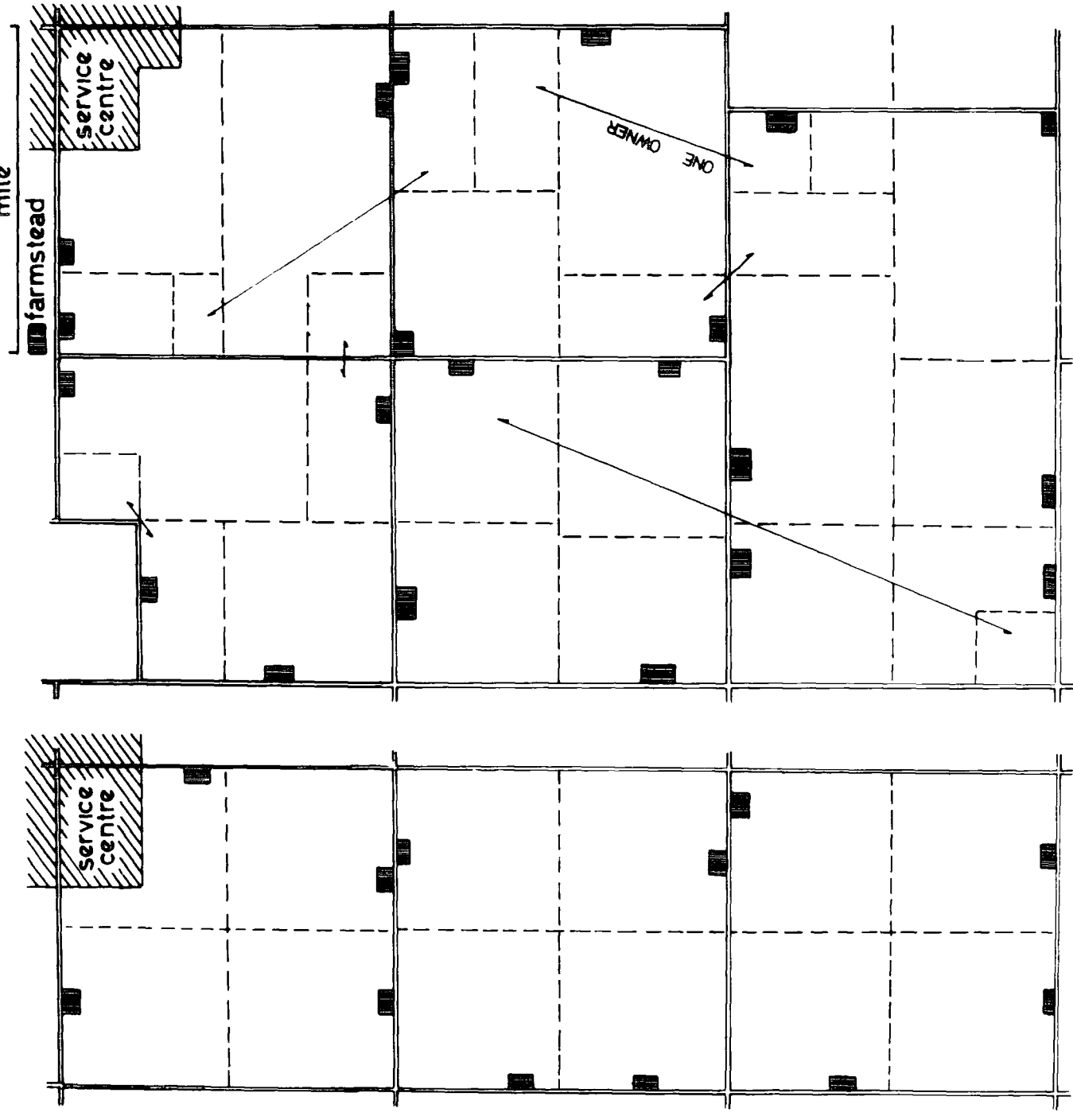


THE CONSOLIDATION OF FIRST
SETTLEMENT



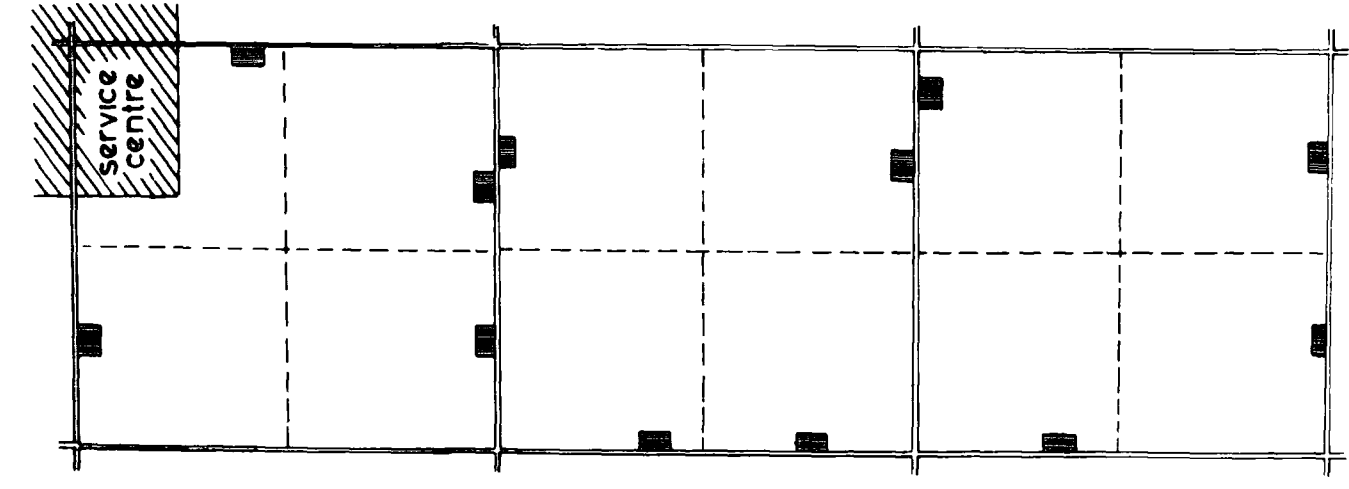


FARM SETTLEMENT

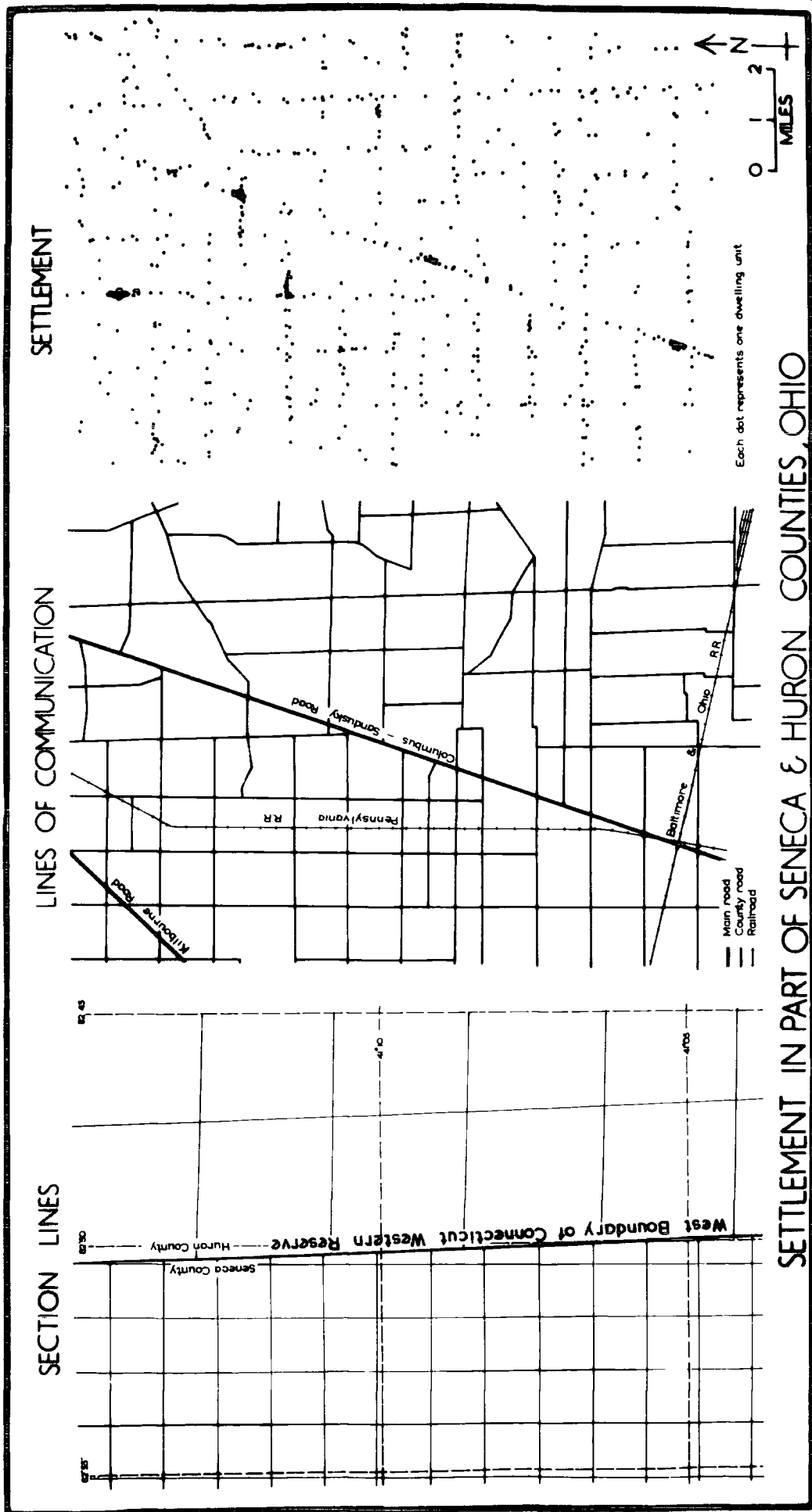


TYPICAL ARRANGEMENT with some irregular land units and roads

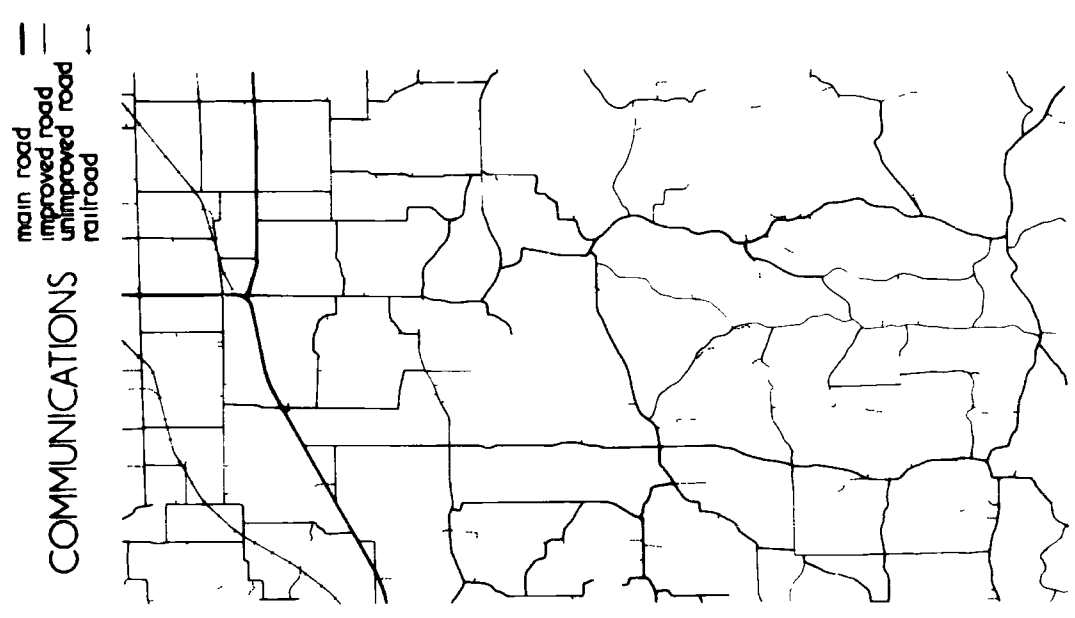
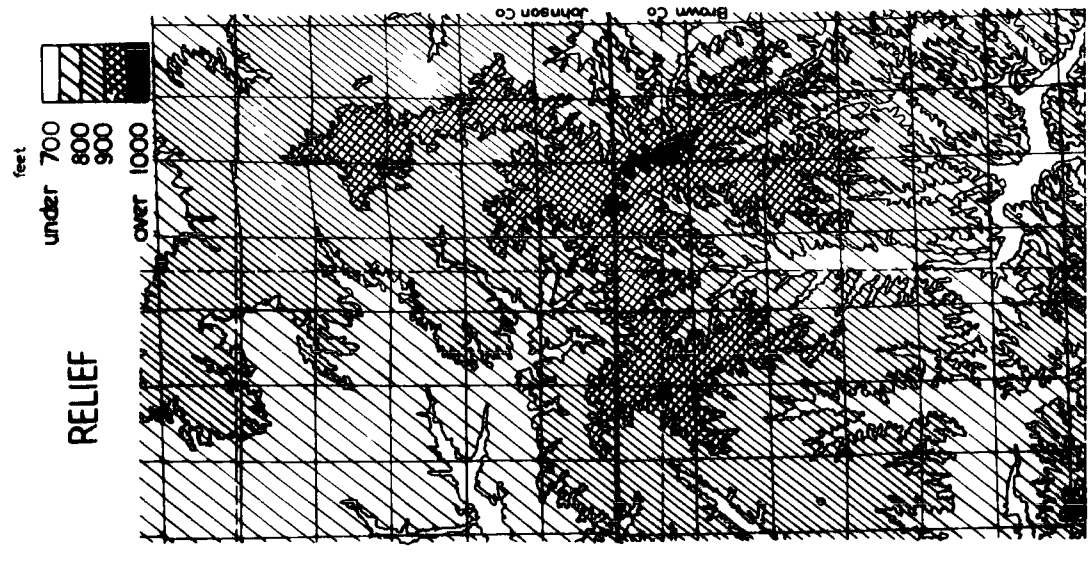
FARM



