CLASSIFICATION AND CORRELATION OF THE SOILS OF

DELAWARE COUNTY INDIANA

JUNE 1968

SOIL CONSERVATION SERVICE, USDA
MIDWEST REGIONAL TECHNICAL SERVICE CENTER
LINCOLN, NEBRASKA

USDA-SCS-LINCOLN, NEBR. 1968

Delaware Co. – symbols for published maps

BlA	Ge	MnA	Pe
BlB			
BlB2	Gp	MnB	Pf
Bp	HeE	MnC2	Pk
Bv	Km	MoA	Rc
		MoB	
Bs	Ko		Ro
		MrB3	
Ca	Lm	MrC3	Se
CrA	Ma	MuB	Sh
		MuB2	
CsA	MdC2	MuD2	Sn
FoC2	MeA	MvB2	Wa
FoD2	MeB	MvC2	
FsA	MnA	MuB3	
FsB		MuC2	
	MmB2		
FzB3		OcA	
FzC3	MmC2	OcB	
	MmD		

UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
Midwest Regional Technical Service Center
Lincoln, Nebraska 68508

Classification and Correlation
of the soils of
Delaware County, Indiana

The final correlation is based on the first draft of the manuscript, the field correlation, correlation samples, and prepared by R. I. Turner in consultation with H. P. Ulrich and F. W. Sanders during the week of April 8 to 12, 1968.

Symbol	Field Name	Approved Name
732-A-1	Blount silt loam, A-1	Blount silt loam, 0 to 2 percent slopes (Any delineations less than 1/8 inch wide and less than 1/2 inch long should be combined with surrounding soil type and shown as a special spot symbol "B".) BlA
732-A-2		
732-A-+		
902-A-1	Haskins silt loam, A-1	
772-A-1	Gregg silt loam, A-1	
892-A-1	Henshaw silt loam, A-1	
902-A-+	Haskins silt loam, A-1	
5902-A-1	Haskins loam, A-1	
732-B-1	Blount silt loam, B-1	Blount silt loam, 2 to 4 percent slopes BlB
902-B-1	Haskins silt loam, B-1	
892-B-1	Henshaw silt loam, B-1	
732-B-2	Blount silt loam, B-2	Blount silt loam, 2 to 4 percent slopes, eroded BlB2
892-B-2	Henshaw silt loam, B-2	
Borrow pits	Same as symbols	Borrow pits Bp
Borrow area		
Abandoned clay pits		
Clay pits		
3148	Brookston silty clay loam, A-0	Brookston silty clay loam Br
3148-A-0		
3148-A-+		
3188-A-0	Berville silty clay loam, A-0	
3188-A-1		
3188-A-+		
148	Brookston silt loam, A-0	
148-A-0		

Symbol	Field Name	Approved Name
3358	Nyona silty clay loam, A-0	Brookston silty clay loam, stony subsoil Bs
3358-A-0		
3359	Lear silty clay loam, A-0	
3359-A-0		
3359-A-+		
358	Nyona silt loam, A-0	
358-A-0		
358-B-1		
3358-A-+	Nyona silty clay loam, A-0	
3448-B-1	Westland silty clay loam, A-0	
3448-A-0		
3448-A-+		
3448		
448	Westland silt loam, A-0	
448-A-0		
3218-A-0	Millsdale silty clay loam, A-0	
140	Carlisle muck, A-0	Carlisle muck Ca
140-A-0		
140-A-+		
140-A-1		
142-A-1	Crosby silt loam, A-1	Crosby silt loam, CrA 0 to 2 percent slopes (Any delineations less than 1/8 inch wide and less than 1/2 inch long should be combined with surrounding soil type and shown as a special spot symbol "C".)
142-A-+		
5142-A-1	Crosby loam, A-1	
182-A-1	Macomb silt loam, A-1	
142v-A-1	Crosby silt loam, shallow variant, A-1	
142-A-2	Crosby silt loam, A-2	
892-A-1	Henshaw silt loam, A-1	
892-A-+		
772-A-1	Gregg silt loam, A-1	
5482-A-1	Whitaker loam, A-1	
482-A-1	Whitaker silt loam, A-1	
5182-A-1	Macomb loam, A-1	
142-B-1	Crosby silt loam, B-1	
142-B-2		
5142-B-2	Crosby loam, B-2	
482-B-1	Whitaker silt loam, B-1	
482-B-2		
182-B-1	Macomb silt loam, B-1	
182-B-2		
5142-B-1	Crosby loam, B-2	
5482-B-2	Whitaker loam, B-2	

