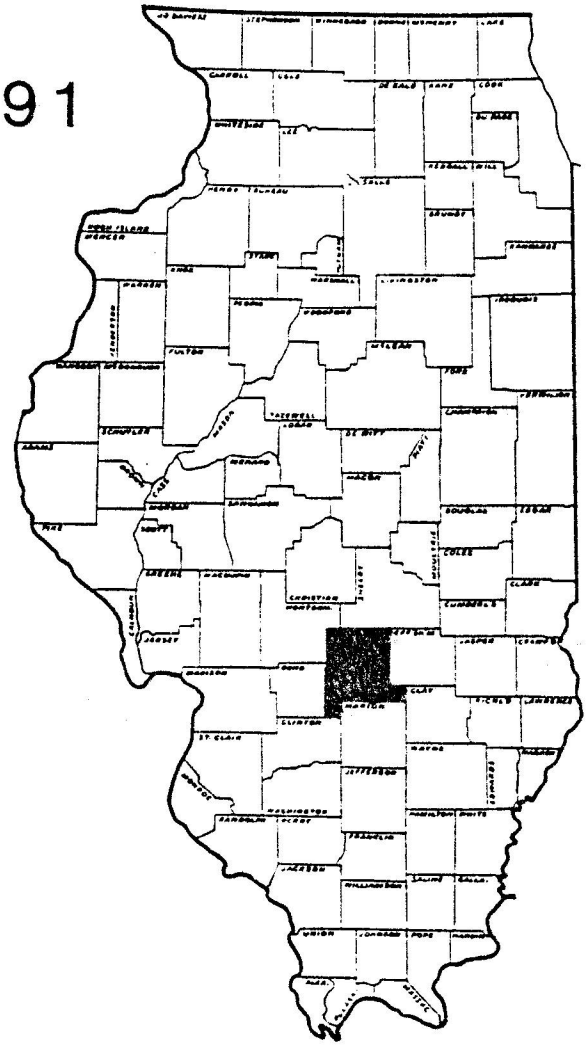
Classification and Correlation

of

the Soils of

FAYETTE COUNTY, ILLINOIS

APRIL 1991



U.S. Department of Agriculture

Soil Conservation Service

Champaign, Illinois

This correlation was prepared by Lester Bushue, Mack Hodges and Tonie Endres in November 1990. The final field review was conducted December 12-15, 1988 by Lester Bushue, with Mack Hodges, Survey Leader; Laurie King, Soil Scientist, and Carl Glocker, NSSQA, Soil Scientist (classification) participating. Decisions at the final field review are based upon pedon data, soil correlation samples, soil maps, field review reports, preliminary tables of interpretations, and the draft of the manuscript.

Headnote for Detailed Soil Survey Legend:

Map symbols consist of numbers, or a combination of numbers and letters. The initial numbers represent the kind of soil. A capital letter following these numbers indicates the class of slope. Symbols without a slope letter are for nearly level soils or miscellaneous areas. A final number of two following the slope letter indicates that the soil is moderately eroded.