MODEL ARRANGEMENT with QUARTER-SECTION FARMS

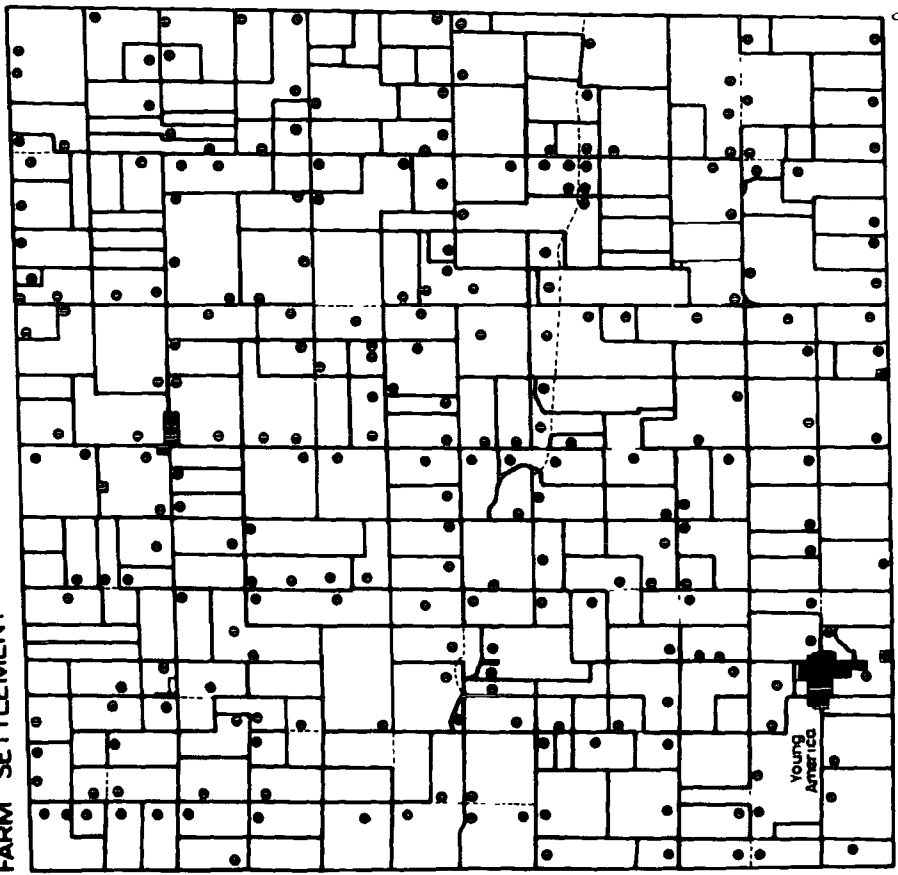


SETTLEMENT IN PART OF BROWN & JOHNSON COUNTIES, INDIANA

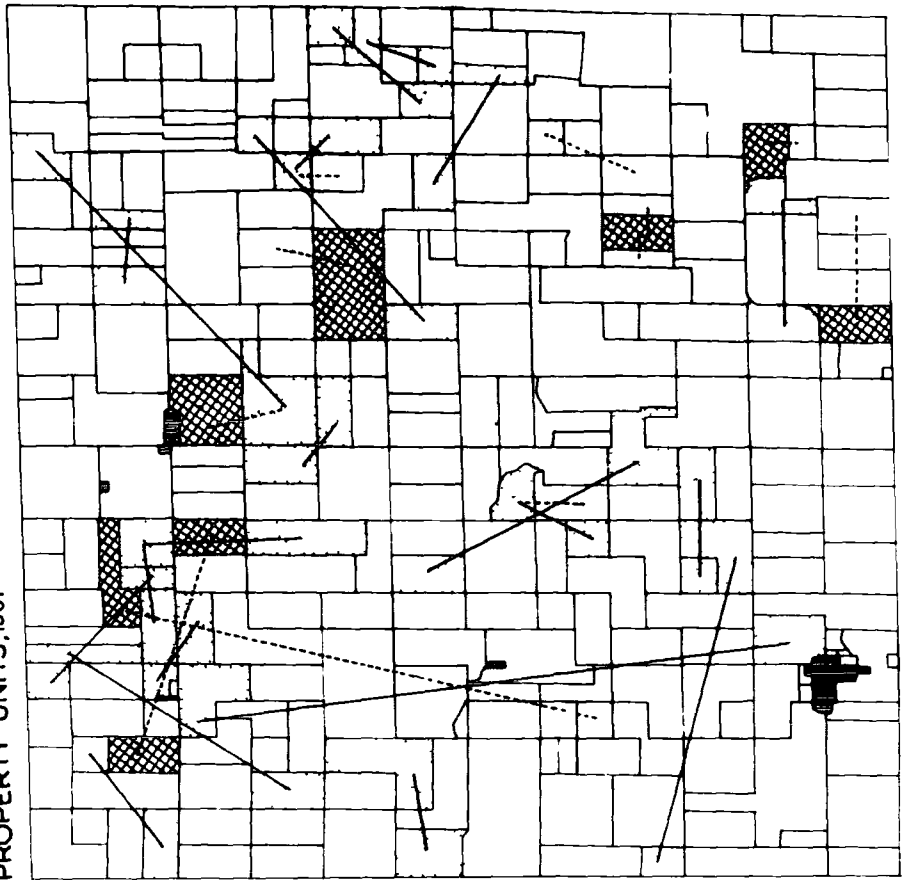


DEER CREEK TWP., CASS CO., INDIANA

FARM SETTLEMENT

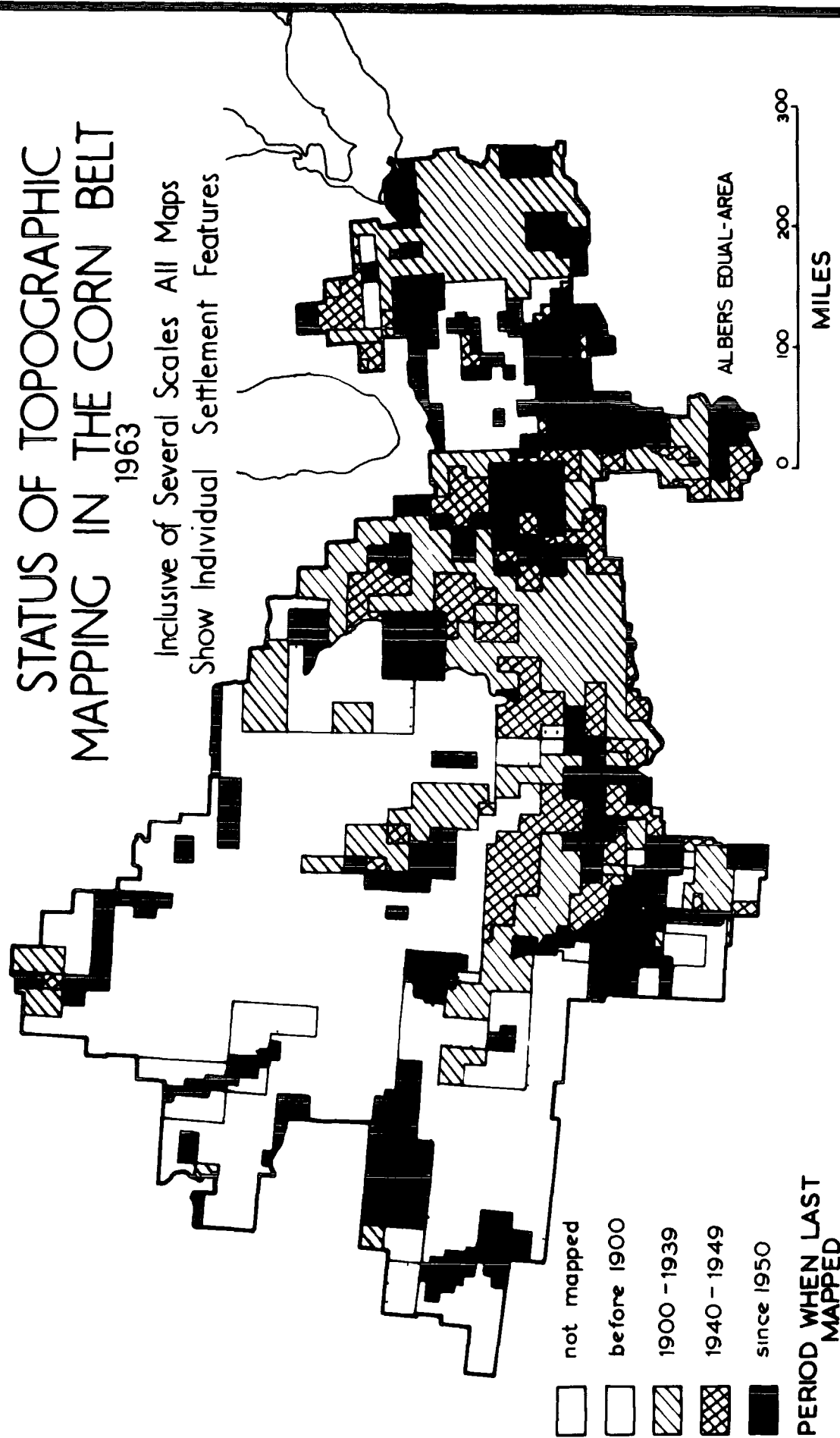


PROPERTY UNITS, 1961



STATUS OF TOPOGRAPHIC MAPPING IN THE CORN BELT 1963

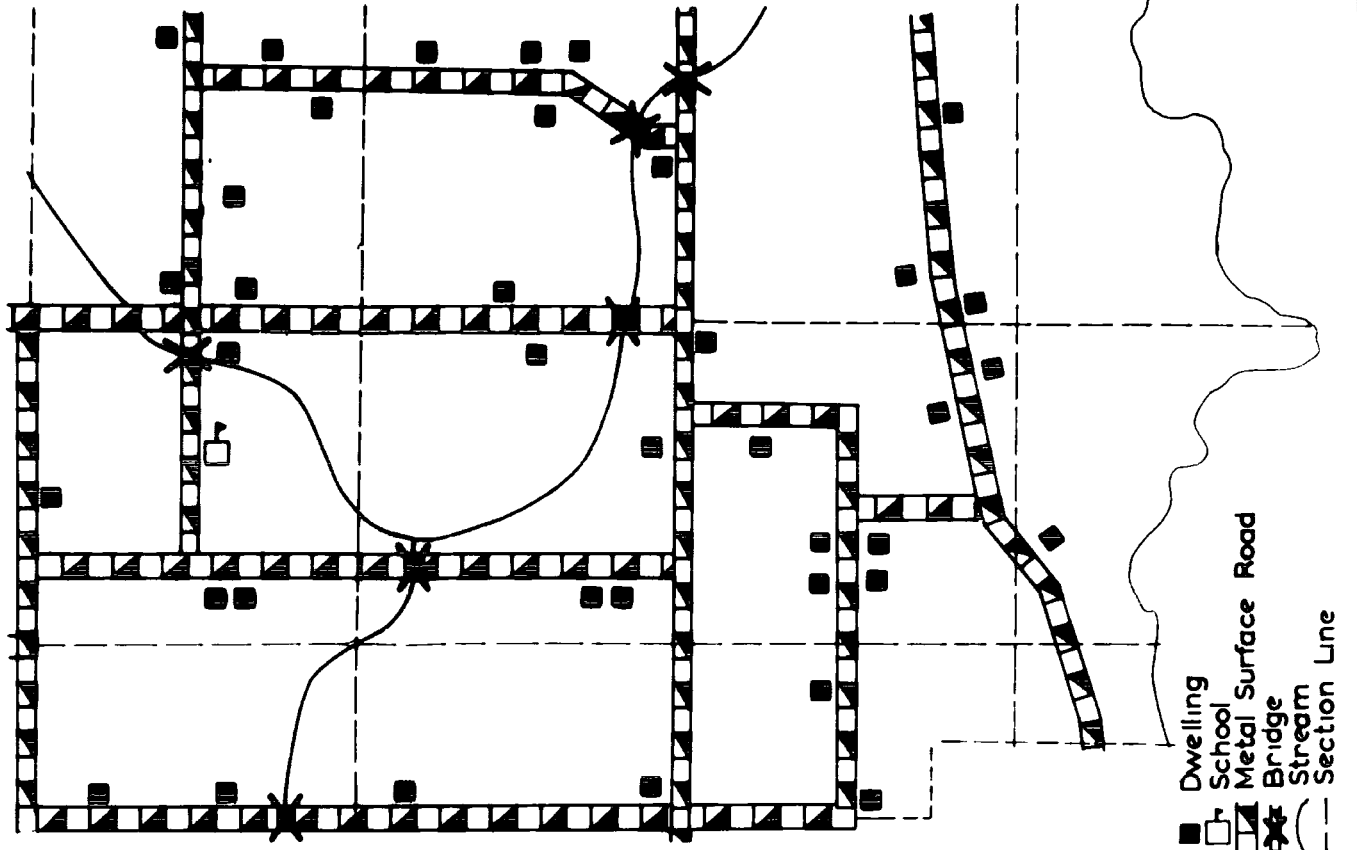
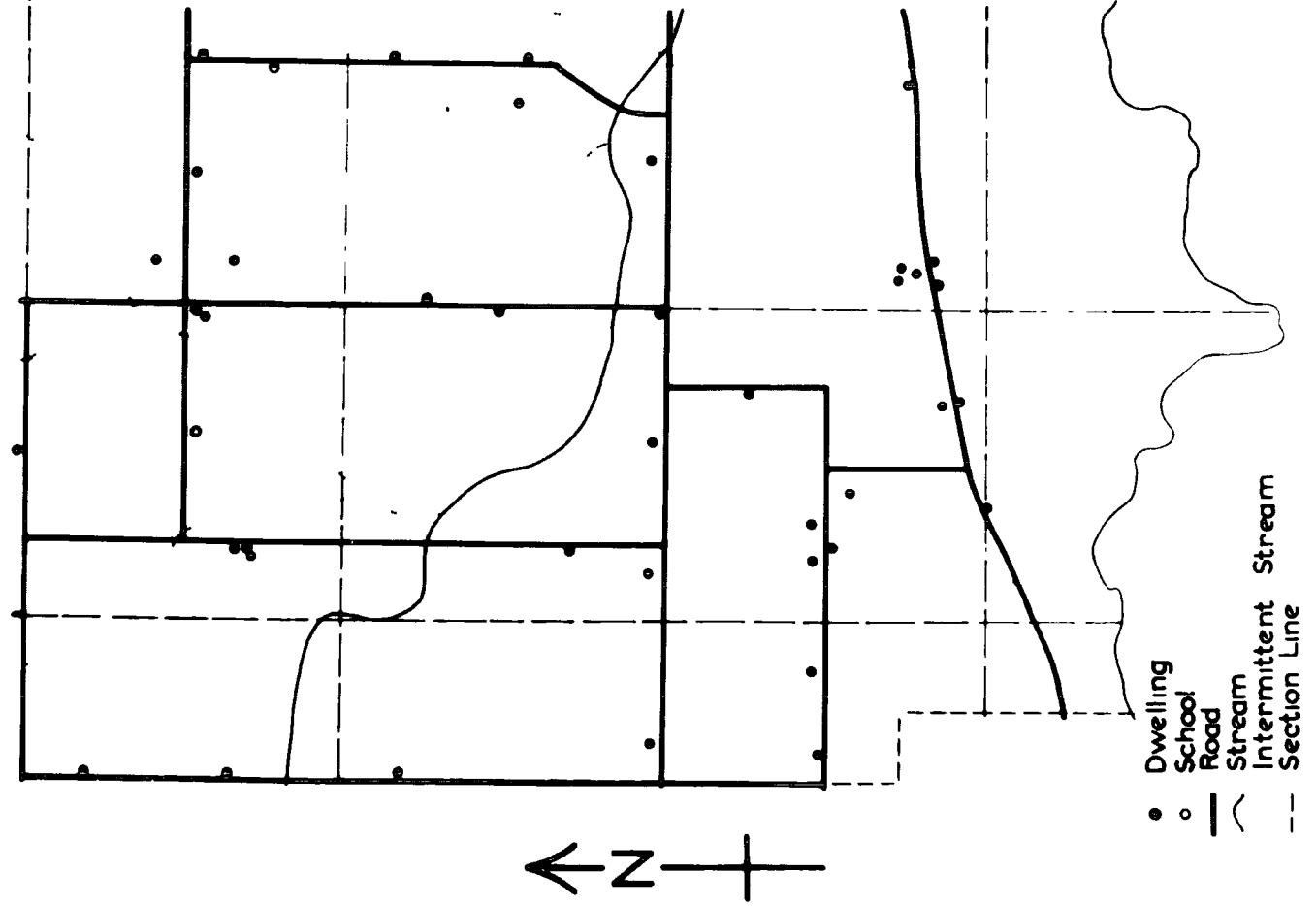
Inclusive of Several Scales All Maps
Show Individual Settlement Features



SETTLEMENT FEATURES IN PART OF
CLINTON COUNTY, IOWA - FROM THE
U.S.G.S. MAP, GRAND MOUND, 24000 (1953)

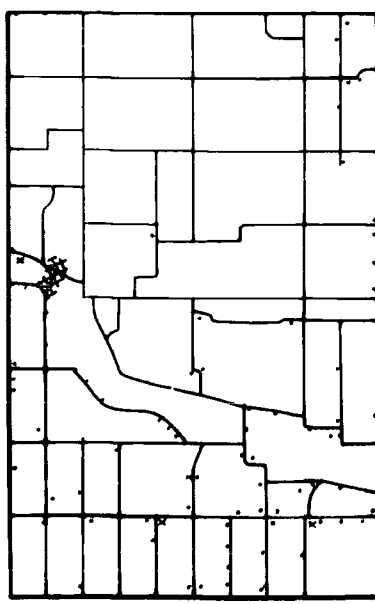
SETTLEMENT FEATURES IN SAME
AREA - FROM GENERAL HIGHWAY
MAP, CLINTON COUNTY, 63360 (1960)
(copy of enlargement)

mile

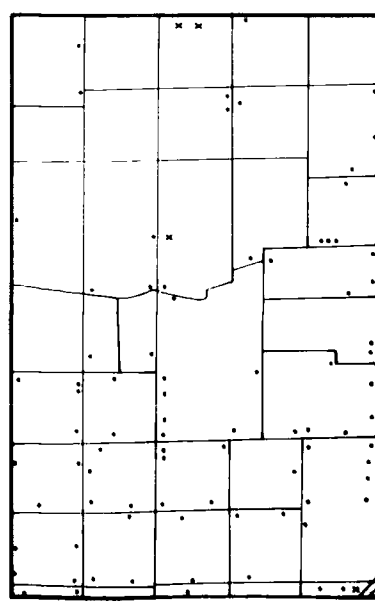


RURAL SETTLEMENT IN SELECTED SECTIONS OF INDIANA - THE EASTERN CORN BELT (from 1937 highway maps)

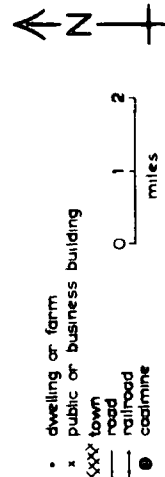
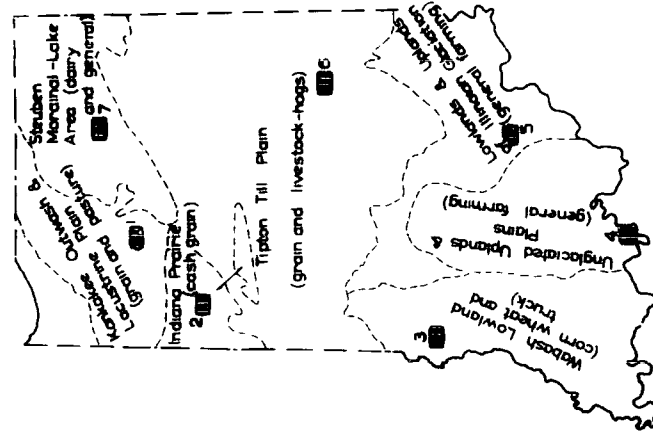
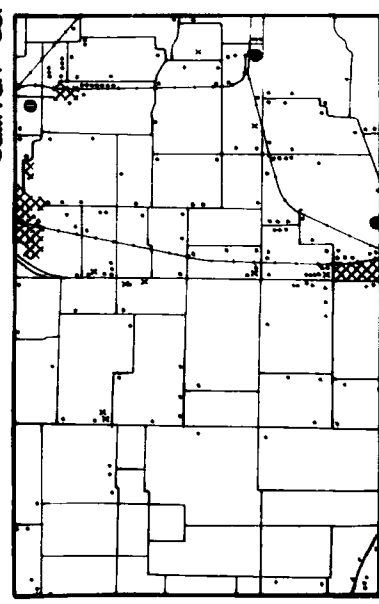
Pulaski Co.



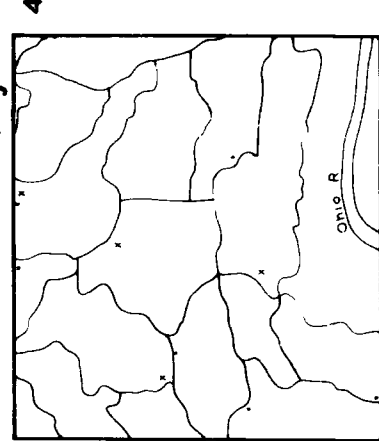
Benton Co.



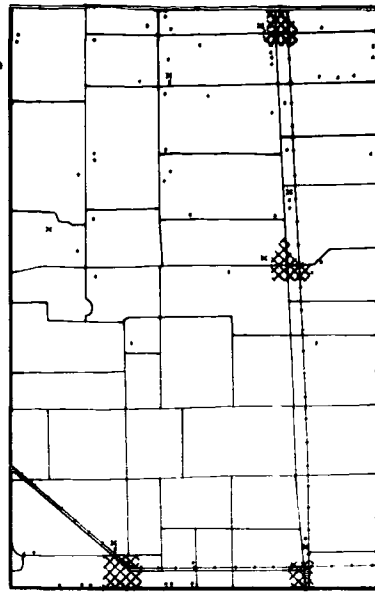
Sullivan Co.



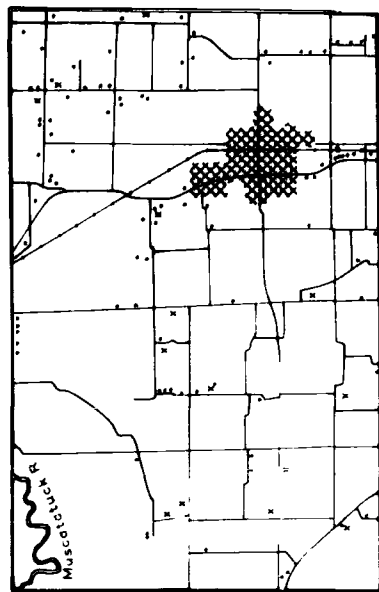
Perry Co.



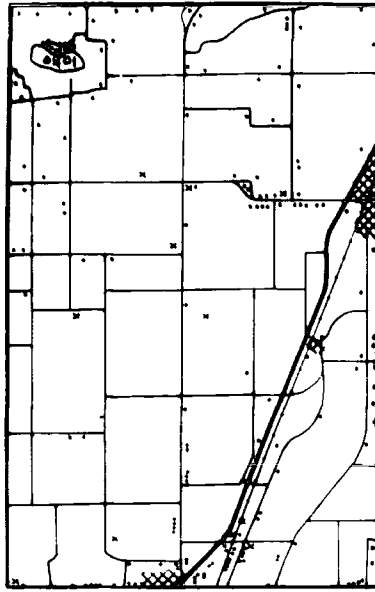
Henry Co.



Scott Co.

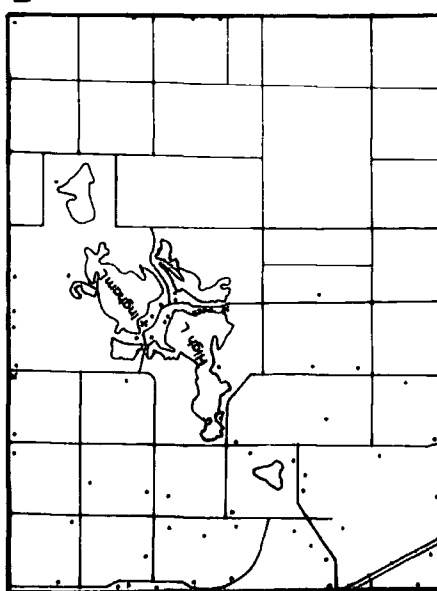


Kosciusko Co.