Symbol	Field Name	Approved Name
352-A-1	Massie silt loam, A-1	Crosby silt loam, stony subsoil, 0 to 2 percent slopes CsA
352-B-1		
212-A-1	Randolph silt loam, A-1	
442-A-1	Sleeth silt loam, A-1	
5352-A-1	Massie loam, A-1	
332-A-1	Homer silt loam, A-1	
5332-A-1	Homer loam, A-1	
352-B-2	Massie silt loam, A-1	
352-A-+		
335-C-2	Fox silt loam, C-2	Fox loam, 6 to 12 percent slopes eroded FoC2
335-C-1		
5335-C-1	Fox loam, C-1	
5335-C-2		
5735-C-1	Fox loam, kame phase, C-1	
5735-C-2		
735-C-1	Fox silt loam, kame phase, C-1	
735-C-2		
145-C-1	Fox silt loam, kame phase, C-1	
145-C-2		
445-C-1	Ockley silt loam, C-1	
445-C-2		
354-C-2	Mill Creek silt loam, C-2	
214-C-1	Milton silt loam, C-1	
8335-C-2	Fox sandy loam, C-1	
354-C-1	Mill Creek silt loam, C-1	
484-C-2	Martinsville silt loam, C-2	
335-D-1	Fox silt loam, D-1	Fox loam, 12 to 18 percent slopes, eroded FoD2
335-D-2		
145-D-2	Fox silt loam, kame phase, D-2	
335-D-3	Fox silt loam, D-3	
145-D-3	Fox silt loam, kame phase, D-3	
5335-D-2	Fox loam, D-2	
51065-D-2	Casco loam, D-2	
51065-D-3		

Symbol	Field Name	Approved Name
335-A-1	Fox silt loam, A-1	Fox silt loam, 0 to 2 percent slopes FsA
335-A-+		
735-A-1	Fox silt loam, kame phase, A-1	
145-A-1	Fox silt loam, kame phase, A-1	
335d-A-1	Nineveh silt loam, A-1	
5335-A-1	Fox loam, A-1	
5145-A-1	Fox loam, kame phase, A-1	
214-A-1	Milton silt loam, A-1	
5214-A-1	Milton loam, A-1	
354-A-1	Mill Creek silt loam, A-1	
354-A-2		
5354-A-1	Mill Creek loam, A-1	
335d-A-+	Nineveh silt loam, A-1	
6335-A-1	Fox fine sandy loam, A-1	
5354-A-+	Mill Creek loam, A-+	
354-A-+	Mill Creek silt loam, A-+	
335-B-1	Fox silt loam, B-1	Fox silt loam, 2 to 6 percent slopes FsB
5335-B-1	Fox loam, B-1	
5335-B-2	Fox loam, B-2	
6335-B-2	Fox fine sandy loam, B-2	
335d-B-2	Nineveh silt loam, B-2	
735-B-1	Fox silt loam, kame phase, B-1	
145-B-1		
335-B-2	Fox silt loam, B-2	
145-B-2	Fox silt loam, kame phase, B-2	
735-B-2		
354-B-1	Mill Creek silt loam, B-1	
354-B-2	Mill Creek silt loam, B-2	
5214-B-1	Milton loam, B-1	
214-B-1	Milton silt loam, B-1	
5354-B-1	Mill Creek loam, B-1	
8335-B-2	Fox sandy loam, B-2	
8335-B-1	Fox sandy loam, B-1	
335d-B-1	Nineveh silt loam, B-1	
354-B-+	Mill Creek silt loam, B-1	
5354-B-2	Mill Creek loam, B-2	
335-B-3	Fox silt loam, B-3	Fox gravelly clay loam, 2 to 6 percent slopes, severely eroded FxB3
145-B-3	Fox silt loam. kame phase, B-3	
735-B-3		
335-B-4	Fox silt loam, B-4	
484-B-3	Martinsville silt loam, B-3	
5335-B-3	Fox loam, B-3	
354-B-3	Mill Creek silt loam, B-3	

