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| country: | ISM - WAGENINGEN |
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The general inclusion of several levels of classification. These are the order, which is the most inclusive; suborder; great group; and soil series. The series is the component of the individual map units. Order in the state are: Alfisols, Entisols, Histosols, Inceptisols, Ultisols, and Vertisols. Brief descriptions for each order are given. The suborder category is the second level and each is briefly described and the name of the suborder identified in parentheses. The great group is the third level of classification. It is briefly described and the name of the great group is identified in parentheses.

The soil associations are composed of soil series that occur together on the landscape. They are named for the dominant soils. In addition to the named soils, there are lesser amounts of other soils. These are symbols such as A-1, A-2, E-1, etc.

Soil associations are grouped under the appropriate order, suborder, and great group categories. Brief descriptions that include slope, drainage, texture, and landscape position for each association are included. The series are the ones currently recognized in the state. They are not always the same as the ones in older published surveys. This is due to changes in series concepts.

The color of the map represents the classification at the suborder level of the dominant soil; however, the less extensive soils may belong to other taxa.

For complete definitions of taxa see:

UNITED STATES DEPARTMENT OF AGRICULTURE
1960. SOIL CLASSIFICATION, A COMPREHENSIVE SYSTEM.
7TH APPROXIMATION. Soil Conservation Serv.

265 pp., illus. (Supplements issued in March 1967,
September 1968, and April 1969)

1970. SELECTED CHAPTERS FROM THE UNEDITED TEXT OF THE
SOIL TAXONOMY OF THE NATIONAL COOPERATIVE
SOIL SURVEY. Soil Conservation Serv.

Complete descriptions of the soil series are available from the Soil
Conservation Service. The unedited text of Soil Taxonomy is available in
offices of the Soil Conservation Service and of the Mississippi Agricultural
and Forestry Experiment Station.

A-19 Freestone-Cadeville-Susquehanna association:
Soils that have loamy upper horizons and clayey lower B horizons; and moderately poorly drained, moderately well drained, and some what poorly drained soils with thin loamy A horizons and clayey B horizons. (Aquents)

Dominantly wet soils that are wet for long periods and have gray colors. Dominantly wet soils of the flood plains that are usually moist.

E-1 Arkabutla-Roseboom-Velda association:
Nearly level, somewhat poorly drained and poorly drained soils with thin silty A horizons and clayey B horizons. (Fluvaquents)

Dominantly wet soils of the flood plains with depth. (Fluvaquents)

Matter that decreases irregularly with depth. (Fluvaquents)

E-2 Dominantly wet soils that are seasonally wet and have gray colors. Dominantly wet soils with a light colored A horizon and a moderately thick B horizon of clay accumulation. (Haplaquents)

E-3 Commerce-Robinsonville-Crevasse association:
Nearly level, somewhat poorly drained, silty soils. (Aquents)

E-4 Commerce-Robinsonville-Crevasse association:
Well drained, loamy soils; and excessively drained, silty soils. (Aquents)

E-5 Commerce-Tunica-Bowdre association:
Nearly level, somewhat poorly drained, silty soils. (Aquents)

E-6 Falaya-Collins-Waverly association:
Clayey over loamy soils. (Aquents)

E-7 Gillsburg-Artle-Arkabutla association:
Well drained, and poorly drained, acid, silty soils. (Closaquents)

A-1 Guyton-Rosella-Bassfield association:
Nearly level, poorly drained, silty soils; poorly drained, loamy soils high in sodium and well drained, loamy soils on terraces.

Dominantly wet soils with a gradual change in texture from the A horizon to the B horizon of clay accumulation. (Ochraqents)

A-2 Dundee-Dubbs association:
Nearly level and gently sloping, somewhat poorly drained and well drained, silty soils on natural levees.

A-3 Dundee-Forstade-Dubbs association:
Nearly level and gently sloping, silty soils on natural levees.

A-4 Forstade-Alligator association:
Nearly level, poorly drained soils with silty A horizons and clayey B horizons; and well drained silty soils; poorly drained soils with silty A horizons and clayey B horizons; and moderately well drained silty soils of the flood plains that are usually moist.

E-10 Nugent-Harleston-Smithton association:
Nearly level and gently sloping, excessively drained, sandy soils; and moderately well drained and poorly drained, loamy soils on flood plains and low terraces.

E-11 Morganfield-Alder association:
Morganfield-Alder association:
Well drained, silty soils. (Aquents)

Dominantly moist soils that during the warm season of the year may be intermittently dry in some horizons for short periods. (Udalfs)

Dominantly silty soils that have a fragipan. (Fraglufts)

A-5 Gentry sloping and sloping, moderately well drained, silty soils that have a fragipan; and nearly level, somewhat poorly drained, silty soils on flood plains.

A-6 Loring-Smithdale-Providence association:
Gentry sloping and sloping, moderately well drained, silty soils that have a fragipan; and moderately well drained, silty soils on flood plains.

A-7 Providence-Bude association:
Providence-Bude association:
Nearly level and gently sloping, somewhat poorly drained, silty soils that have a fragipan.

A-8 Providence-Ora-Arkabutla association:
Providence-Ora-Arkabutla association:
Nearly level and gently sloping, moderately well drained, silty and loamy soils that have a fragipan on uplands and near level, somewhat poorly drained, acid, silty soils on flood plains.