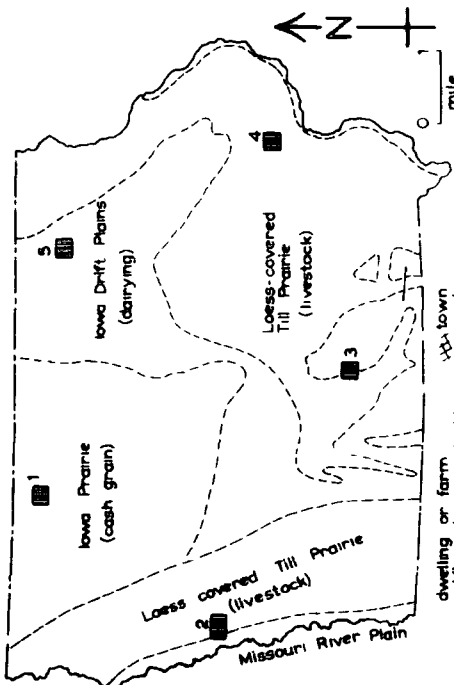
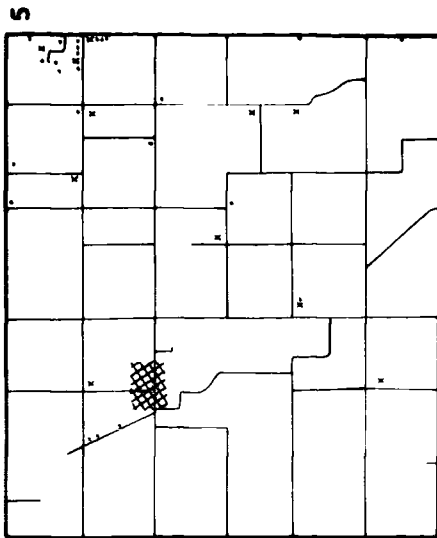


RURAL SETTLEMENT IN SELECTED SECTIONS OF IOWA - THE CENTRAL CORN BELT (from 1960 highway maps)

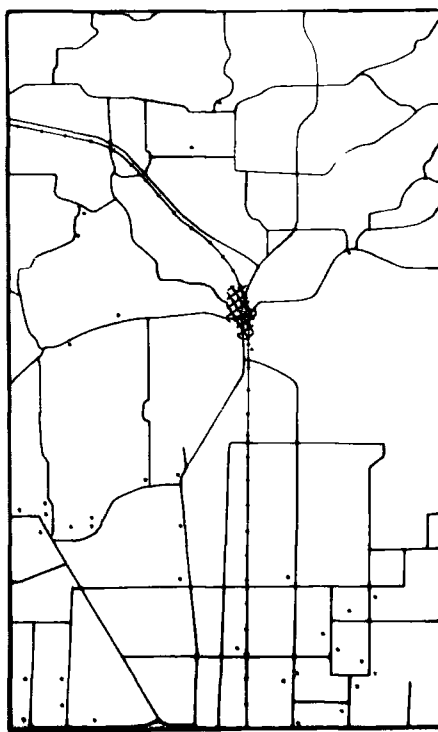
Emmet Co



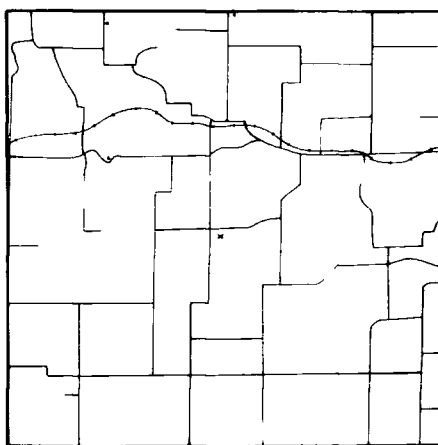
Chickasaw Co



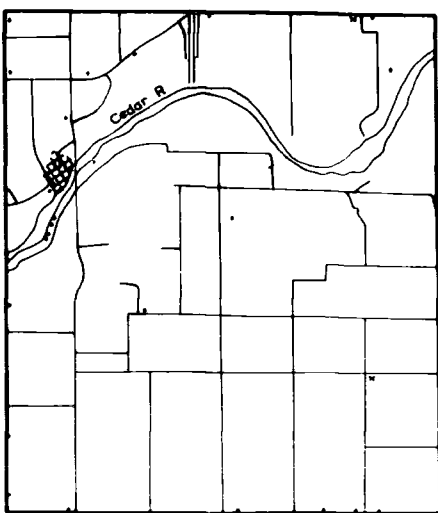
Monona Co



Lucas Co

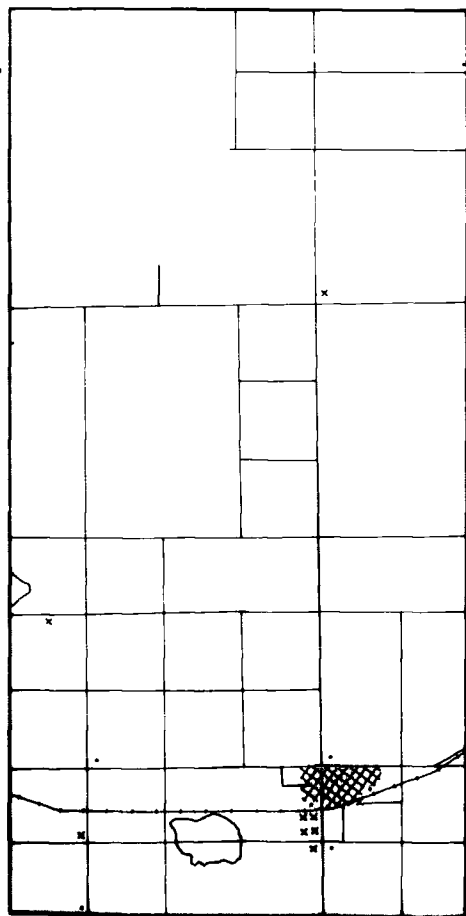


Cedar Co

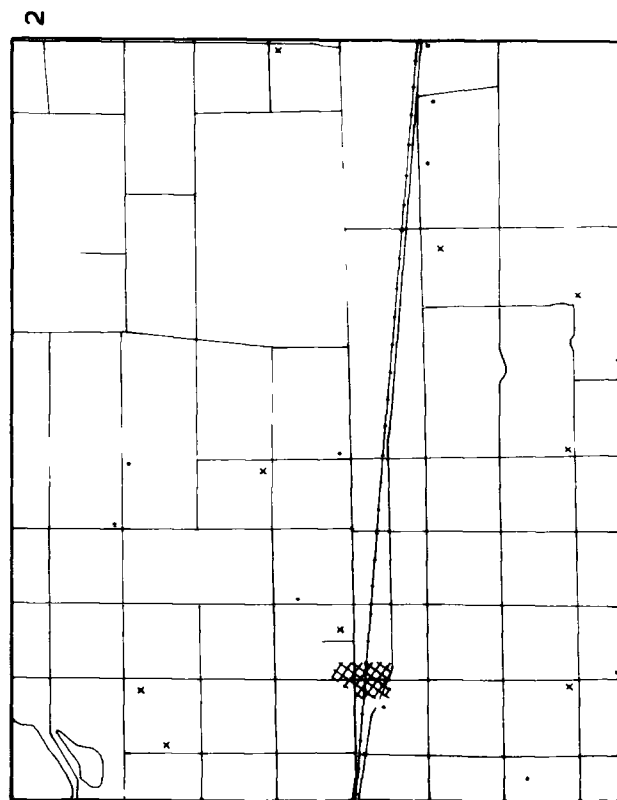


RURAL SETTLEMENT IN SELECTED SECTIONS OF SOUTH DAKOTA - THE WESTERN CORN BELT BORDER (from 1959 highway maps)

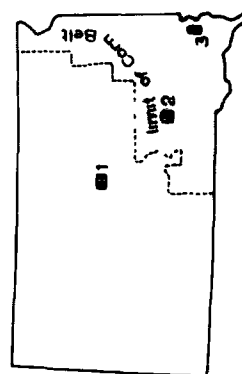
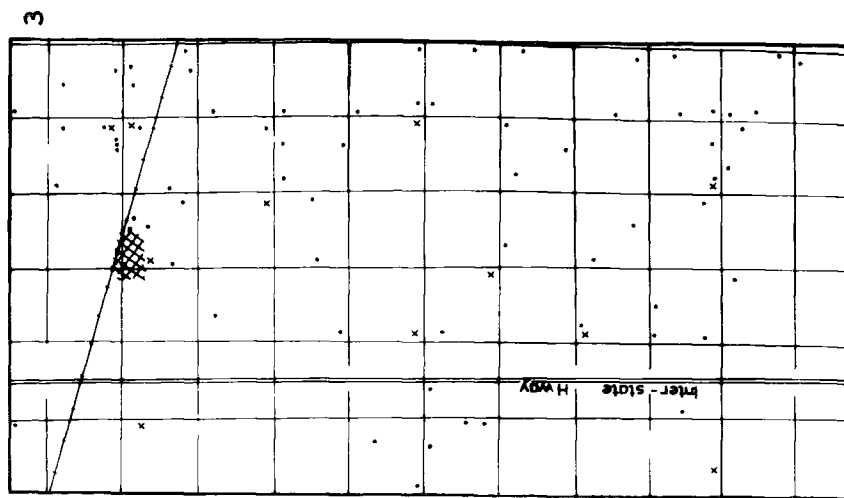
Sully Co



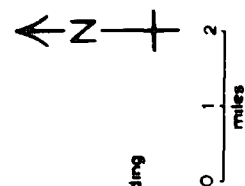
Aurora Co

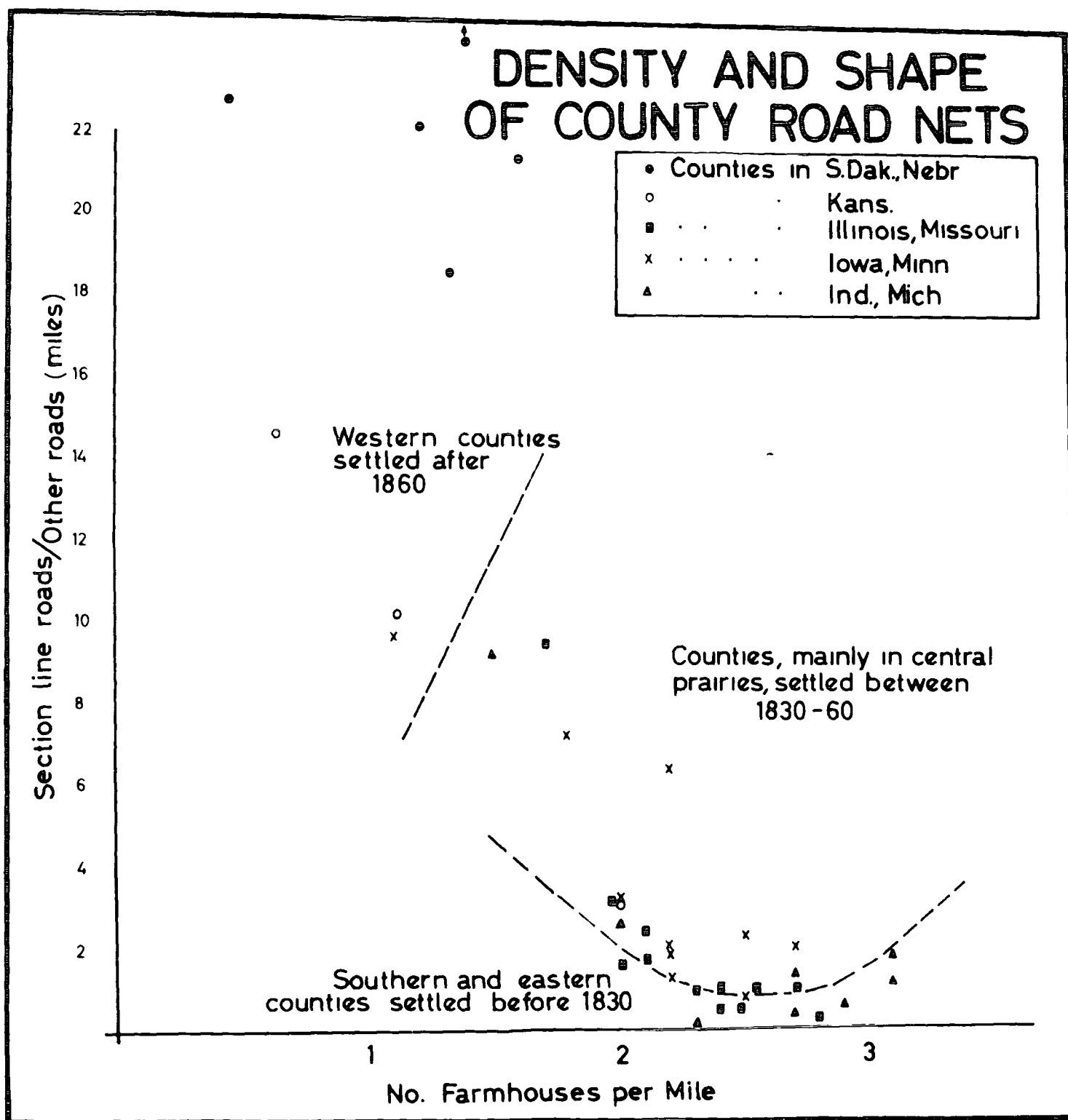


Lincoln Co



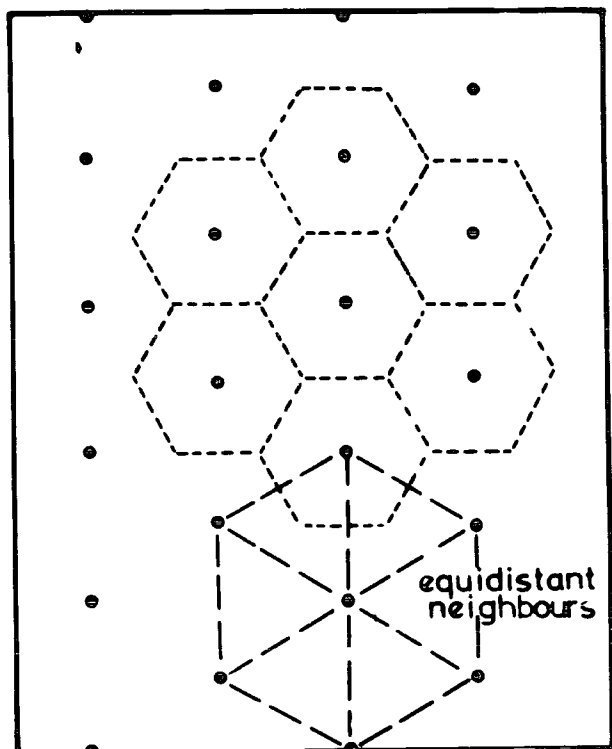
- dwelling or farm
- x public or business building
- road
- railroad
- xxx town





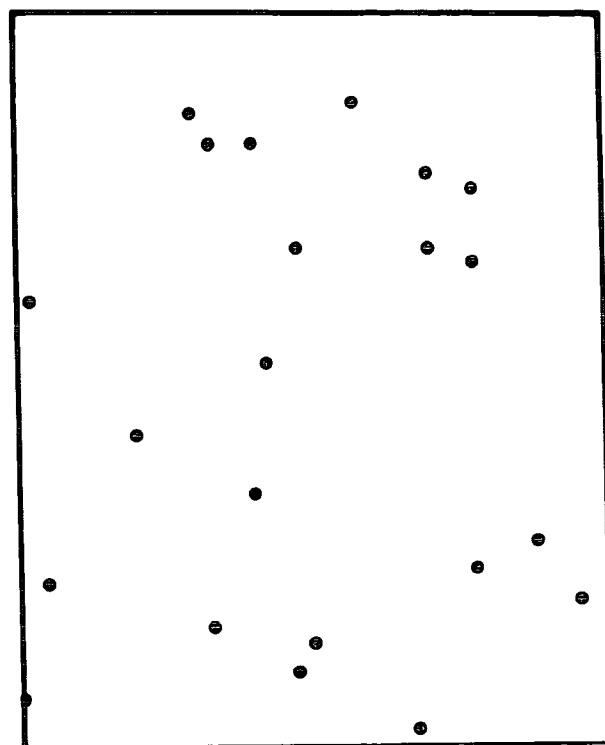
FORMS OF SCATTERING

a.



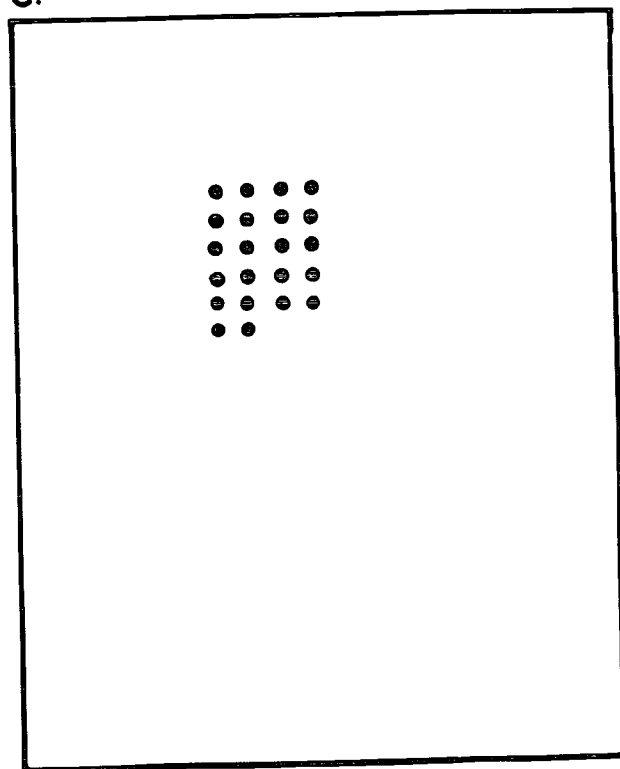
Uniform

b.



Random

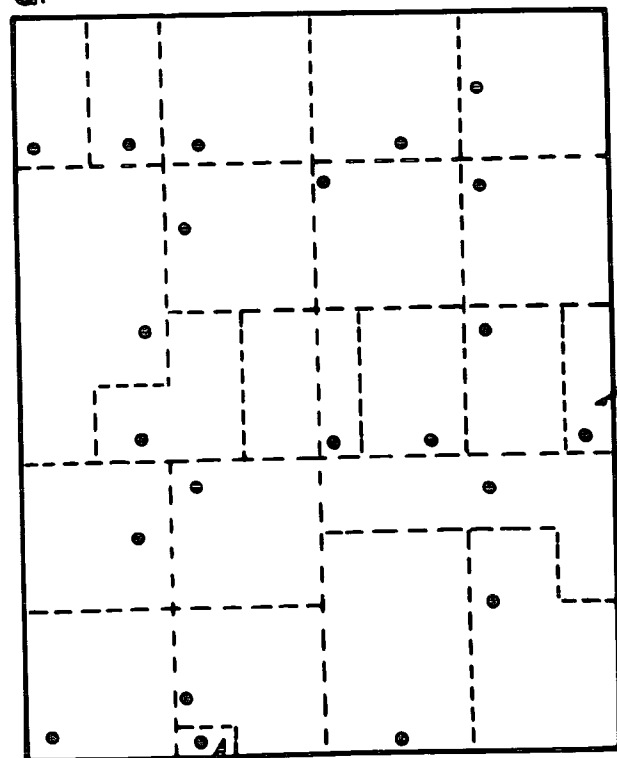
c.