Symbol	Field Name	Approved Name
335-C-3	Fox silt loam, C-3	Fox gravelly clay loam, 6 to 12 percent slopes, severely eroded FxC3
5335-C-3	Fox loam, C-3	
5735-C-3	Fox loam, kame phase, C-3	
145-C-3	Fox silt loam, kame phase, C-3	
735-C-3		
354-C-3	Mill Creek silt loam, C-3	
8335-C-3	Fox sandy loam, C-3	
5354-C-3	Mill Creek loam, C-3	
445-C-3	Ockley silt loam, C-3	
5484-C-3	Martinsville loam, C-3	
14	Genesee silt loam, A-0	Genesee silt loam Ge
14-A-0		
13	Eel silt loam, A-0	
13-A-0		
13c-A-0	Eel silt loam, dissected phase, A-0	
5013	Eel loam, A-0	
5013-A-0		
3013	Eel silty clay loam, A-0	
3013-A-0		
3013c-A-0	Eel silty clay loam, dissected phase, A-0	
5014	Genesee loam, A-0	
5014-A-0		
5014-A-1		
5014-A-+		
6014-A-0	Genesee fine sandy loam, A-0	
14-A-+	Genesee silt loam, A-0	
14H-A-0	Genesee silt loam, high bottom, A-0	
3014-A-0	Genesee silty clay loam, A-0	
3014H-A-0	Genesee silty clay loam, high bottom, A-0	
⚒	Gravel and sand pit	Gravel pits and stone quarries (Less than 2 acres size show only with gravel pit spot symbol.) Gp
Gravel pit	Gravel pit	
Stone quarry	Stone quarry	
G.P.	Gravel pit	

Symbol	Field Name	Approved Name
146-E-1	Hennepin silt loam, E-1	Hennepin loam, HeE
146-F-1		18 to 50 percent slopes
146-G-1		
144-E-1	Miami silt loam, E-1	
144-E-2		
144-D-3		
146-D-3	Hennepin silt loam, E-1	
184-D-3	Kendallville silt loam, D-3	
335-E-1	Fox silt loam, E-1	
735-E-2	Fox silt loam, kame phase, E-2	
336-E-1	Rodman silt loam, E-1	
335-E-3	Fox silt loam, E-3	
336-F-1	Rodman silt loam, E-1	
5336-F-1	Rodman loam, F-1	
336-G-1	Rodman silt loam, G-1	
336-E-2		
184-E-2	Kendallville silt loam, D-3	
184-E-3		
734-D-3	Morley silt loam, D-3	
734-D-4		
734-E-1		
734-E-2		
734-E-3		
734-F-1		
734-G-1		
145-E-2	Fox silt loam, kame phase, E-2	
194-D-3	Wawaka silt loam, D-3	
194-E-1		
144-E-3	Miami silt loam, E-1	
146-D-1	Hennepin silt loam, E-1	
146-F-2		
146-F-4		
146-E-2		
5335-D-3	Fox loam, D-3	
9336-F-1	Rodman gravelly loam, F-1	
734v-D-3	Morley silt loam, gravelly substratum D-3	
51065-E-1	Casco loam, E-1	
51065-E-2		
51065-E-3		
61065-E-2	Casco fine sandy loam, E-2	
61065-E-3		