SOIL CORRELATION OF
FAYETTE COUNTY, ILLINOIS

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
2	Cisne silt loam	2	Cisne silt loam
3A	Hoyleton silt loam, 0 to 2 percent slopes	3A	Hoyleton silt loam, 0 to 2 percent slopes
3B	Hoyleton silt loam, 2 to 5 percent slopes	3B	Hoyleton silt loam, 2 to 5 percent slopes
3B2	Hoyleton silt loam, 2 to 5 percent slopes, eroded	3B2	Hoyleton silt loam, 2 to 5 percent slopes, eroded
7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	7C2	Atlas silt loam, 5 to 10 percent slopes, eroded
8D2	Hickory silt loam, 10 to 15 percent slopes, eroded	8D2	Hickory silt loam, 10 to 15 percent slopes, eroded
8F	Hickory loam, 15 to 30 percent slopes	8F	Hickory loam, 15 to 30 percent slopes
8G	Hickory loam, 30 to 60 percent slopes	8G	Hickory loam, 30 to 60 percent slopes
12	Wynoose silt loam	12	Wynoose silt loam
13A	Bluford silt loam 0 to 2 percent slopes	13A	Bluford silt loam 0 to 2 percent slopes
13B	Bluford silt loam, 2 to 5 percent slopes	13B	Bluford silt loam, 2 to 5 percent slopes
13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	13B2	Bluford silt loam, 2 to 5 percent slopes, eroded
14B	Ava silt loam, 1 to 5 percent slopes	14B	Ava silt loam, 1 to 5 percent slopes
14C2	Ava silt loam, 5 to 10 percent slopes, eroded	14C2	Ava silt loam, 5 to 10 percent slopes, eroded

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
15B	Parke silt loam, 1 to 5 percent slopes	15B	Parke silt loam, 1 to 5 percent slopes
15C2	Parke silt loam, 5 to 10 percent slopes, eroded	15C2	Parke silt loam, 5 to 10 percent slopes, eroded
15D2	Parke silt loam, 10 to 15 percent slopes, eroded	15D2	Parke silt loam, 10 to 15 percent slopes, eroded
48	Ebbert silt loam	48	Ebbert silt loam
50	Virden silty clay loam	50	Virden silty clay loam
112	Cowden silt loam	112	Cowden silt loam
113A	Oconee silt loam, 0 to 2 percent slopes	113A	Oconee silt loam, 0 to 2 percent slopes
113B	Oconee silt loam, 2 to 5 percent slopes	113B	Oconee silt loam, 2 to 5 percent slopes
120	Huey silt loam	120	Huey silt loam
127A	Harrison silt loam, 0 to 2 percent slopes	127A	Harrison silt loam, 0 to 2 percent slopes
128B	Douglas silt loam, 2 to 5 percent slopes	128B	Douglas silt loam, 2 to 5 percent slopes
134B	Camden silt loam 2 to 5 percent slopes	134B	Camden silt loam 2 to 5 percent slopes
138	Shiloh silty clay loam	138	Shiloh silty clay loam
164A, 164	Stoy silt loam, 0 to 2 precent slopes	164A	Stoy silt loam, 0 to 2 precent slopes
214B	Hosmer silt loam, 2 to 5 percent slopes	214B	Hosmer silt loam, 2 to 5 percent slopes
218	Newberry silt loam	218	Newberry silt loam

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
287	Chauncey silt loam	287	Chauncey silt loam
430A, 430	Raddle silt loam, 0 to 3 percent slopes	430A	Raddle silt loam, 0 to 3 percent slopes
474	Piasa silt loam	474	Piasa silt loam
585F	Negley loam, 15 to 30 percent slopes	585F	Negley loam, 15 to 30 percent slopes
585G	Negley loam, 30 to 60 percent slopes	585G	Negley loam, 30 to 60 percent slopes
620A	Darmstadt silt loam, 0 to 2 percent slopes	620A	Darmstadt silt loam, 0 to 2 percent slopes
620B	Darmstadt silt loam, 2 to 5 percent slopes	620B	Darmstadt silt loam, 2 to 5 percent slopes
865	Pits, gravel	865	Pits, gravel
1426	Karnak silty clay loam, wet	1426	Karnak silty clay loam, wet
3070	Beaucoup silty clay loam, frequently flooded	3070	Beaucoup silty clay loam, frequently flooded
3077A, 77	Huntsville silt loam, 0 to 3 percent slopes, frequently flooded	3077A	Huntsville silt loam, 0 to 3 percent slopes, frequently flooded
3107	Sawmill silty clay loam, frequently flooded	3107	Sawmill silty clay loam, frequently flooded
3225	Holton silt loam, frequently flooded	3225	Holton silt loam, frequently flooded
3226	Wirt silt loam, frequently flooded	3226	Wirt silt loam, frequently flooded