Near Agglomeration

EACH RECTANGLE CONTAINS
22 HOUSES (44/sq.m.)

d.



Regular Corn Belt

MILE

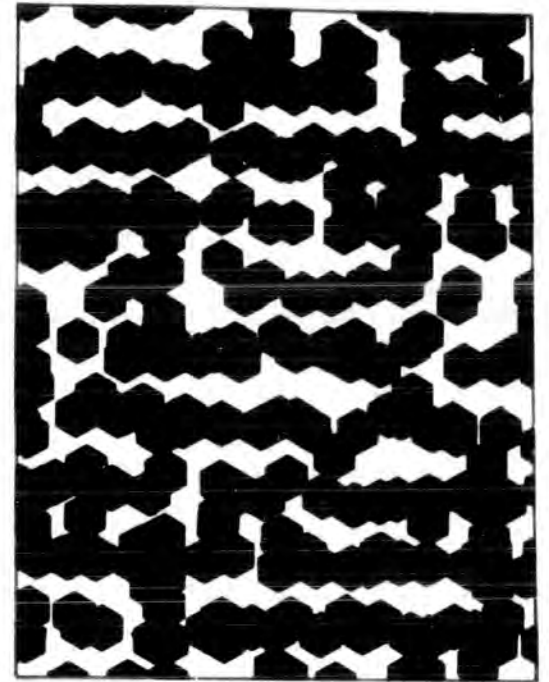
----- FARM BOUNDARY

HEXAGONAL PATTERN MAPS

THAYER Co.



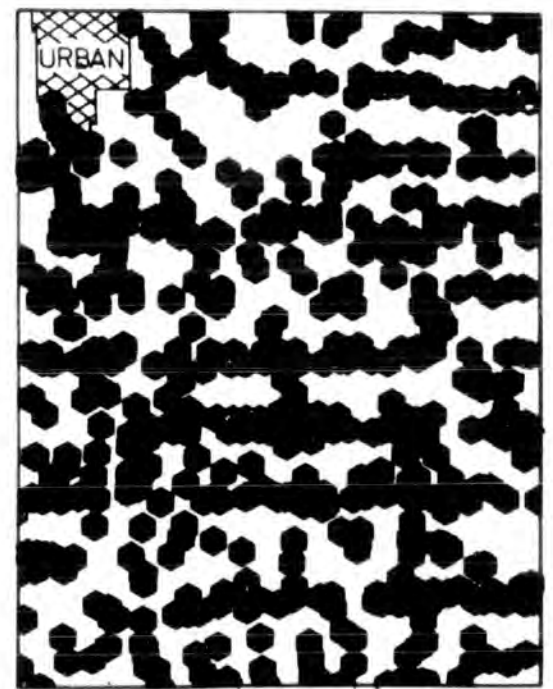
LIVINGSTON Co.



ADAIR Co.



HENRY Co.

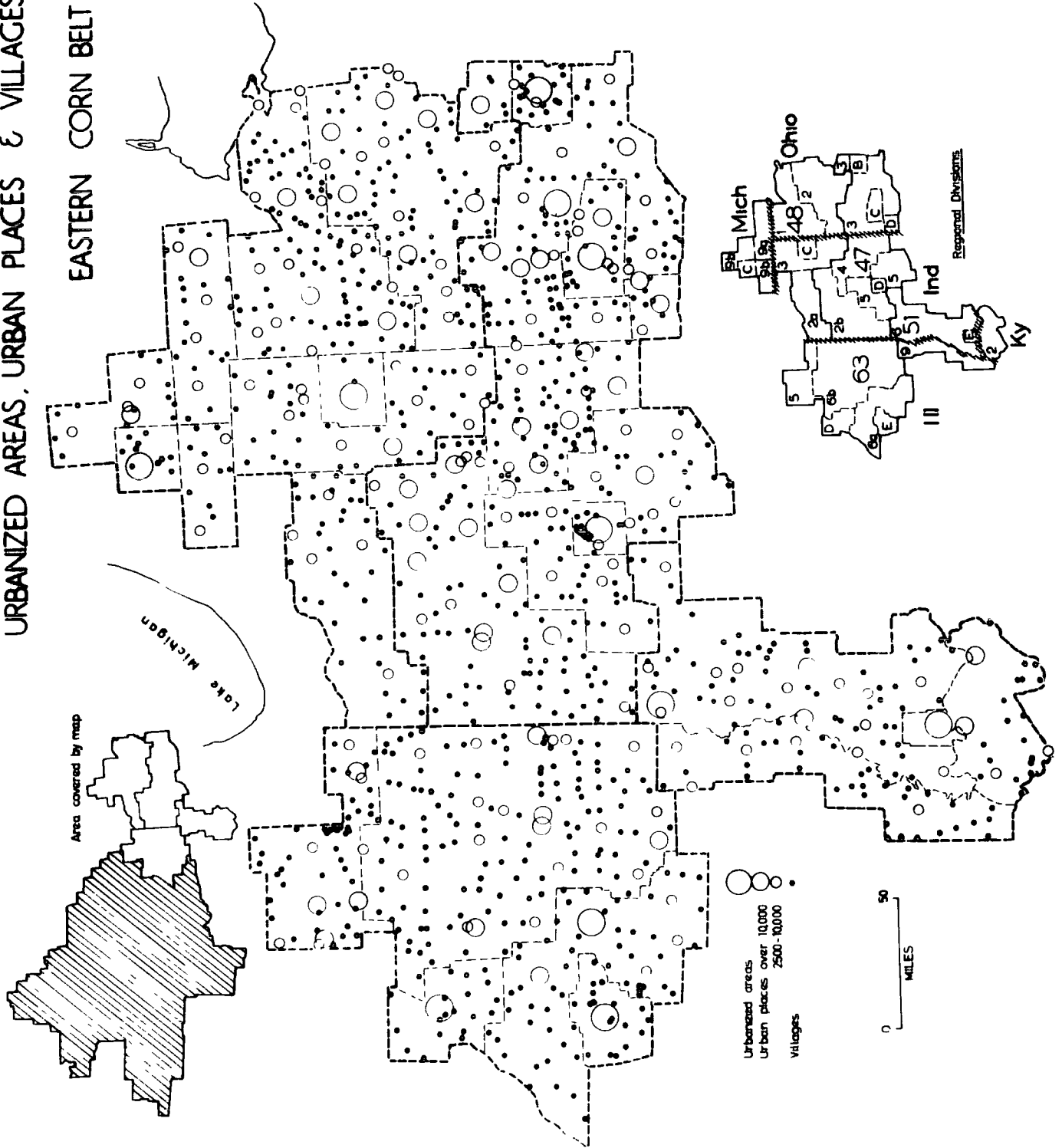


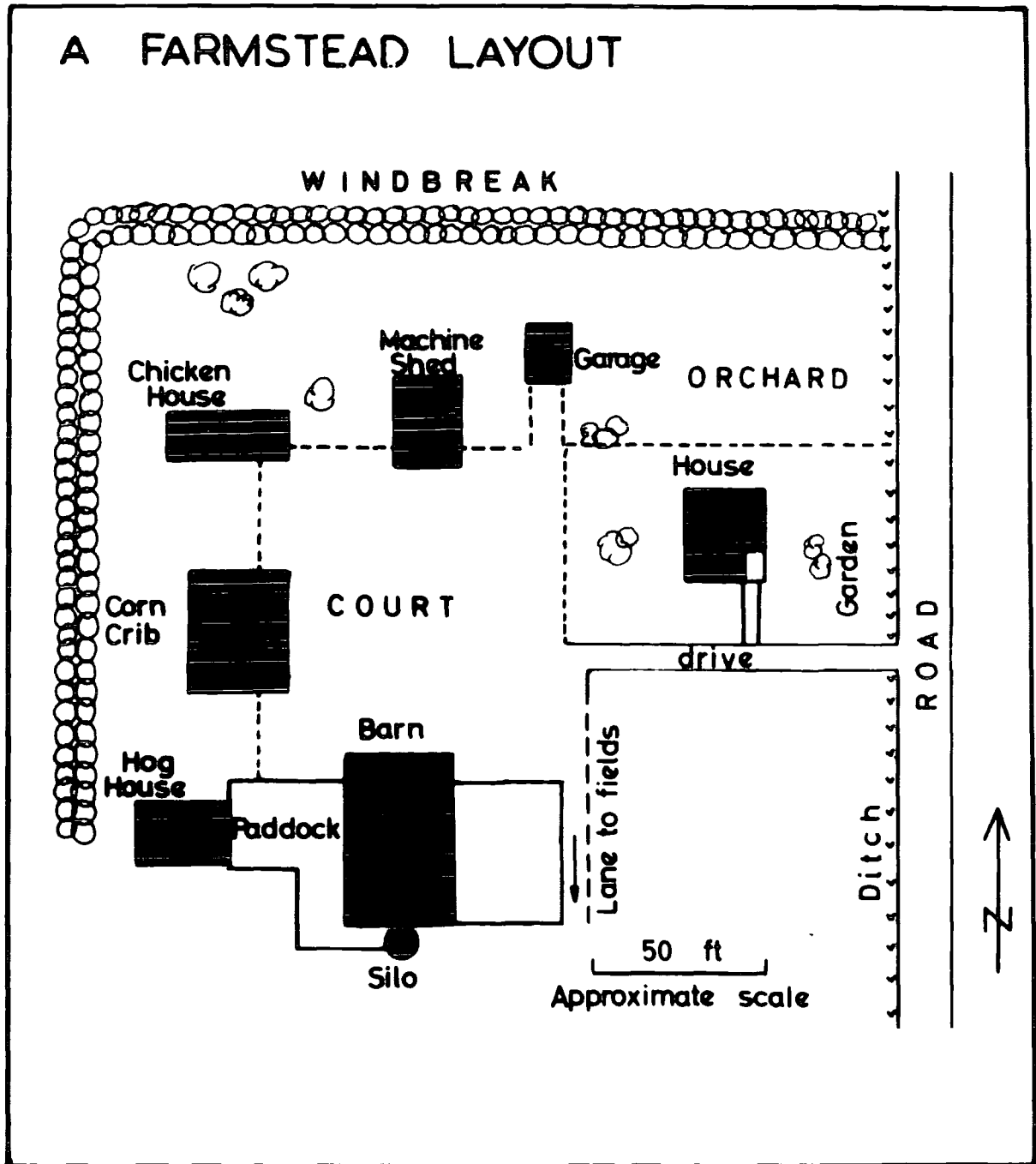
0 1 2
MILES

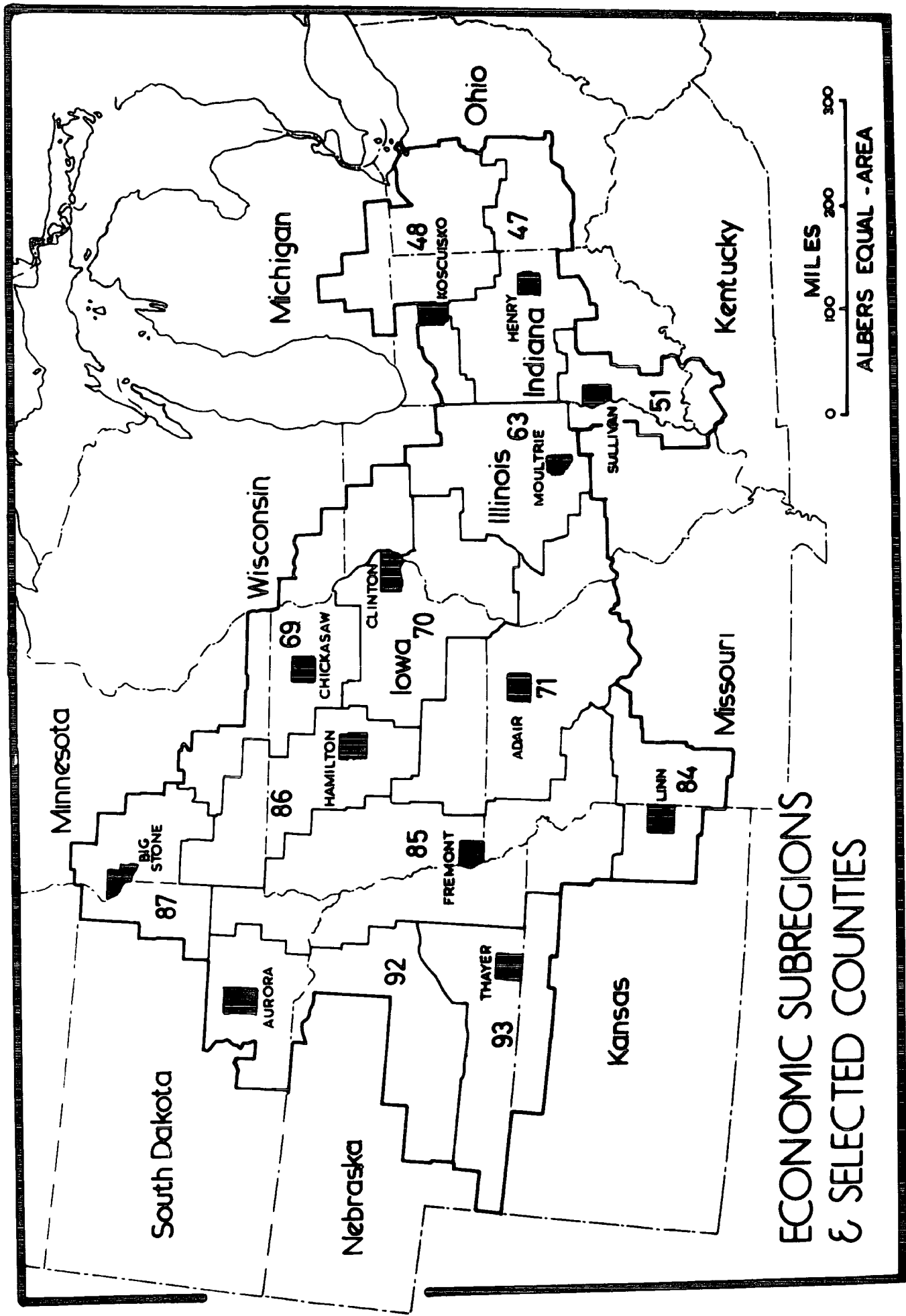
See text for description

URBANIZED AREAS, URBAN PLACES & VILLAGES

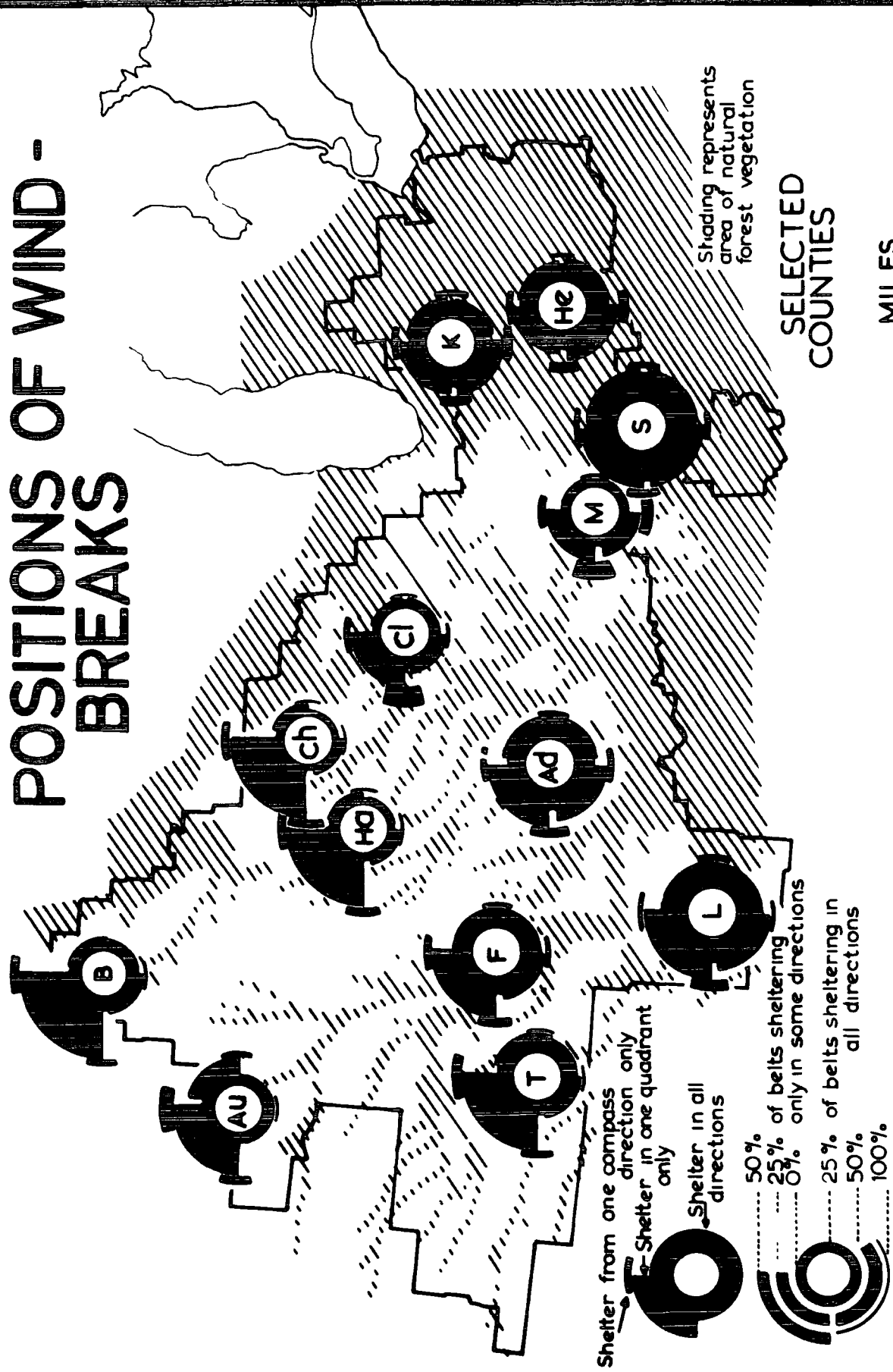
EASTERN CORN BELT





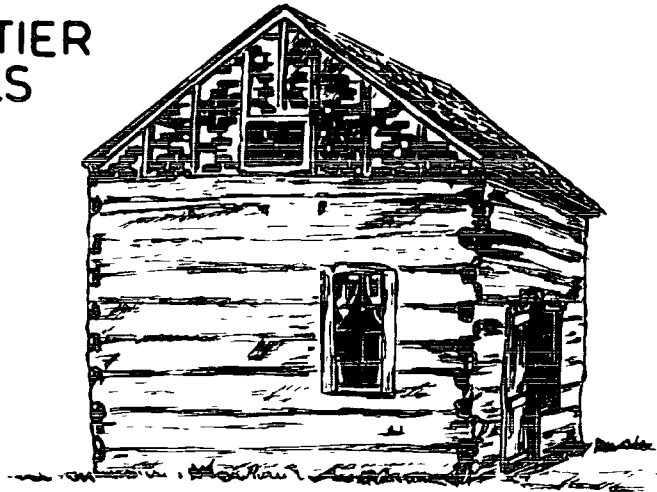


POSITIONS OF WIND - BREAKS

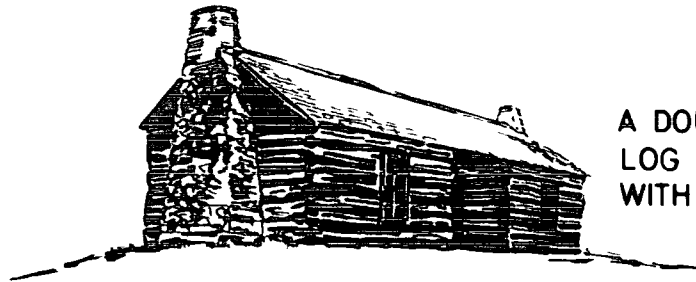


NB The scale for belts sheltering only in some directions (ie one quadrant or one direction) is two times that for all-round belts