Symbol	Field Name	Approved Name
3489m	Needham silty clay loam,	Kokomo mucky silt loam,
3489m-A-0	mucky phase, A-0	stratified substratum Km
3488m	Mahalasville silty clay loam,	
3488m-A-0	mucky phase, A-0	
3739m-A-0	Unnamed silty clay loam,	
3739m	mucky phase, A-0	
3899m		
3149m-A-0	Kokomo silty clay loam,	
	mucky phase, A-0	
3449m-A-0	Abington silty clay loam,	
	mucky phase, A-0	
3239m-A-0	Bono silty clay loam,	
	mucky phase, A-0	
3239m-B-1	Bono silty clay loam, mucky phase	
3239m-A-+		
3338m-A-0	Sebewa silty clay loam,	
	mucky phase, A-0	
3359m	Lear silty clay loam,	
	mucky phase, A-0	
3738m	Pewamo silty clay loam,	
	mucky phase, A-0	
3739m-A-0	Unnamed silty clay loam,	
	mucky phase, A-0	
489m	Needham silt loam, mucky phase, A-0	
3489	Needham silty clay loam, A-0	Kokomo silty clay loam,
3489-A-0		stratified substratum Ko
3489-B-1		
3449-A-0	Abington silty clay loam, A-0	
3449		
3149-A-0	Kokomo silty clay loam, A-0	
3149		
3189	Unnamed silty clay loam, A-0	
489	Needham silt loam, A-0	
489-A-0		
5140	Linwood muck, A-0	Linwood muck Lm
5140-A-+		
5140-A-0		
3140	Willette muck, A-0	
3140-A-0		
3140-A-+		
7140	Tawas muck, A-0	
7140-A-0		
340-A-0	Edwards muck, A-0	
340		
340-A-+		
340v-A-0	Edwards muck, shallow variant, A-0	
340-B-1	Edwards muck, B-1	

Symbol	Field Name	Approved Name
Made Land Madeland	Same as symbols	Madeland Ma
8484-C-2 8484-C-1 6484-C-2	Martinsville sandy loam, C-2 Martinsville fine sandy loam, C-2	Martinsville sandy loam, 6 to 12 percent slopes, eroded MdC2
484-A-1 5484-A-1	Martinsville silt loam, A-1 Martinsville loam, A-1	Martinsville loam, 0 to 2 percent slopes MeA
484-B-1 484v-B-1 484-B-2 484v-B-2 5484-B-1 5484-B-2 484-B-3 484-B-+ 8484-B-1 8484-B-2 8484-A-1	Martinsville silt loam, B-1 Martinsville silt loam, shallow variant, B-1 Martinsville silt loam, B-2 Martinsville silt loam, shallow variant, B-2 Martinsville loam, B-1 Martinsville silt loam, B-3 Martinsville sandy loam, B-1	Martinsville loam, 2 to 6 percent slopes MeB
184-A-1 184-A-+ 5184-A-1 143-A-1 143-A-2 143v-A-1 184-A-2	Kendallville silt loam, A-1 Kendallville loam, A-1 Celina silt loam, A-1 Celina silt loam, shallow variant, A-1 Kendallville silt loam, A-1	Miami silt loam, 0 to 2 percent slopes MmA
144-B-2 144v-B-2 144-B-1 5144-B-1 5144-B-2 184-B-1 184-BK-1 184-B-2 5184-B-2 143-B-1 143s-B-1 143-BK-2 143-B-2 5143-B-2 143v-B-1 144-BK-2 5184-B-1	Miami silt loam, B-2 Miami silt loam, shallow variant, B-2 Miami silt loam, B-1 Miami loam, B-1 Kendallville silt loam, B-1 Kendallville silt loam, hummocky topo., B-1 Kendallville silt loam, B-2 Kendallville loam, B-2 Celina silt loam, B-1 Celina silt loam, shallow variant, B-1 Celina silt loam, hummocky topo. B-2 Celina silt loam, B-2 Celina loam, B-2 Celina silt loam, shallow variant, B-1 Miami silt loam, hummocky topo., B-2 Kendallville loam, B-1	Miami silt loam, 2 to 6 percent slopes, eroded MmB2