FAYETTE COUNTY, ILLINOIS --Continued

Field symbols	Field map unit name	Publi-cation symbol	Approved map unit name
3284	Tice silt loam, frequently flooded	3284	Tice silt loam, frequently flooded
3288, 288	Pertolia silt loam, frequently flooded	3288	Pertolia silt loam, frequently flooded
3333, 333	Wakeland silt loam, frequently flooded	3333	Wakeland silt loam, frequently flooded
3334, 334	Birds silt loam, frequently flooded	3334	Birds silt loam, frequently flooded
3404	Titus silty clay loam, frequently flooded	3404	Titus silty clay loam, frequently flooded
3428, 428	Coffeen silt loam, frequently flooded	3428	Coffeen silt loam, frequently flooded
3451, 451	Lawson silt loam, frequently flooded	3451	Lawson silt loam, frequently flooded
8682B, 682B	Medway silt loam, 0 to 3 percent slopes, occasionally flooded	8682B	Medway silt loam, 0 to 3 percent slopes, occasionally flooded

Official Series Descriptions and Soil Interpretation Records

See "Notes Classification and Correlation. . ."

Series Established by This Correlation

None

Series Dropped or Made Inactive

None

Series Type Location in The Survey Area

None

Certification Statement

The State Soil Scientist certifies that:

1. The field mapping was completed in September 1988.

2. The joining has been checked for both the general soil map and the detailed soil maps. The differences in the names of map units along with an explanation as to why there is a difference are on file in the Illinois State Office. The join is satisfactory.

3. Interpretations have been coordinated except as explained in the field correlation document, and agree with those on the soil interpretations records.

4. The location of pedon descriptions are in soil area using those names and legal descriptions. The locations have been checked by the survey leader.

Verification of Exact Cooperator Names

for the front cover, general soil map and half title page:

United States Department of Agriculture
Soil Conservation Service
in Cooperation with
Illinois Agricultural Experiment Station

The cooperators to be listed on the inside of the front cover are the same as those on the front cover and in addition state: "It is part of the technical assistance provided to the Fayette County Soil and Water Conservation District. The cost was shared by the Fayette County Board and the Illinois Department of Agriculture. The soil survey is Illinois Agricultural Experiment Station Soil Report No."149".

Disposition of Field Sheets

The soil maps have been compiled at a scale of 1:15840, and the compiled maps, field sheets and all map materials have been delivered to the map finishing unit at the state office. Blueline copies of compiled maps are in the Fayette County Field Office.

Prior Soil Survey Publication

The first soil survey of Fayette County was published in 1932. E.A. Norton, R.S. Smith, E.E. Deturk, F.C. Bauer, and L.H. Smith. Fayette County Soils, 1932. Soil Report No. 52. University of Illinois, Urbana. 44p. This survey updates the first survey and provides additional information and larger maps that show soils in greater detail.

Instructions for Map Finishing

Map finishing will be done in the map finishing unit at the Illinois State Office. The conversion legend in the final correlation report should be used for the conversion of all symbols that appear on compiled maps.

SCS-SOILS-37A
3-75

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Soil Survey Area: Fayette County
State: Illinois

Date: 10/30/86

CULTURAL FEATURES

BOUNDARIES

County or parish

Field sheet matchline & neatline

AD HOC BOUNDARY (label)

Small airport, airfield, park, oilfield, cemetery, or flood pool

STATE COORDINATE TICK
1,000,000 FEET

LAND DIVISION CORNERS
(sections and land grants)

ROADS

Divided (median shown if scale permits)

County, farm or ranch

ROAD EMBLEMS & DESIGNATIONS

Interstate 66

Federal 287

State 52

RAILROAD

Label only

LEVEES

Without road

DAMS

Large (to scale)

Medium or small

PITS

Gravel pit

CULTURAL FEATURES (cont.)