FRONTIER HOUSES

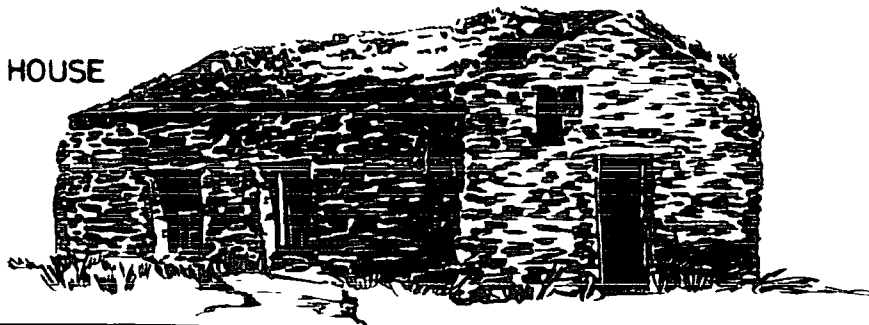


A SINGLE PEN
LOG CABIN

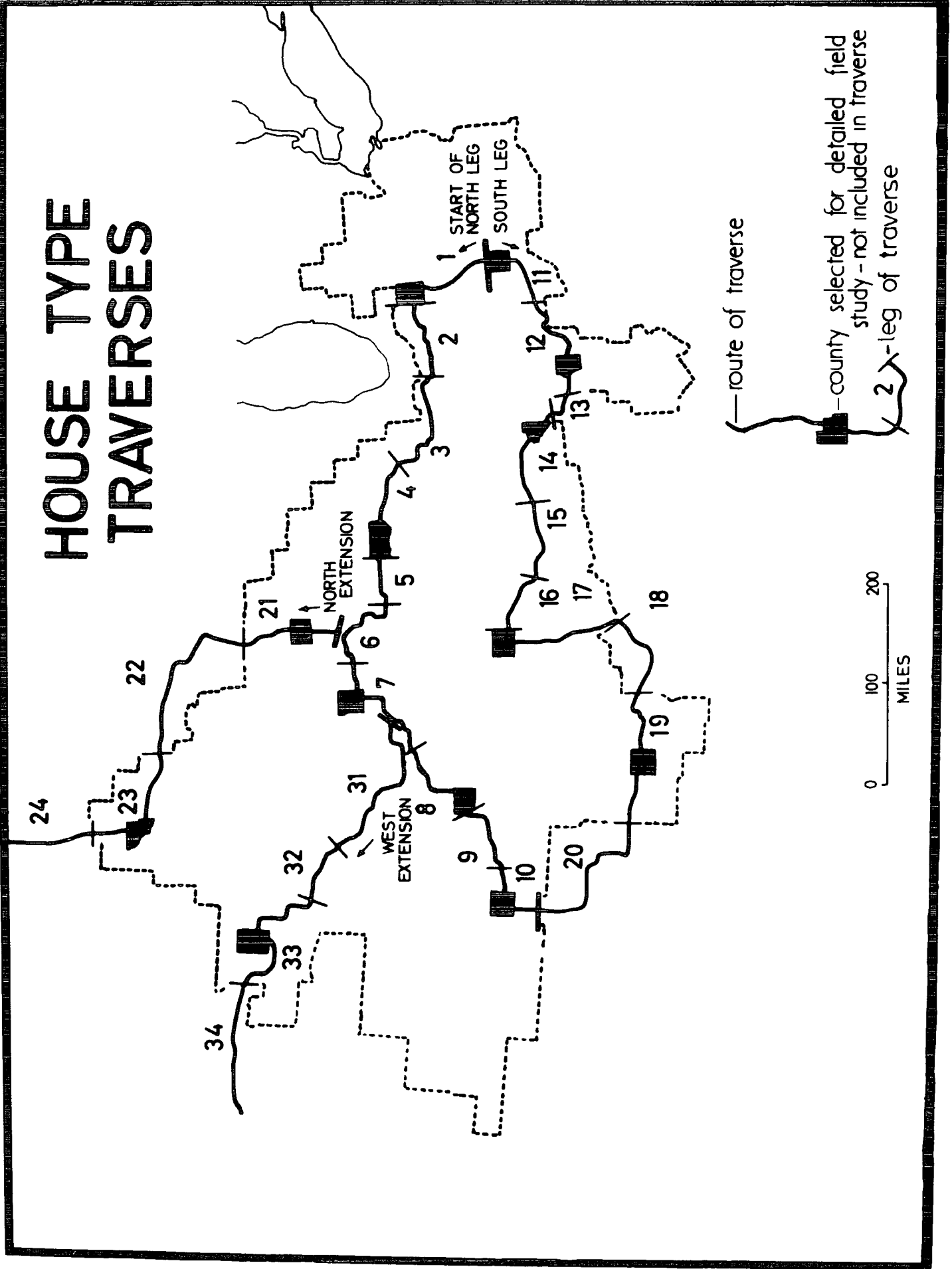


A DOUBLE PEN
LOG CABIN
WITH DOG-TROT

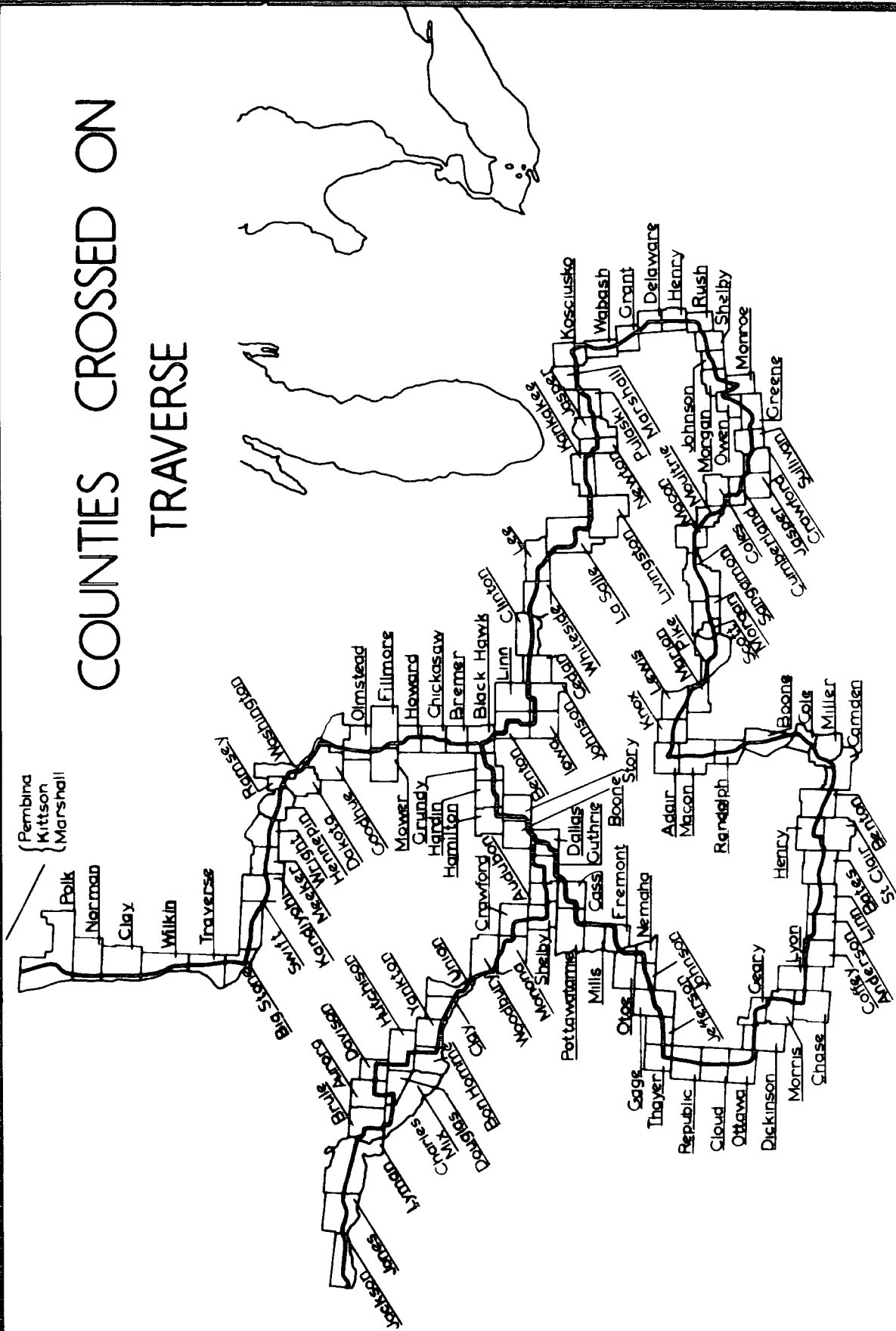
A SOD HOUSE



HOUSE TYPE TRAVERSES



COUNTIES CROSSED ON TRAVERSE



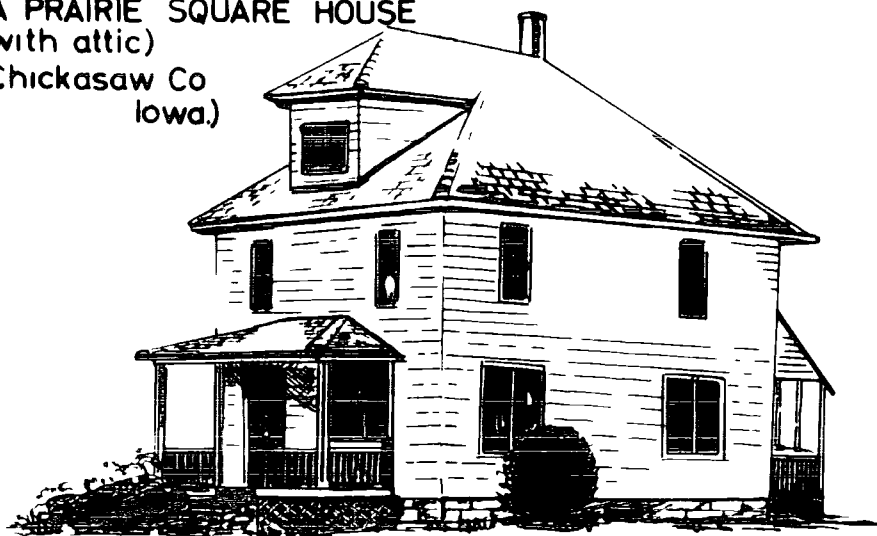
A PRAIRIE TEE HOUSE
(Hamilton Co Iowa.)



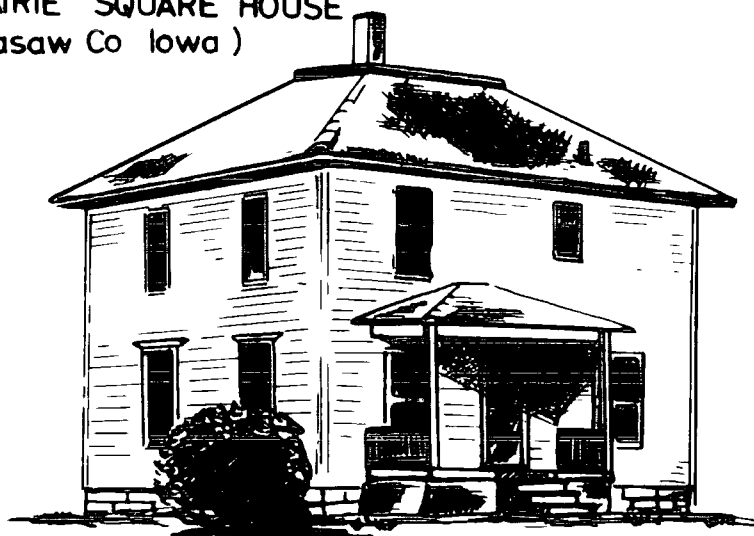
A RECTANGULAR HOUSE
(Adair Co. Missouri.)

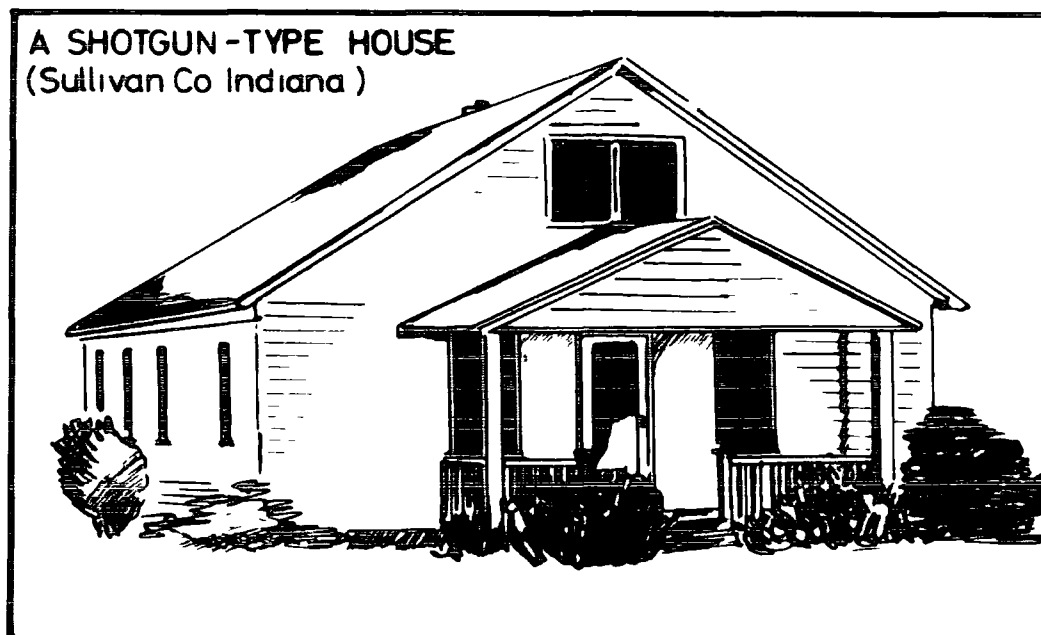
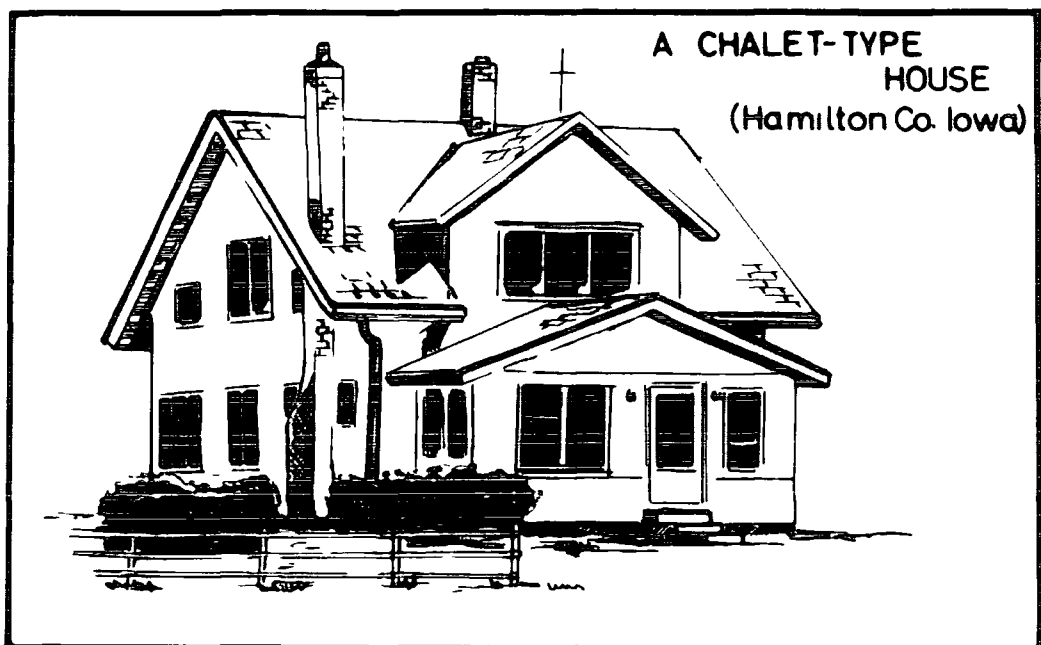


A PRAIRIE SQUARE HOUSE
(with attic)
(Chickasaw Co
Iowa.)



A PRAIRIE SQUARE HOUSE
(Chickasaw Co Iowa)





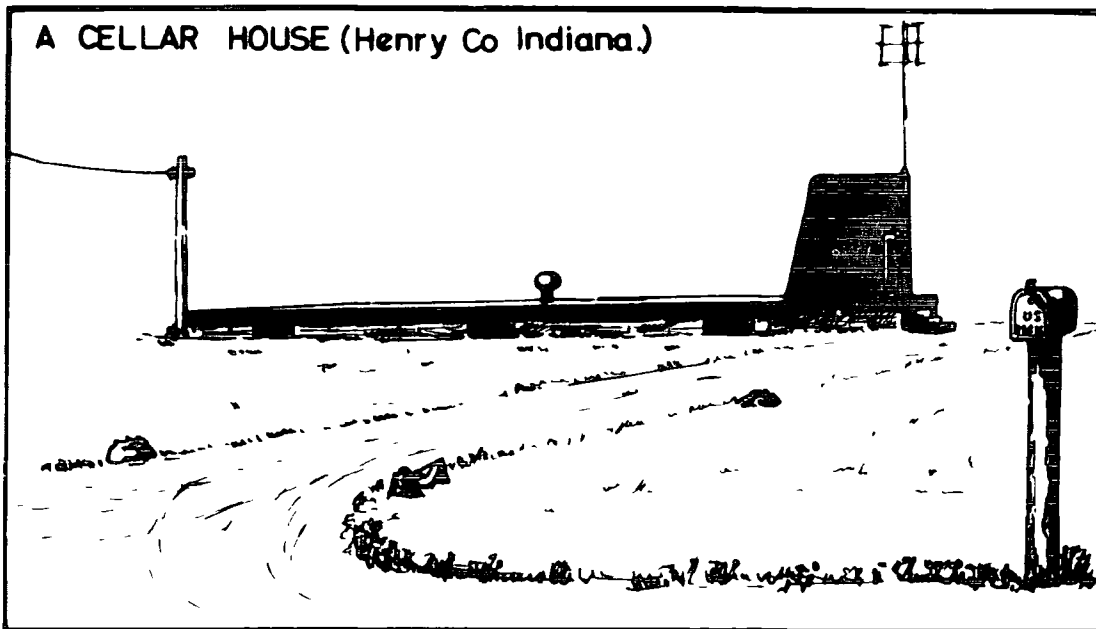
A RANCH - TYPE BUNGALOW
(Monroe Co Indiana.)