Symbol	Field Name	Approved Name
144-C-2	Miami silt loam, C-2	Miami silt loam 6 to 12 percent slopes, eroded MmC2
144-C-1		
144-CK-2	Miami silt loam, hummocky topo., C-2	
184-C-1	Kendallville silt loam, C-1	
184-C-2		
144-D-1	Miami silt loam, D-1	Miami silt loam, 12 to 18 percent slopes MmD
144-D-2		
194-D-1	Wawaka silt loam, D-1	
194-D-2		
194-A-1	Wawaka silt loam, A-1	Miami silt loam, gravelly substratum, 0 to 2 percent slopes MnA
144-A-1	Miami silt loam, A-1	
144-A-2		
144-A-+		
194-A-+	Wawaka silt loam, A-1	
194-B-1	Wawaka silt loam, B-1	Miami silt loam, gravelly substratum, 2 to 6 percent slopes MnB
194-B-2		
194-B-3		
194-C-2	Wawaka silt loam, C-2	Miami silt loam, gravelly substratum, 6 to 12 percent slopes, eroded MnC
194-C-1		
194-C-3		
904-A-1	Esmen silt loam, A-1	Miami silt loam, heavy substratum, 0 to 2 percent slopes MoA
904-A-+		
903-A-1	Rawson silt loam, A-1	
5904-A-1	Esmen loam, A-1	
904-B-1	Rawson silt loam, B-1	Miami silt loam, heavy substratum, 2 to 6 percent slopes MoB
5904-B-1	Rawson loam, B-1	
904-B-2	Rawson silt loam, B-1	
904-B-3		
5904-B-2	Rawson loam, B-1	
144-B-3	Miami silt loam, B-3	Miami clay loam, 2 to 6 percent slopes, severely eroded MrB3
144v-B-3	Miami silt loam, shallow variant, B-3	
144-B-4	Miami silt loam, B-3	
184-B-3	Kendallville silt loam, B-3	
144-C-3	Miami silt loam, C-3	Miami clay loam, 6 to 12 percent slopes, severely eroded MrC3
144v-C-3	Miami silt loam, shallow variant, C-3	
144-CK-3	Miami silt loam, hummocky topo., C-3	
184-C-3	Kendallville silt loam, C-3	

Symbol	Field Name	Approved Name
734-B-1	Morley silt loam, B-1	Morley silt loam, 2 to 6 percent slopes MuB
5734-B-1	Morley loam, B-1	
734-A-1	Morley silt loam, B-1	
734-A-2		
894-B-1	Unnamed silt loam, B-1	
903-B-1	Rawson silt loam, B-1	
734-B-2	Morley silt loam, B-2	Morley silt loam, 2 to 6 percent slopes, eroded MuB2
903-B-2	Rawson silt loam, B-2	
734-C-2	Morley silt loam, C-2	Morley silt loam, 6 to 18 percent slopes, eroded MuD2
734-CK-2	Morley silt loam, hummocky topo., C-2	
734-C-1	Morley silt loam, C-2	
734-D-2	Morley silt loam, D-2	
734v-D-2	Morley silt loam, gravelly substratum, D-2	
734-D-1	Morley silt loam, D-2	
734v-B-2	Morley silt loam, gravelly substratum, B-2	Morley silt loam, gravelly substratum, 2 to 6 percent slopes, eroded MvB2
734v-B-1		
734v-A-1		
734v-A-+		
734v-B-+		
734v-C-2	Morley silt loam, gravelly substratum	Morley silt loam, gravelly substratum, 6 to 12 percent slopes, eroded MvC2
734v-C-1		
734v-C-3		
734-B-3	Morley silt loam, B-3	Morley silty clay loam, 2 to 6 percent slopes severely eroded MwB3
734v-B-3	Morley silt loam, gravelly substratum, B-3	
734-A-3	Morley silt loam, B-3	
734-C-3	Morley silt loam, C-3	Morley silty clay loam, 6 to 12 percent slopes, severely eroded MwC2
734v-C-3	Morley silt loam, gravelly substratum, C-3	
904-C-3	Esmen silt loam, C-3	
445-A-1	Ockley silt loam, A-1	Ockley silt loam, 0 to 2 percent slopes OcA
445-A-+		
5445-A-1	Ockley loam, A-1	