MISCELLANEOUS CULTURAL FEATURES

WATER FEATURES

DRAINAGE

Perennial, double line

Perennial, single line

Intermittent

Drainage end

Canals or ditches

Double-line (label) CANAL

Drainage and/or irrigation

LAKES, PONDS AND RESERVOIRS

Perennial WATER LP

SPECIAL SYMBOLS FOR SOIL SURVEY

SOIL DELINEATIONS AND SOIL SYMBOLS

ESCARPMENTS 13A 13B

Other than bedrock (points down slope)

SHORT STEEP SLOPE

SOIL SAMPLE SITE (normally not shown) S

MISCELLANEOUS

Gumbo, slick or scabby spot (sodic) ø

Rock outcrop (includes sandstone and shale) V

Sandy spot

Severely eroded spot

RECOMMENDED AD HOC SOIL SYMBOLS

Oil well waste land ⊕
(Damage from saline water and oil spills)

All miscellaneous and ad hoc soil symbols are ¼ to 2 acres in size

SOIL SURVEY FAYETTE COUNTY, ILLINOIS

PRIME FARMLAND

(Only the soils considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a soil is prime farmland only under certain conditions, the conditions are specified in parentheses after the soil name)

Map symbol	Soil name
2	Cisne silt loam (where drained)
3A	Hoyleton silt loam, 0 to 2 percent slopes
3B	Hoyleton silt loam, 2 to 5 percent slopes
3B2	Hoyleton silt loam, 2 to 5 percent slopes, eroded (where drained)
13A	Bluford silt loam 0 to 2 percent slopes (where drained)
13B	Bluford silt loam, 2 to 5 percent slopes
13B2	Bluford silt loam, 2 to 5 percent slopes, eroded
14B	Ava silt loam, 1 to 5 percent slopes
15B	Parke silt loam, 1 to 5 percent slopes
48	Ebbert silt loam (where drained)
50	Virden silty clay loam (where drained)
112	Cowden silt loam (where drained)
113A	Oconee silt loam, 0 to 2 percent slopes (where drained)
113B	Oconee silt loam, 2 to 5 percent slopes
127A	Harrison silt loam, 0 to 2 percent slopes
128B	Douglas silt loam, 2 to 5 percent slopes
134B	Camden silt loam 2 to 5 percent slopes
138	Shiloh silty clay loam (where drained)
164A	Stoy silt loam, 0 to 2 percent slopes
214B	Hosmer silt loam, 2 to 5 percent slopes
218	Newberry silt loam (where drained)
287	Chauncey silt loam (where drained)
430A	Raddle silt loam, 0 to 3 percent slopes
3070	Beaucoup silty clay loam, frequently flooded (where drained and either protected from flooding or not frequently flooded during the growing season)
3077A	Huntsville silt loam, 0 to 3 percent slopes frequently flooded
3107	Sawmill silty clay loam, frequently flooded (where drained and either protected from flooding or not frequently flooded during the growing season)
3225	Holton silt loam, frequently flooded (where drained and either protected from flooding or not frequently flooded during the growing season)
3226	Wirt silt loam, frequently flooded (where protected from flooding or flooding is less often than once in two years during the growing season)

PRIME FARMLAND--Continued

Map symbol	Soil name
3284	Tice silt loam, frequently flooded (where protected from flooding or not frequently flooded during the growing season)
3288	Petrolia silt loam, frequently flooded (where drained and either protected from flooding or not frequently flooded during the growing season)
3333	Wakeland silt loam, frequently flooded (where drained and either protected from flooding or not frequently flooded during the growing season)
3334	Birds silt loam, frequently flooded (where drained and either protected from flooding or not frequently flooded during the growing season)
3428	Coffeen silt loam, frequently flooded (where protected from flooding or not frequently flooded during the growing season)
3451	Lawson silt loam, frequently flooded (where protected from flooding or not frequently flooded during the growing season)
8682B	Medway silt loam, 0 to 3 percent slopes, occasionally flooded