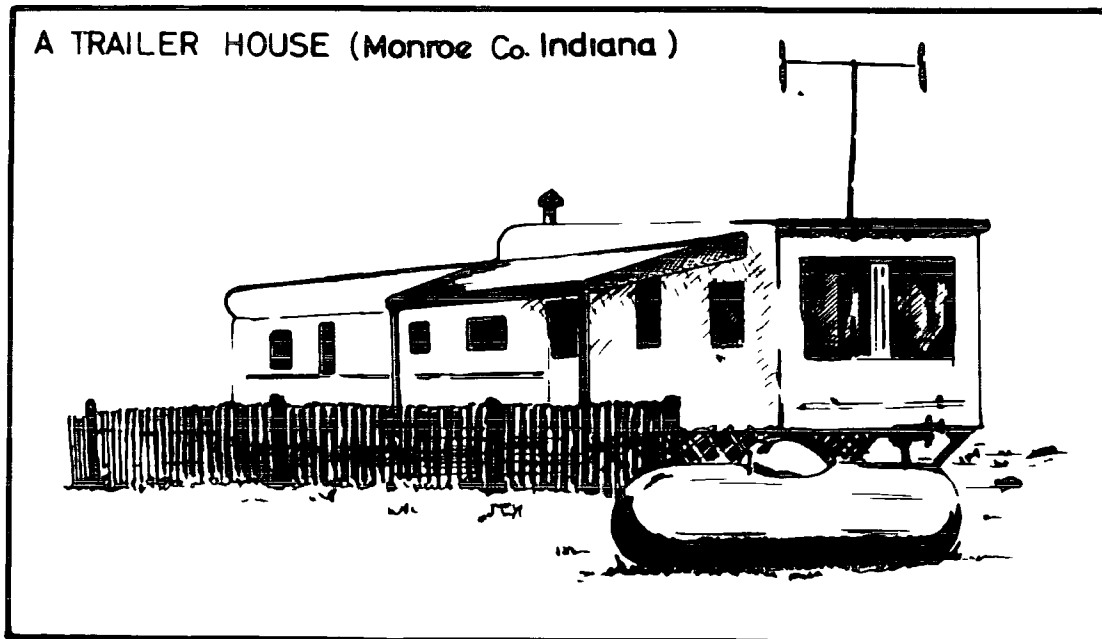
A STANDARD - STYLE BUNGALOW (Monroe Co Indiana.)

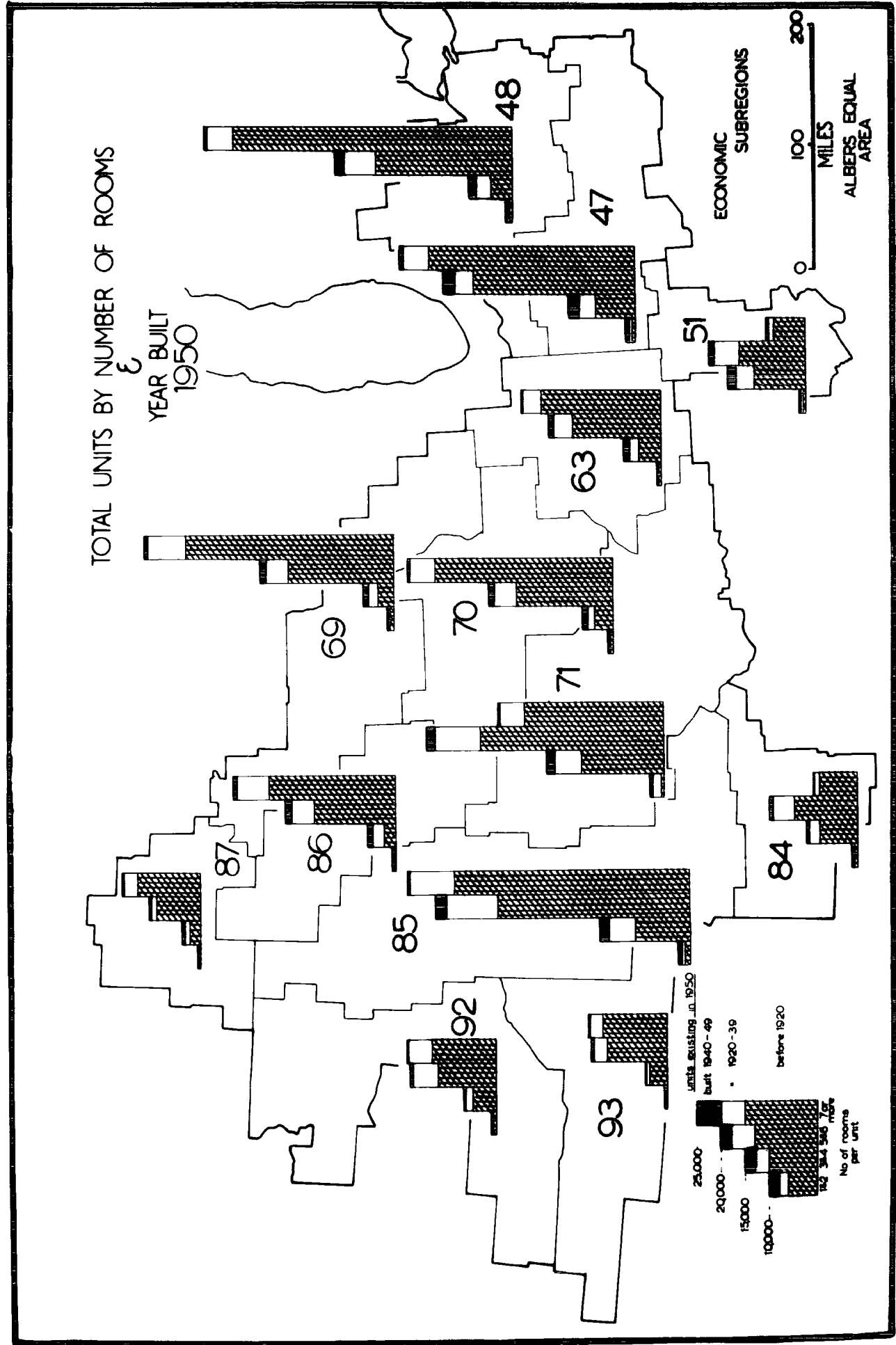


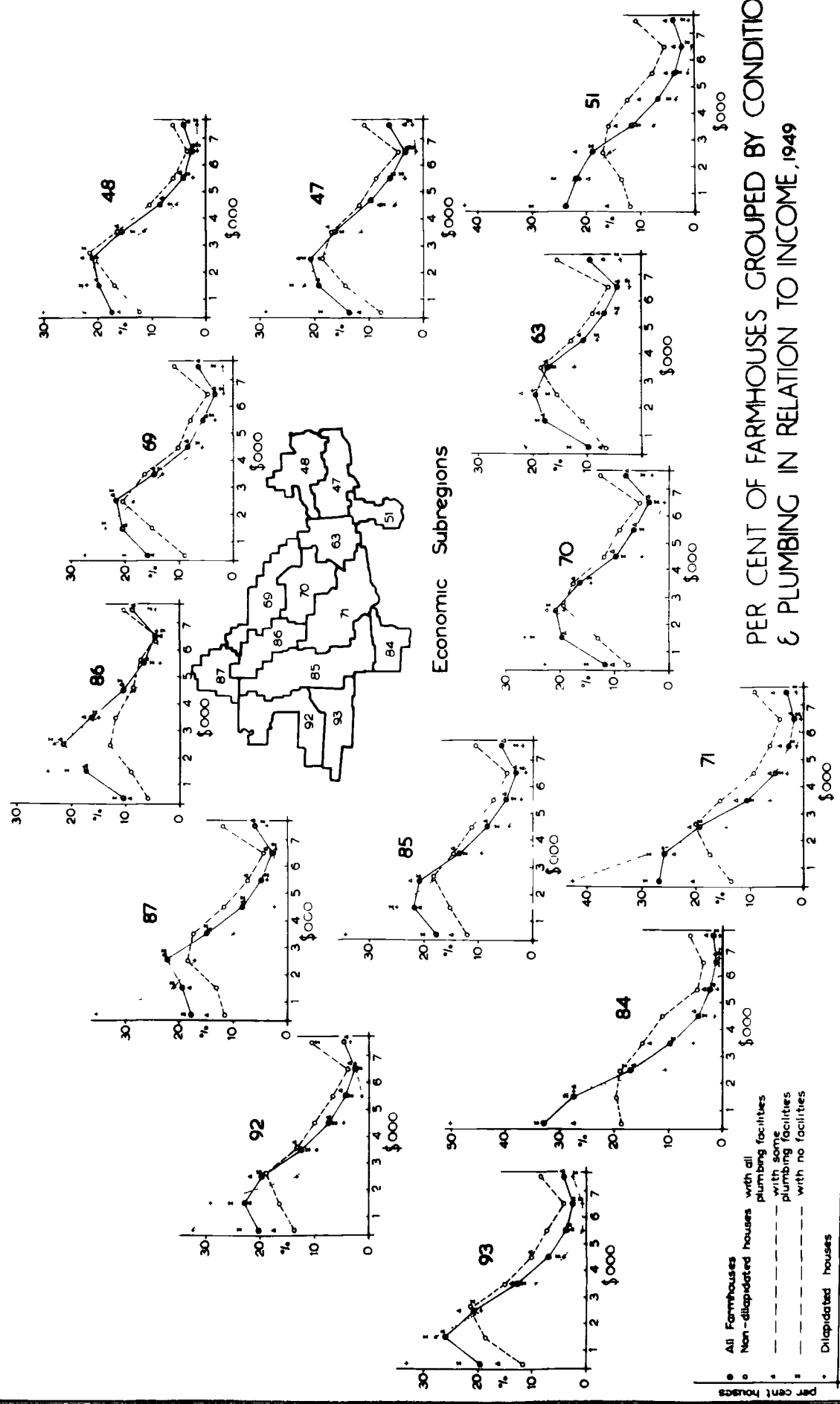
A CELLAR HOUSE (Henry Co Indiana.)



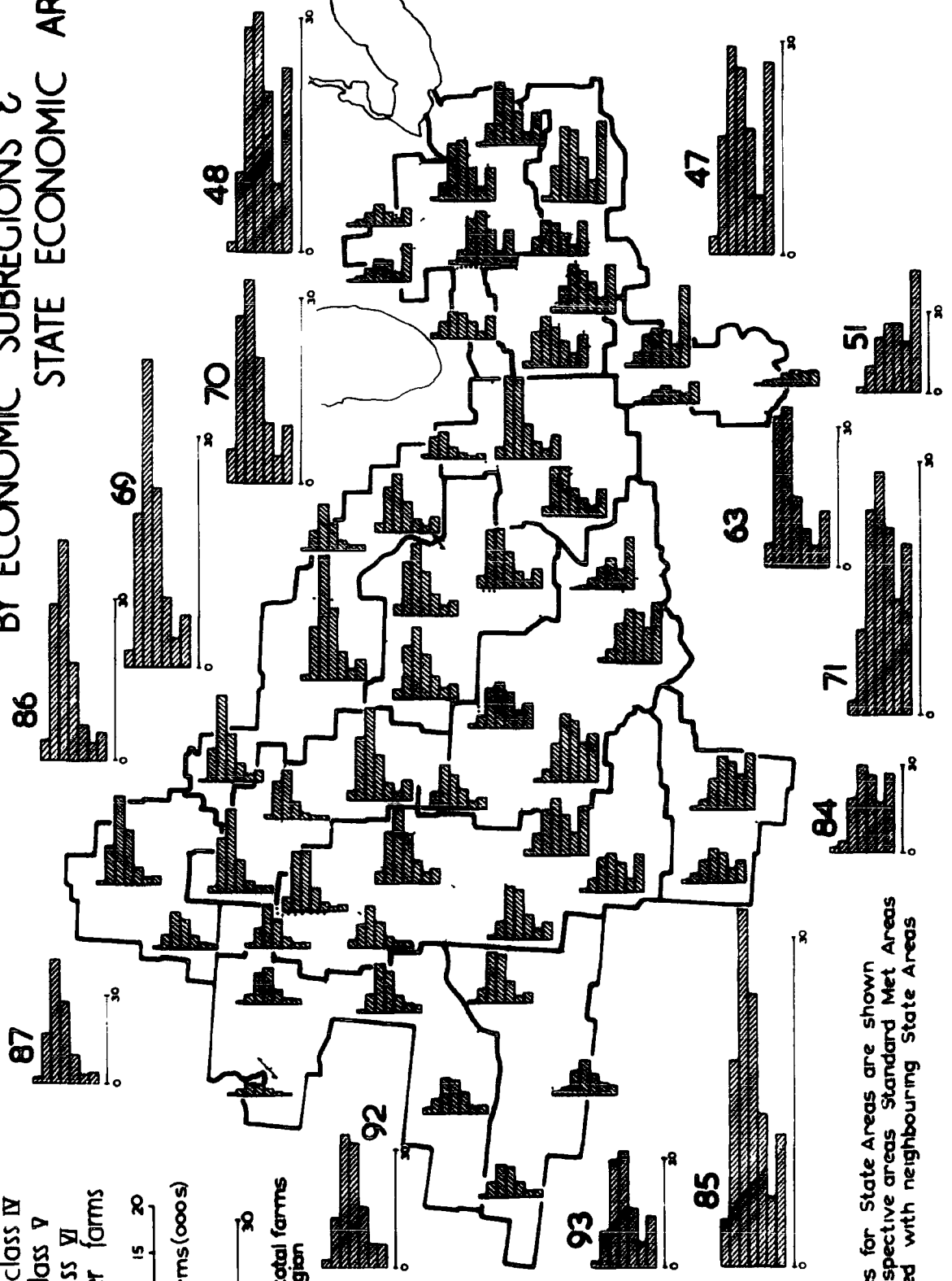
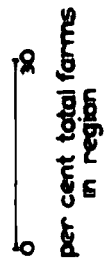
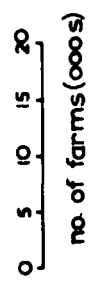
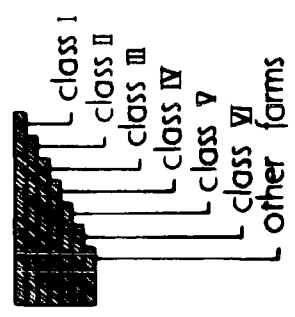
A TRAILER HOUSE (Monroe Co. Indiana)