Symbol	Field Name	Approved Name
445-B-1	Ockley silt loam, B-+	Ockley silt loam, 2 to 6 percent slopes OcB
5445-B-1	Ockley loam, B-1	
5445-B-2		
445-B-2	Ockley silt loam, B-2	
445-B-3		
5445-B-3	Ockley loam, B-3	
445-B-+	Ockley silt loam, B-+	
5445-B-+	Ockley loam, B-3	
3738	Pewamo silty clay loam, A-0	Pewamo silty clay loam Pe
3738-A-0		
3239	Bono silty clay loam, A-0	
3239-A-0		
3239-A-+		
3738-A-+	Pewamo silty clay loam, A-+	
3738-B-1		
3739	Unnamed silty clay loam, A-0	
3739-A-0		
3739-A-+		
3238	Toledo silty clay loam, A-0	
3238-A-0		
3898	Patton silty clay loam, A-0	Pewamo silty clay loam, stratified substratum Pf
3898-A-0		
3778-A-0	Monrovia silty clay loam, A-0	
3899	Unnamed silty clay loam, A-0	
3899-A-0		
3779-A-0		
898-A-0	Patton silt loam, A-0	
3899-A-+	Unnamed silty clay loam, A-0	
108	Washtenaw silt loam, A-0	Pewamo and Brookston silt loams, overwash Pk
108-A-0		
108-A-+		
3488	Mahalasville silty clay loam, A-0	Rensselaer silty clay loam Rc
3488-A-0		
3488-B-1		
3488-A-+		
488	Mahalasville silt loam, A-0	
488-A-0		
5488	Mahalasville loam, A-0	
8488	Mahalasville sandy loam, A-0	

Symbol	Field Name	Approved Name
24	Ross silt loam, A-0	Ross silt loam Ro
24-A-0		
24ca-A-0	Ross silt loam, calcareous variant, A-0	
3024	Ross silty clay loam, A-0	
3024-A-0		
5024-A-0	Ross loam, A-0	
3338	Sebewa silty clay loam, A-0	Sebewa silty clay loam Se
3338-A-0		
338	Sebewa silt loam, A-0	
338-A-0		
3218-A-0	Millsdale silty clay loam, A-0	
3218		
51068-A-0	Mussey loam, A-0	
51068-B-1		
12	Shoals silt loam, A-0	Shoals silt loam Sh
12-A-0		
5012	Shoals loam, A-0	
5012-A-0		
3012	Shoals silty clay loam, A-0	
3012-A-0		
18	Sloan silt loam, A-0	Sloan silt loam Sn
18-A-0		
5018	Sloan loam, A-0	
5018-A-0		
3018	Sloan silty clay loam, A-0	
3018-A-0		
100	Wallkill silt loam, A-0	Wallkill silt loam Wa
100-A-0		
100-A-1		
4100-A-0		
3100	Wallkill silty clay loam, A-0	
3100-A-0		

Series recommended for establishment as a result of this correlation:

None

Series previously recommended for establishment:

None

Series recommended to be made inactive:

None

Instructions to the Cartographic Section:

Slope Groups and slope figures to be included with each slope group:

A - Includes 0, 1, 2 percent slopes
B - Includes 3, 4, 5, 6 percent slopes
C - Includes 7, 8, 9, 10, 11, 12 percent slopes
D - Includes 13, 14, 15, 16, 17, 18 percent slopes
E - Includes 19, 20, 21, 22, 23, 24, 25 percent slopes
F - Includes 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 percent slopes
G - Includes all slopes 36 percent and above

All conventional signs and symbols shall be shown according to instructions in the legend submitted with the field sheets to cartographic with the following exceptions. Do not show unused schools, houses or churches on the published soil survey. Use standard symbols where possible.