FAYETTE COUNTY, ILLINOIS
APRIL 1991

FINAL CORRELATION

APPROVED:

DATE: 4/16/91

Robert McLeese

ROBERT L. MCLEESE
STATE SOIL SCIENTIST
SCS, CHAMPAIGN, ILLINOIS

CONVERSION LEGEND FOR
FAYETTE COUNTY, ILLINOIS

Field symbol	Publication symbol	Field symbol	Publication symbol	Field symbol	Publication symbol	Field symbol	Publication symbol
		430A	430A				
		451	3451				
2	2	474	474				
3A	3A	585F	585F				
3B	3B	585G	585G				
3B2	3B2	620A	620A				
7C2	7C2	620B	620B				
8D2	8D2	682B	8682B				
8F	8F	865	865				
8G	8G	1426	1426				
12	12	3070	3070				
13A	13A	3077A	3077A				
13B	13B	3107	3107				
13B2	13B2	3225	3225				
14B	14B	3226	3226				
14C2	14C2	3284	3284				
15B	15B	3288	3288				
15C2	15C2	3333	3333				
15D2	15D2	3334	3334				
48	48	3404	3404				
50	50	3428	3428				
77	3077A	3451	3451				
112	112	8682B	8682B				
113A	113A						
113B	113B						
120	120						
127A	127A						
128B	128B						
134B	134B						
138	138						
164	164A						
164A	164A						
214B	214B						
218	218						
287	287						
288	3288						
333	3333						
334	3334						
428	3428						
430	430A						

ALPHABETICAL SEQUENCE

7C2	ATLAS SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
14B	AVA SILT LOAM, 1 TO 5 PERCENT SLOPES
14C2	AVA SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
3070	BEAUCOUP SILTY CLAY LOAM, FREQUENTLY FLOODED
3334	BIRDS SILT LOAM, FREQUENTLY FLOODED
13A	BLUFORD SILT LOAM 0 TO 2 PERCENT SLOPES
13B	BLUFORD SILT LOAM, 2 TO 5 PERCENT SLOPES
13B2	BLUFORD SILT LOAM, 2 TO 5 PERCENT SLOPES, ERODED
134B	CAMDEN SILT LOAM 2 TO 5 PERCENT SLOPES
287	CHAUNCEY SILT LOAM
2	CISNE SILT LOAM
3428	COFFEEN SILT LOAM, FREQUENTLY FLOODED
112	COWDEN SILT LOAM
620A	DARMSTADT SILT LOAM, 0 TO 2 PERCENT SLOPES
620B	DARMSTADT SILT LOAM, 2 TO 5 PERCENT SLOPES
128B	DOUGLAS SILT LOAM, 2 TO 5 PERCENT SLOPES
48	EBBERT SILT LOAM
127A	HARRISON SILT LOAM, 0 TO 2 PERCENT SLOPES
8F	HICKORY LOAM, 15 TO 30 PERCENT SLOPES
8G	HICKORY LOAM, 30 TO 60 PERCENT SLOPES
8D2	HICKORY SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED
3225	HOLTON SILT LOAM, FREQUENTLY FLOODED
214B	HOSMER SILT LOAM, 2 TO 5 PERCENT SLOPES
3A	HOYLETON SILT LOAM, 0 TO 2 PERCENT SLOPES
3B	HOYLETON SILT LOAM, 2 TO 5 PERCENT SLOPES
3B2	HOYLETON SILT LOAM, 2 TO 5 PERCENT SLOPES, ERODED
120	HUEY SILT LOAM
3077A	HUNTSVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES, FREQUENTLY FLOODED
1426	KARNAK SILTY CLAY LOAM, WET
3451	LAWSON SILT LOAM, FREQUENTLY FLOODED
8682B	MEDWAY SILT LOAM, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED
585F	NEGLEY LOAM, 15 TO 30 PERCENT SLOPES
585G	NEGLEY LOAM, 30 TO 60 PERCENT SLOPES
218	NEWBERRY SILT LOAM
113A	OCONEE SILT LOAM, 0 TO 2 PERCENT SLOPES
113B	OCONEE SILT LOAM, 2 TO 5 PERCENT SLOPES
15B	PARKE SILT LOAM, 1 TO 5 PERCENT SLOPES
15D2	PARKE SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED
15C2	PARKE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
3288	PETROLIA SILT LOAM, FREQUENTLY FLOODED
474	PIASA SILT LOAM
865	PITS, GRAVEL
430A	RADDLE SILT LOAM, 0 TO 3 PERCENT SLOPES
3107	SAWMILL SILTY CLAY LOAM, FREQUENTLY FLOODED
138	SHILOH SILTY CLAY LOAM
164A	STOY SILT LOAM, 0 TO 2 PERCENT SLOPES
3284	TICE SILT LOAM, FREQUENTLY FLOODED
3404	TITUS SILTY CLAY LOAM, FREQUENTLY FLOODED
50	VIRDEN SILTY CLAY LOAM
3333	WAKELAND SILT LOAM, FREQUENTLY FLOODED
3226	WIRT SILT LOAM, FREQUENTLY FLOODED
12	WYNOOSE SILT LOAM