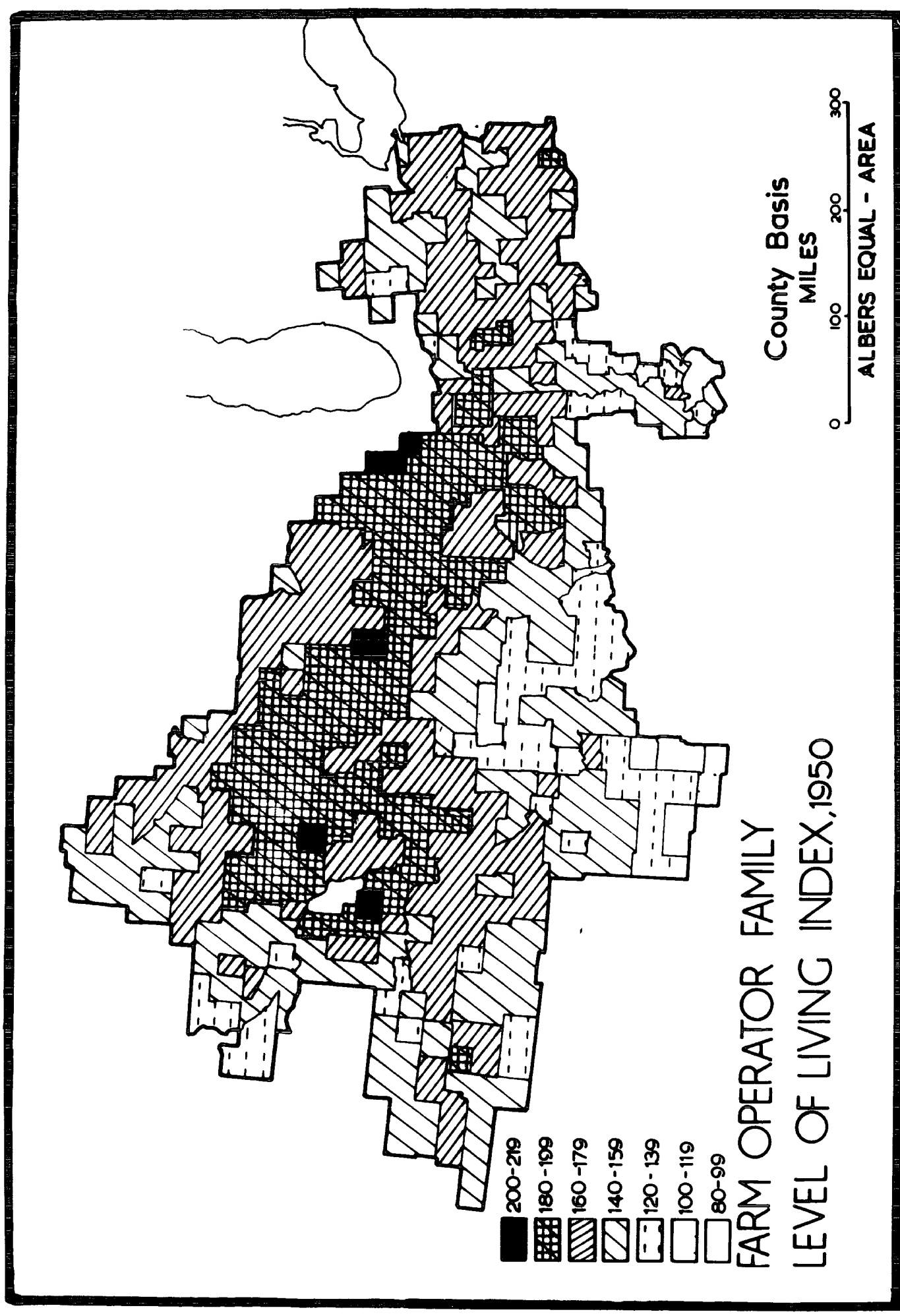


FARMS BY ECONOMIC CLASS 1950 BY ECONOMIC SUBREGIONS & STATE ECONOMIC AREAS

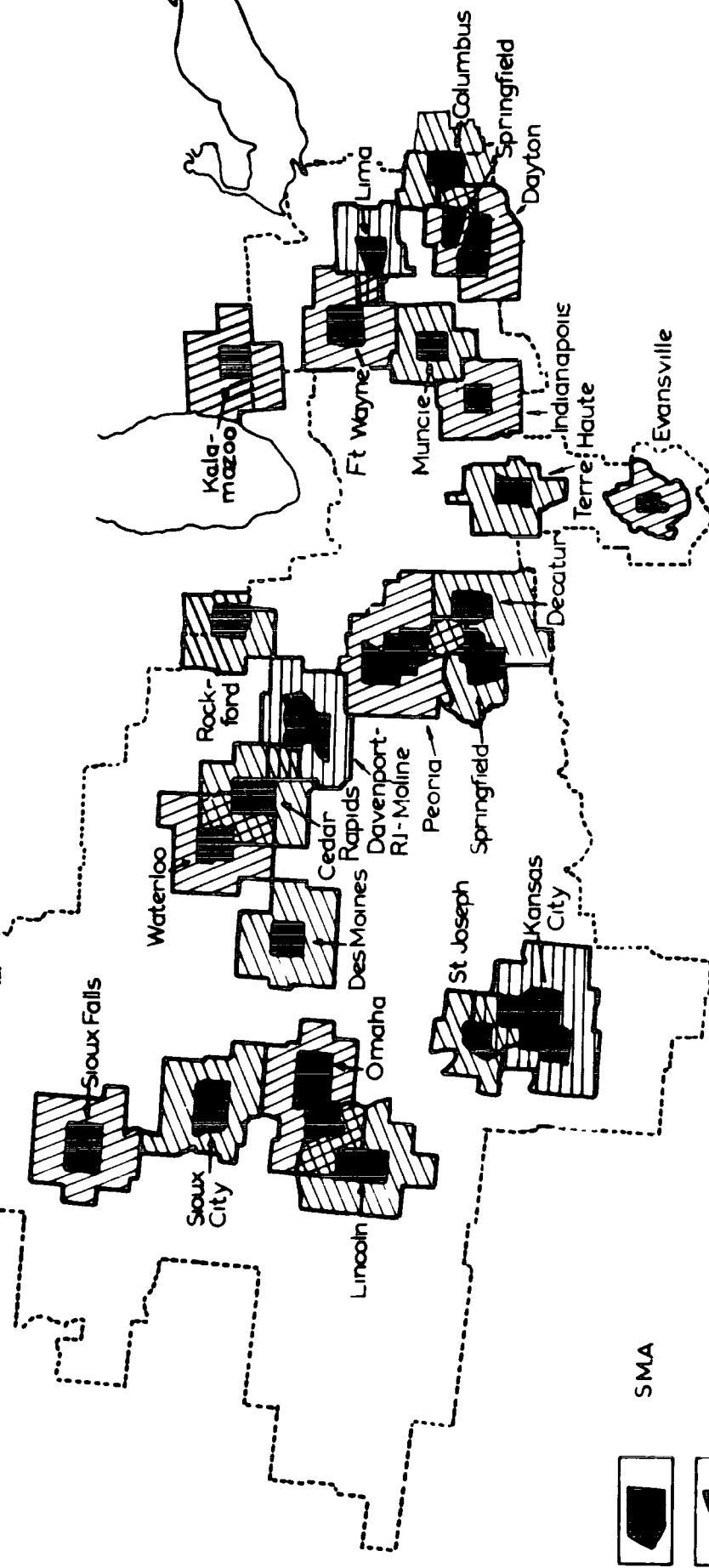


Farm Classes for State Areas are shown in their respective areas. Standard Met Areas are combined with neighbouring State Areas.

Farm Classes for Economic Subregions are shown bordering the Corn Belt.



STANDARD METROPOLITAN AREAS & THEIR FRINGE COUNTIES



SMA

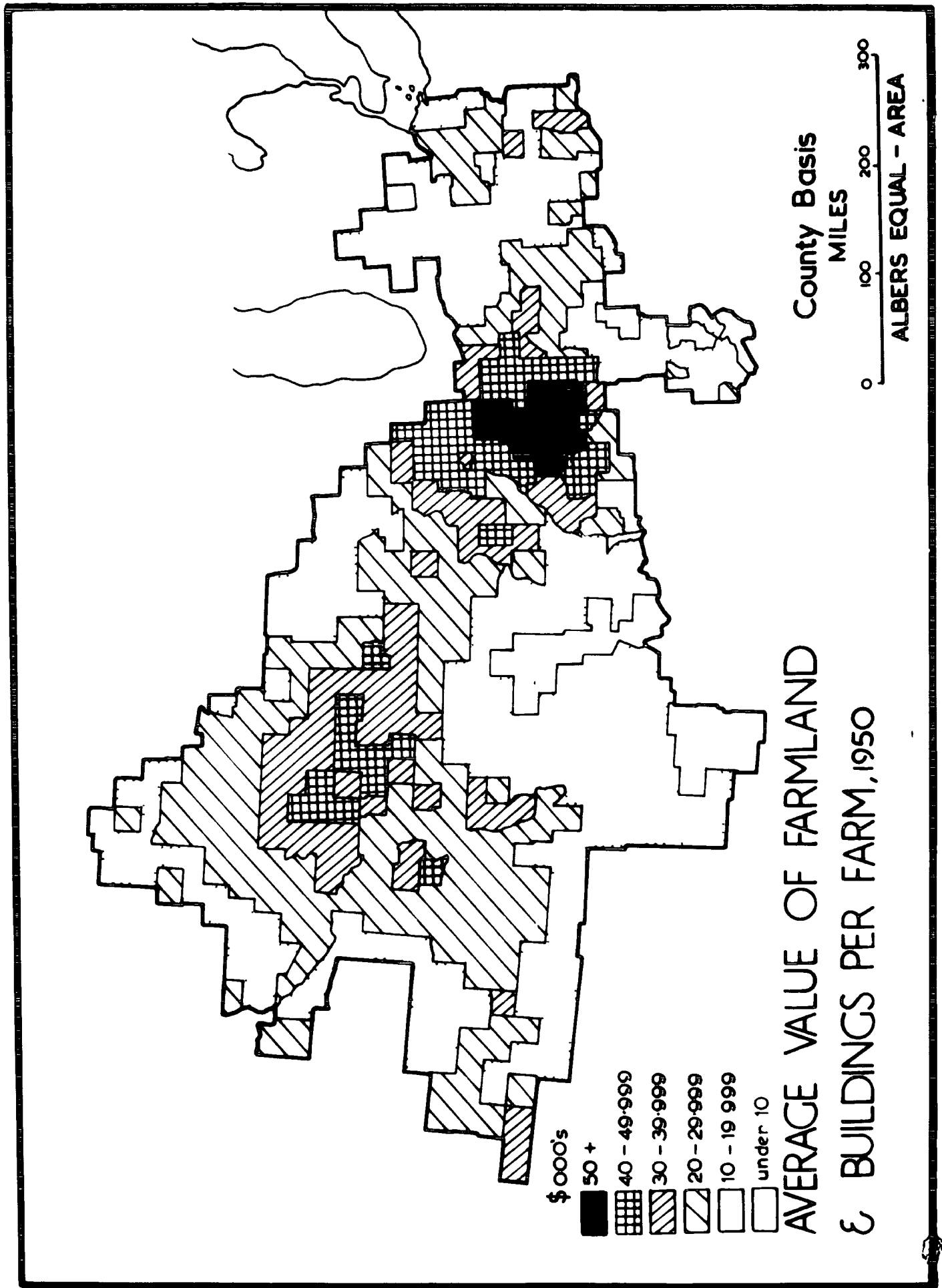
Counties adjacent
to SMA

Fringe overlap

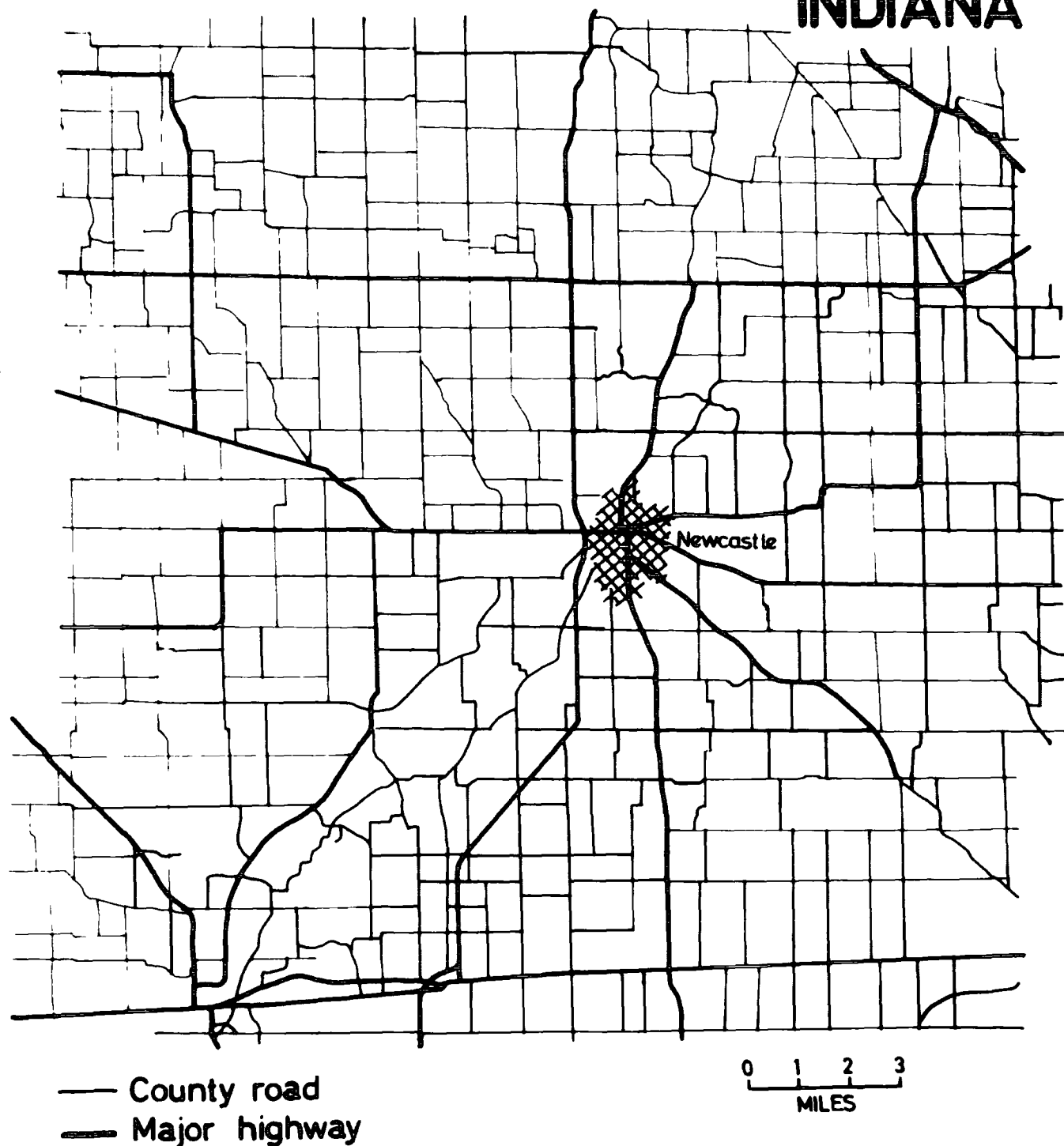
Corn Belt Boundary

MILES
0 100 200 300

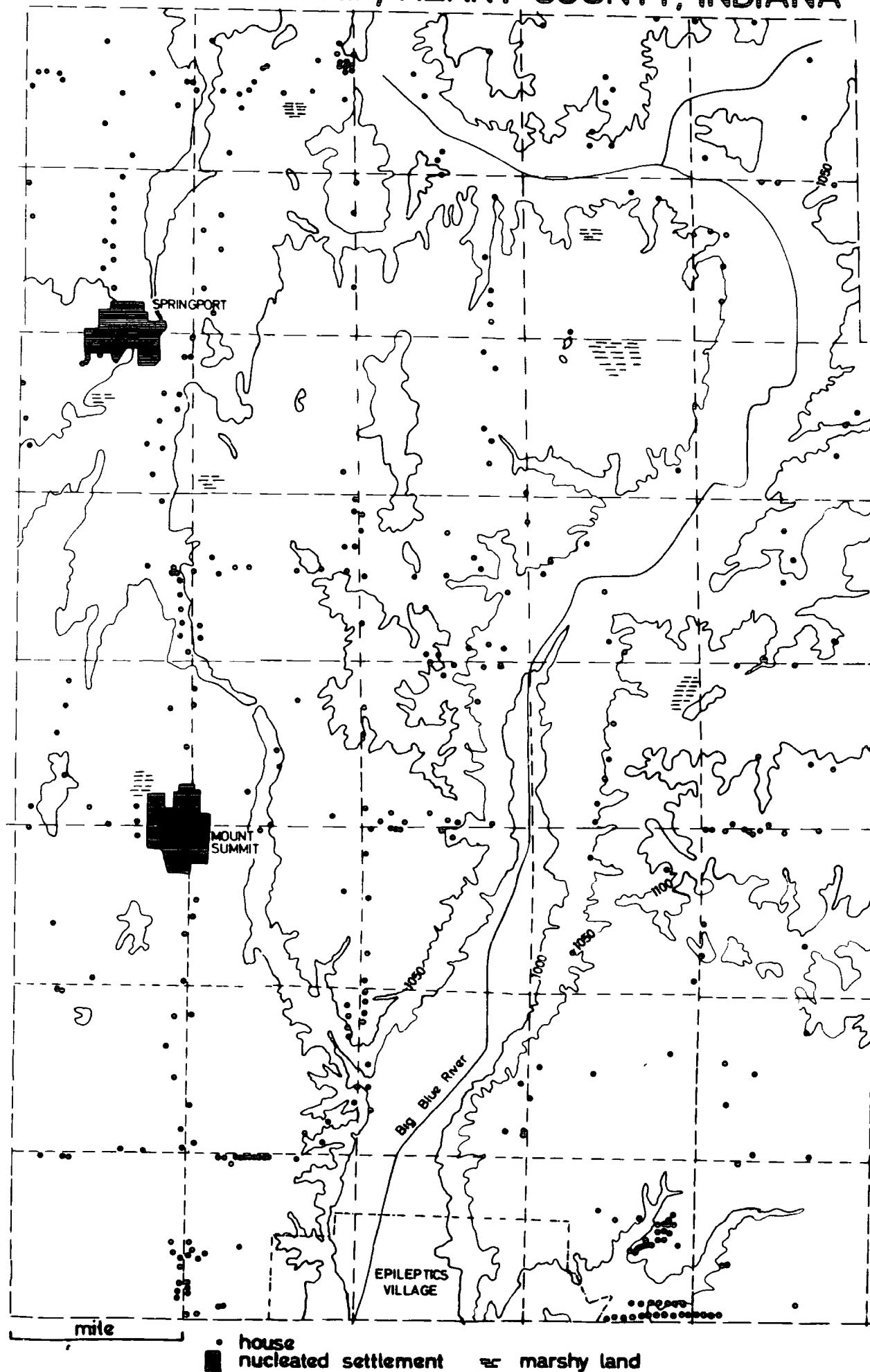
ALBERS EQUAL-AREA



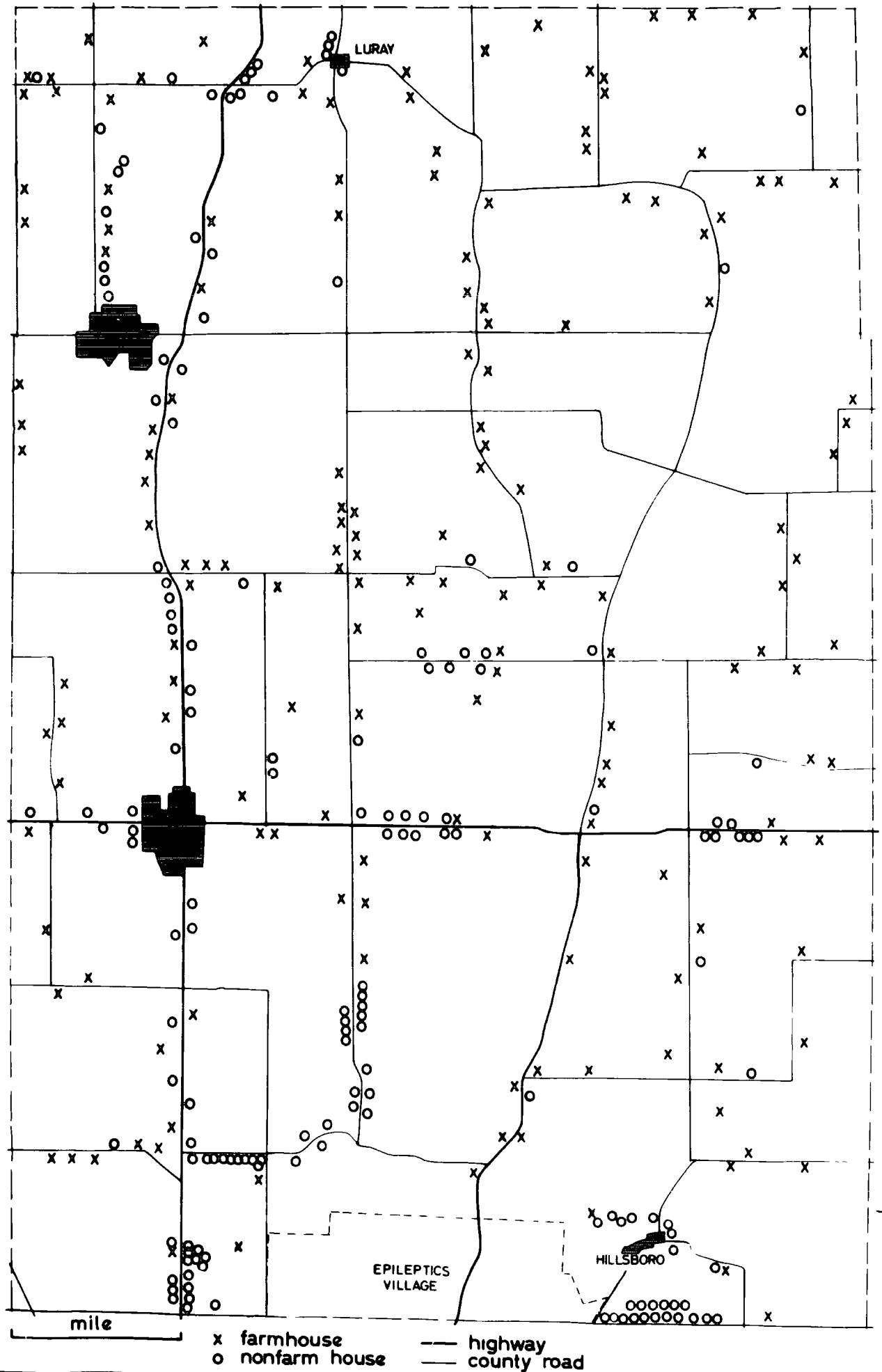
ROAD NETWORK, HENRY COUNTY, INDIANA



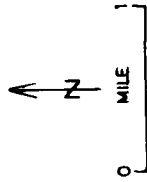
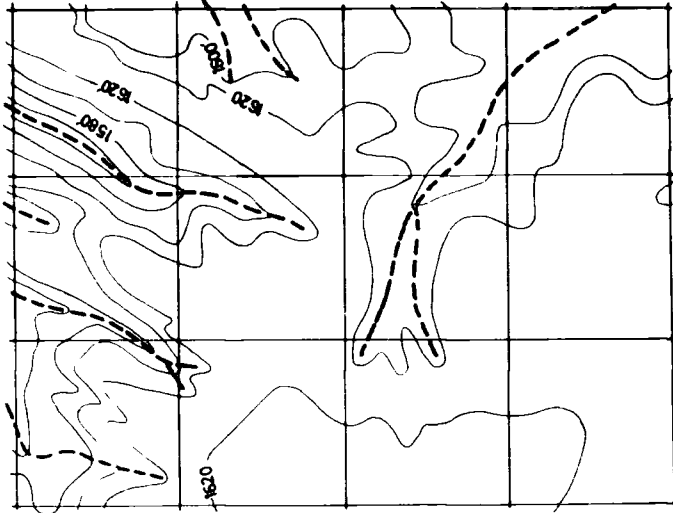
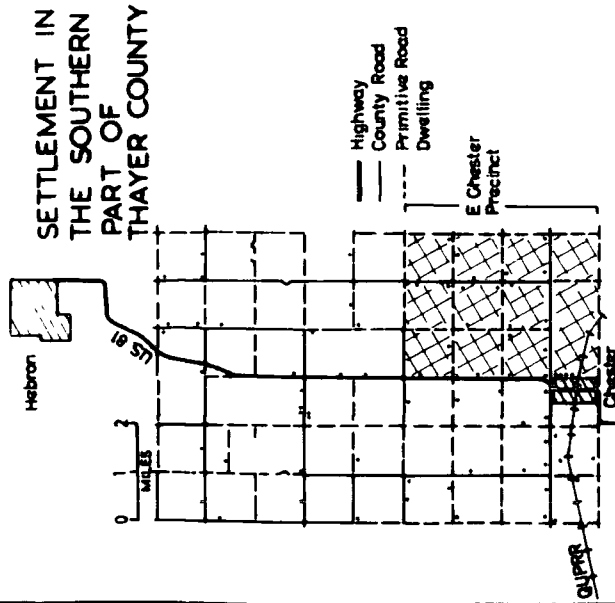
PRAIRIE TOWNSHIP, HENRY COUNTY, INDIANA