Approved: June 7, 1968

W. E. McLuzen For

John E. McClelland
Principal Soil Correlator
Midwest Regional Technical Service Center

Notes to Accompany

Classification and Correlation

of the Soils of
Delaware County, Indiana

by
Robert I. Turner

1. BROOKSTON SERIES
Some areas are included as taxadjuncts which will qualify as members of a fine or fine-silty family.

2. CARLISLE SERIES
In this county these soils are less acid than is typical for the Carlisle series.

3. CROSBY SERIES
There didn't seem to be significant differences between the two slope groups to be worthy keeping both slope groups.

4. GENESEE SERIES
Most of the Genesee in this county is slightly calcareous through much of the solum. The free calcium carbonate content is so low or so inactive that it has no known effect on the use and management of these areas. At the present time those soils which are calcareous throughout the control section and above are considered as taxadjuncts in the Genesee series, although study is being made to see if they should be included in the range of the series.

5. GRAVEL PITS AND STONE QUARRIES
Those of less than 2 acres in size should be shown as a gravel pit spot symbol.

6. HENNEPIN SERIES
Surface texture was changed to loam by the review party.

7. MARTINSVILLE SERIES
The review party agreed that the surface texture was more accurately identified as a loam rather than silt loams.

8. PATTON SERIES
It was judged that this soil was better characterized as a substratum phase of Pewamo as the texture of the control section was finer than the allowable range for the Patton series.

9. SHOALS SERIES
Much of the Shoals soil in this county is mildly alkaline and slightly calcareous within much of the control section. The free calcium carbonate content is so low or so inactive that it has no known effect on the use and management of these soils. At the present time the soils called Shoals which are calcareous within less than 15 inches from the surface are considered to be taxadjuncts on that account.

10. SLOAN SERIES

Some of the Sloan soil in this county is mildly alkaline throughout the control section and is slightly calcareous in much of the control section above 18 to 20 inches. The free calcium carbonate content is so low or so inactive that it has no known effect on the use and management of these soils. Those soils that have free carbonates at less than 20 inches depth are considered to be taxadjuncts on that account.

SOIL CLASSIFICATION

Delaware County, Indiana

by
R. I. Turner, H. P. Ulrich, and F. W. Sanders

Soil Series	Classification
Blount	Aeric Ochraqualfs, fine, illitic, mesic
Brookston	Typic Argiaquolls, fine-loamy, mixed, noncalcareous, mesic
Carlisle	Histosols
Crosby	Aeric Ochraqualfs, fine-loamy, mixed, mesic
Fox	Typic Hapludalfs, fine-loamy over sandy or sandy-skeletal, mixed, mesic
Genesee	Fluventic Eutrochrepts, fine-loamy, mixed, mesic
Hennepin	Typic Eutrochrepts, fine-loamy, mixed, mesic
Kokomo	Typic Argiaquolls, fine, mixed, noncalcareous, mesic
Linwood	Histosols
Martinsville	Typic Hapludalfs, fine-loamy, mixed, mesic
Miami	Typic Hapludalfs, fine-loamy, mixed, mesic
Morley	Typic Hapludalfs, fine, illitic, mesic
Ockley	Typic Hapludalfs, fine-loamy, mixed, mesic
Pewamo	Typic Argiaquolls, fine, mixed, noncalcareous, mesic
Rensselaer	Typic Argiaquolls, fine-loamy, mixed, noncalcareous, mesic
Ross	Cumulic Hapludolls, fine-loamy, mixed, mesic (Cumulic?)
Sebewa	Typic Argiaquolls, fine-loamy over sandy or sandy-skeletal, mixed, noncalcareous, mesic (Mollic Ochraqualfs?)
Shoals	Aeric Fluventic Haplaquepts, fine-loamy, mixed, nonacid, mesic (Fluventic Haplaquepts?)
Sloan	Fluventic Haplaquolls, fine-loamy, mixed, noncalcareous, mesic
Wallkill	Thapto-Histic Haplaquepts, fine-loamy, mixed, nonacid, mesic

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