Sampled_as	Pedon_no	Symbol	Apprvd	uilab	dotlab	nssllab	publish	notes1
Atlas	86IL-051-097	7C2	Atlas taxadjunct	UI	DOT	NSSL	no	
Ava	86IL-051-043	14B	Ava		DOT	NSSL	yes	Typical pedon for map unit
Bluford	85IL-051-042	13A	Bluford		DOT	NSSL	yes	Typical pedon for series in co.
Cisne	86IL-051-101	2	Cisne		DOT	NSSL	yes	Typical pedon for series in co.
Darmstadt	85IL-051-032	620A	Darmstadt		DOT	NSSL	yes	Typical pedon for series in co.
Hickory	85IL-051-055	8G	Hickory		DOT	NSSL	yes	
Parke	86IL-051-098	15B	Parke		DOT	NSSL	yes	Typical pedon for map unit
Wynoose	85IL-051-048	12	Wynoose		DOT	NSSL	yes	Typical pedon for series in co.
Darmstadt	86IL-051-100	620B	Darmstadt taxadjunct	UI			yes	Typic Natraqualfs
Beaucoup	85IL-051-029	3070	Beaucoup	UI			yes	Typical pedon for series in co.
Cisne	32IL-051-001	2	Cisne	UI			yes	UI lab no's 14083-14090
Karnak	86IL-051-087	1426	Karnak	UI			yes	Typical pedon for series in co.
Petrolia	86IL-051-092	3288	Petrolia	UI			yes	Typical pedon for series in co.
Shoals	85IL-051-021	3333	Wakeland inclusion	UI			no	Coarse-loamy, mixed, non-acid, mesic, Aquic Udifluents
Cisne	59IL-051-001	2	Cisne	UI			yes	UI lab no's 18295-18302
Huey	59IL-051-002	2	Huey	UI			no	UI lab no's 18303-18311
Cisne	74IL-051-001	2	Cisne taxadjunct	UI			yes	UI lab no's 23029-23039, fine-silty
Ava	28IL-051-001	15C2	Ava taxadjunct	UI			yes	UI lab no's 13051-13057

Notes on Classification and Correlation of the Soils by Lester Bushue and Tonie Endres

ATLAS
These soils are taxadjuncts to the series in that they have higher chroma in the upper Bt horizon than is defined for the series. They are Aquic Hapludalfs.