FARM AND NONFARM SETTLEMENT IN PRAIRIE TOWNSHIP, 1961

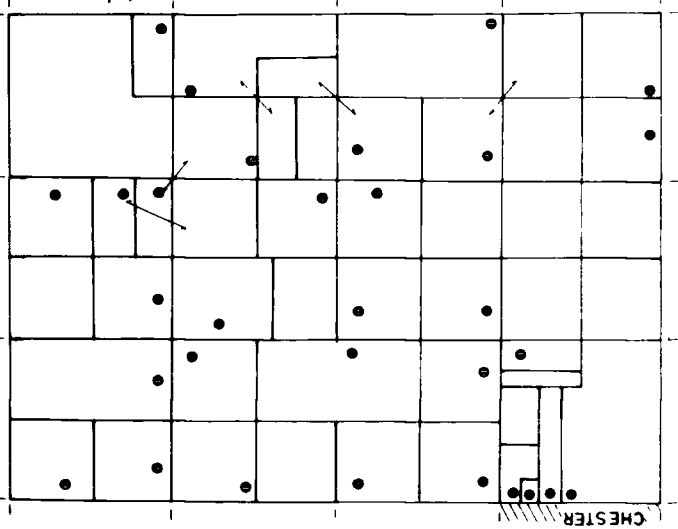


THAYER COUNTY, NEBRASKA



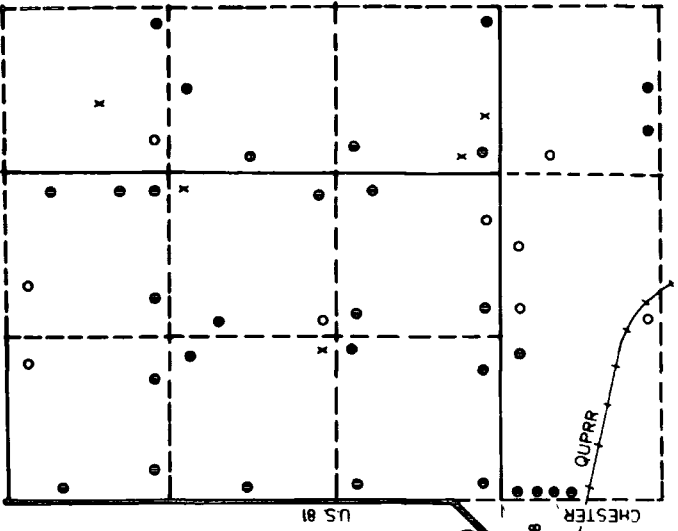
LANDHOLDINGS

- Dwelling
- Property boundary
- Single owner



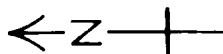
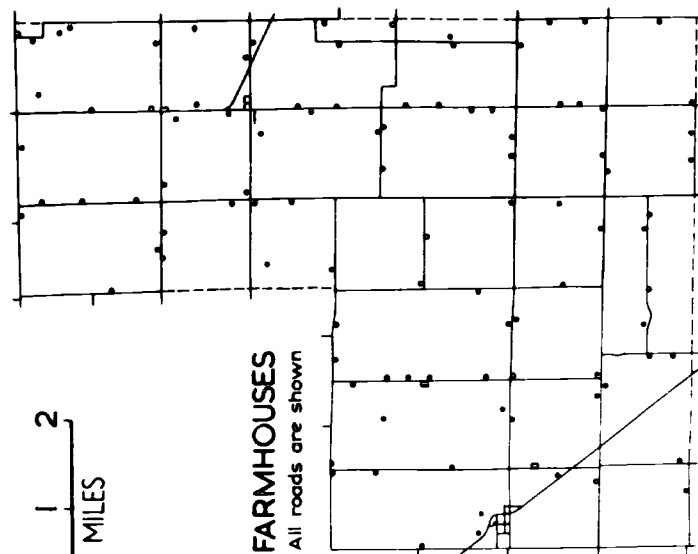
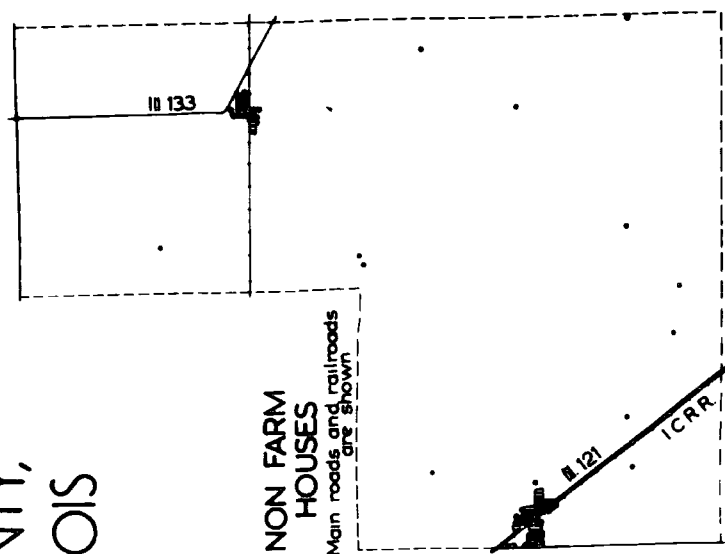
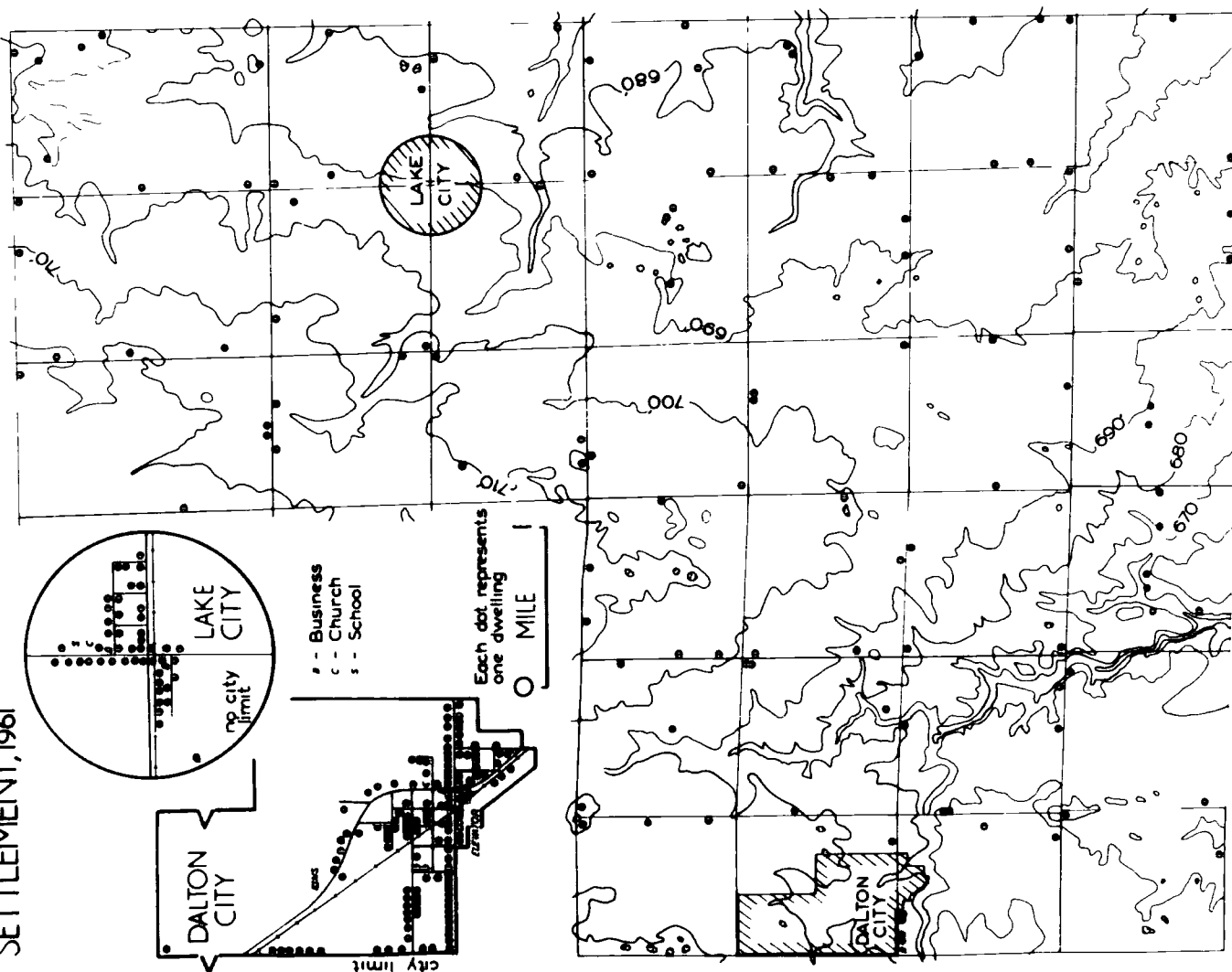
SETTLEMENT

- Existing dwelling (1961)
- Dwelling lost since 1938
- Dwelling lost between 1938-1958
- County road
- Primitive road



DORA TOWNSHIP, MOULTRIE COUNTY, ILLINOIS

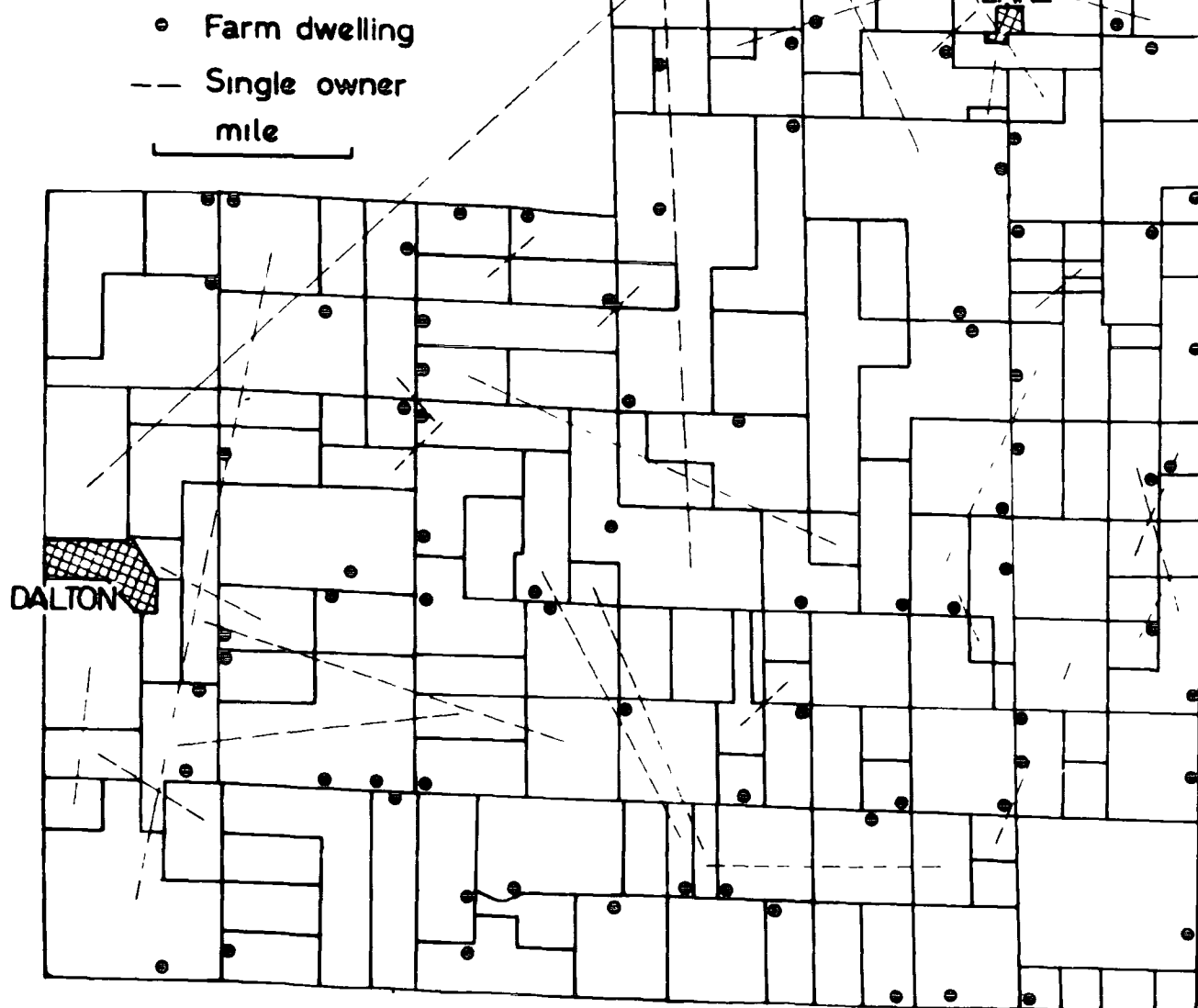
SETTLEMENT, 1961



0 1 2
MILES

LANDHOLDINGS IN DORA TOWNSHIP MOULTRIE COUNTY

1961





Top photograph: A cash grain farmstead in Livingston County, Illinois. The farmstead occupies a small area at a road intersection and consists only of a barn, grain elevator and machine shed. The cross-plan house is of a less common type.

Lower photograph: A farmstead in Wright County, Iowa. Stock are kept on this farm so that more buildings appear in the farmstead. The hip-roofed barn and the Prairie Tee house are common types.



Top photograph: A roadside farmstead in Stephenson County, Northern Illinois. Much of the surrounding land is under corn and the farmstead consists of various stock sheds and corn stores.

Lower photograph: A stock farmstead in Henry County, Indiana with its numerous buildings. The house is of the prairie square type with a pyramid roof.

FARMSTEADS IN SOUTHERN LIVESTOCK AND GENERAL FARMING AREAS.



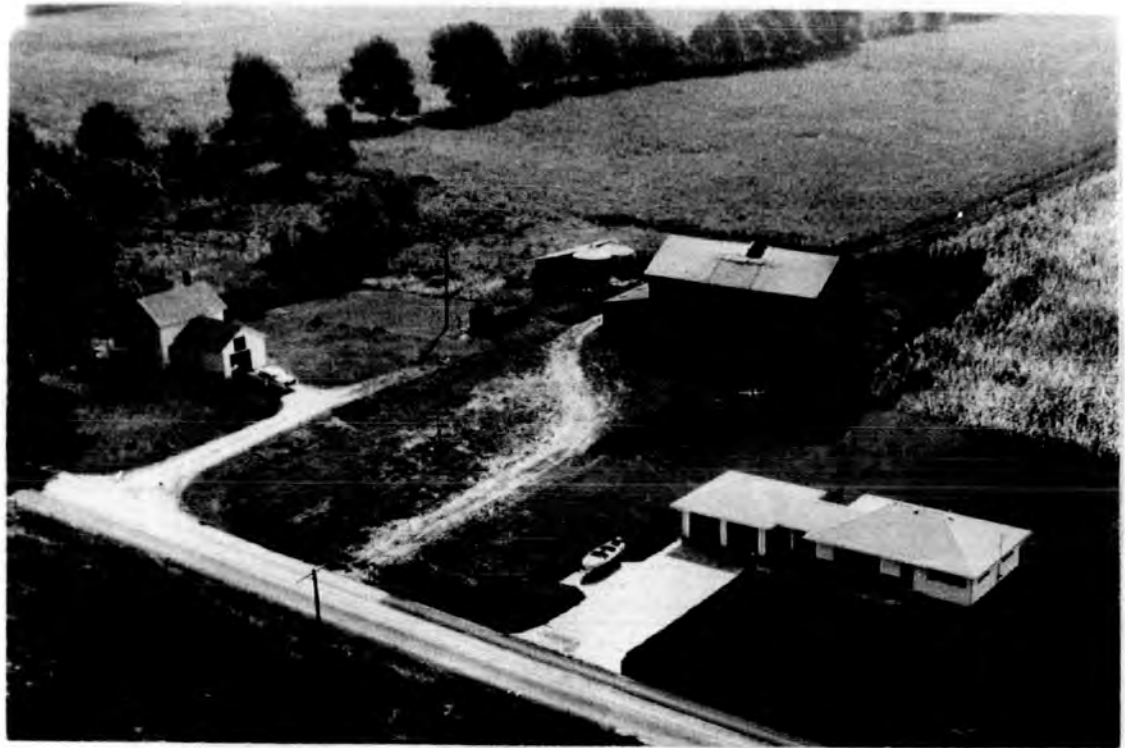
Top photograph: A farmstead in Sullivan County, South-western Indiana. Typically, the buildings are less elaborate and neatly arranged than on many farms in more prosperous parts of the Corn Belt.

Lower photograph: A farmstead in the Missouri Livestock raising area in Howard County. The buildings are well spread out with an abundance of trees in the farmstead and the surrounding country also characterizing the area. The houses in both of the photographs are of the bungalow type commonly built in the southern and eastern Corn Belt 30 - 40 years ago.



Top photograph: A farmstead in Thayer County, Nebraska in the cattle raising and grain region. The sheds are unpainted and are protected by a small windbreak. The large cross-plan house is of a less common type.

Lower photograph: A corn and stock farm in Lac Qui Parle County, Minnesota. The Gothic-roofed barn is common in this part of the state. Each distant farmstead can be seen to have a shelter of trees.



Top photograph: This disused farmstead in Calhoun County, Michigan has been taken over for residential purposes. A new bungalow has been built, the farmhouse appears to have been modernized while the farmbuildings fall into disrepair.

Lower photograph: A farmhouse in Sullivan County, Indiana, which appears to have passed into nonfarm hands with the consequent neglect of the rest of the farmstead.