AVA
The 14B mapping unit is a taxadjunct to the series because these soils have coarse primary structure in the fragipan and not the very coarse structure defined for the series. They are Typic Hapludalfs. The 14C2 map unit is less acid in the fragipan than defined for the series.

CISNE
These soils are less acid in the lower Btg horizon and in the 2Btg horizon than is defined for the series.

HOSMER
These soils have a B't horizon. This horizon is not defined in the Hosmer series.

CLASSIFICATION OF THE SOILS

(An asterisk in the first column indicates a taxadjunct to the series. See notes for description of those characteristics of this taxadjunct that are outside the range of the series)

Soil name	Family or higher taxonomic class
*Atlas	Fine, montmorillonitic, mesic, sloping Aeric Ochraqualfs
Ava	Fine-silty, mixed, mesic Typic Fragiudalfs
Beaucoup	Fine-silty, mixed, mesic Fluvaquentic Haplaquolls
Birds	Fine-silty, mixed, nonacid, mesic Typic Fluvaquents
Bluford	Fine, montmorillonitic, mesic Aeric Ochraqualfs
Camden	Fine-silty, mixed, mesic Typic Hapludalfs
Chauncey	Fine, montmorillonitic, mesic Typic Argialbolls
Cisne	Fine, montmorillonitic, mesic Mollic Albaqualfs
Coffeen	Coarse-silty, mixed, mesic Fluvaquentic Hapludolls
Cowden	Fine, montmorillonitic, mesic Mollic Albaqualfs
Darmstadt	Fine-silty, mixed, mesic Albic Natraqualfs
Douglas	Fine-silty, mixed, mesic Typic Argiudolls
Ebbert	Fine-silty, mixed, mesic Argiaquic Argialbolls
Harrison	Fine-silty, mixed, mesic Typic Argiudolls
Hickory	Fine-loamy, mixed, mesic Typic Hapludalfs
Holton	Coarse-loamy, mixed, nonacid, mesic Aeric Fluvaquents
Hosmer	Fine-silty, mixed, mesic Typic Fragiudalfs
Hoyleton	Fine, montmorillonitic, mesic Aquollic Hapludalfs
Huey	Fine-silty, mixed, mesic Typic Natraqualfs
Huntsville	Fine-silty, mixed, mesic Cumulic Hapludolls
Karnak	Fine, montmorillonitic, nonacid, mesic Vertic Haplaquepts
Lawson	Fine-silty, mixed, mesic Cumulic Hapludolls
Medway	Fine-loamy, mixed, mesic Fluvaquentic Hapludolls
Negley	Fine-loamy, mixed, mesic Typic Paleudalfs
Newberry	Fine-silty, mixed, mesic Mollic Ochraqualfs
Oconee	Fine, montmorillonitic, mesic Udollic Ochraqualfs
Parke	Fine-silty, mixed, mesic Ultic Hapludalfs
Petrolia	Fine-silty, mixed, nonacid, mesic Typic Fluvaquents
Piasa	Fine, montmorillonitic, mesic Mollic Natraqualfs
Raddle	Fine-silty, mixed, mesic Typic Hapludolls
Sawmill	Fine-silty, mixed, mesic Cumulic Haplaquolls
	Haplaquolls

CLASSIFICATION OF THE SOILS--Continued

Soil name	Family or higher taxonomic class
Shiloh	Fine, montmorillonitic, mesic Cumulic Haplaquolls
Stoy	Fine-silty, mixed, mesic Aquic Hapludalfs
Tice	Fine-silty, mixed, mesic Fluvaquentic Hapludolls
Titus	Fine, montmorillonitic, mesic Fluvaquentic Haplaquolls
Virden	Fine, montmorillonitic, mesic Typic Argiaquolls
Wakeland	Coarse-silty, mixed, nonacid, mesic Aeric Fluvaquents
Wirt	Coarse-loamy, mixed, nonacid, mesic Typic Udifluvents
Wynoose	Fine, montmorillonitic, mesic Typic Albaqualfs