A-9 Providence-Ruston-Bude association:
Providence-Ruston-Bude association:
Nearly level to sloping, moderately well drained, silty soils that have a fragipan and some what poorly drained, silty soils on flood plains.

A-10 Dubbs-Dundee association:
Dubbs-Dundee association:
Nearly level and gently sloping, well and somewhat poorly drained, silty soils on natural levees.

A-11 Kipling-Leeper-Eutaw association:
Kipling-Leeper-Eutaw association:
Nearly level and gently sloping, somewhat poorly drained silty soils that have thin loamy A horizons and clayey B horizons on uplands; and somewhat poorly drained silty soils that have thin loamy A horizons and clayey B horizons on uplands.

A-12 Kipling-Savannah-Oktibbeha association:
Kipling-Savannah-Oktibbeha association:
Nearly level to sloping, moderately well and somewhat poorly drained silty soils with thin loamy A horizons and clayey B horizons; and moderately well drained, loamy soils that have a fragipan; and some what poorly drained, silty soils; moderately well drained, loamy soils that have a fragipan; and some what poorly drained, silty soils on flood plains.

A-13 Longview-Savannah-Falkner association:
Longview-Savannah-Falkner association:
Loamy soils that have a fragipan on uplands.

A-14 Memphis-Loring-Natchez association:
Memphis-Loring-Natchez association:
Gently sloping to steeply sloping, well drained, silty soils; and gently sloping and sloping, moderately well drained, silty soils that have a fragipan on uplands.

A-15 Oktibbeha-Ora association:
Oktibbeha-Ora association:
Nearly level to sloping, moderately well drained silty soils with thin loamy A horizons and clayey B horizons and moderately well drained, loamy soils that have a fragipan on uplands.

A-16 Vaiden-Cutaw-Sumter association:
Vaiden-Cutaw-Sumter association:
Nearly level to sloping, somewhat poorly drained silty soils that have thin A horizons and clayey B horizons; and gently sloping and sloping, well drained, silty soils on uplands.

A-17 Wilcox-Falkner-Mayhew association:
Wilcox-Falkner-Mayhew association:
Gently sloping to steeply sloping, somewhat poorly drained silty soils with thin loamy A horizons and clayey B horizons; and nearly level to sloping, somewhat poorly drained silty upper horizons and clayey lower horizons; and nearly level and gently sloping, silty soils and nearly level and gently sloping, poorly drained silty soils on uplands.

A-18 Falkner-Adaton-Mayhew association:
Falkner-Adaton-Mayhew association:
Nearly level to sloping, somewhat poorly drained silty soils that have silty upper horizons and clayey lower horizons; and nearly level, poorly sloping, poorly drained silty soils and nearly level and gently sloping, poorly drained silty soils on uplands.

A-19 Falmouth-Adaton-Mayhew association:
Falmouth-Adaton-Mayhew association:
Nearly level to sloping, somewhat poorly drained silty soils that have silty upper horizons and clayey lower horizons; and nearly level, poorly sloping, poorly drained silty soils and nearly level and gently sloping, poorly drained silty soils on uplands.

A-19 Freestone-Cadeville-Susquehanna association:
Soils that have loamy upper horizons and clayey lower B horizons; and moderately poorly drained, moderately well drained, and some what poorly drained soils with thin loamy A horizons and clayey B horizons. (Aquents)

Dominantly seasonally wet soils that have mottles, iron-manganese concretions or gray colors. (Aquents)

Dominantly silty soils with a thin, light colored, loamy A horizon with an abrupt boundary at the top of the clayey B horizon. (Albaquents)

U-1 Lear-Lenoir association:
Nearly level, poorly drained and some what poorly drained silty soils that have thin, loamy A horizons and clayey B horizons on flood plains and low terraces.

U-2 Atmore-Harleston-Punmer association:
Dominantly wet soils with thick, gray mottled B horizons. (Haplaquents)

U-3 Tloloc-Manatchie-Laetoria association:
Zones on low terraces.

U-4 Prentiss-Cahaba-Stough association:
Nearly level and gently sloping, moderately well drained, loamy soils that have a fragipan; and well drained, and some what poorly drained, loamy soils on terraces.

U-5 Savannah-Ora-Stough association:
Nearly level to sloping, moderately well drained, loamy soils that have a fragipan; and near level and gently sloping, somewhat poorly drained, loamy soils on uplands.

U-6 Savannah-Susquehanna-Falkner association:
Savannah-Susquehanna-Falkner association:
Nearly level to sloping, moderately well drained, loamy soils that have a fragipan; and some what poorly drained, silty soils on uplands.

U-7 Lunderdale-Arunder-Sweatman association:
Sloping to steeply sloping, shallow, well drained, loamy soils over rock, and moderately well and well drained B horizons that have thin loamy A horizons and clayey B horizons.

U-8 Latoria-Ataga-Bibb association:
Clayey B horizons on uplands.

U-9 Sweetman-Boswell association:
Loamy soils on low terraces and flood plains.

U-10 Eustis-Latonia-Lakeand association:
Eustis-Latonia-Lakeand association:
Nearly level and gently sloping, somewhat excessively drained, silty soils; and well drained, loamy soils on terraces and uplands.

U-11 Harleston-Lenoir-Athore association:
Nearly level and gently sloping, moderately well drained, loamy soils on terraces and uplands.

U-12 McLaurin-Bendable-Lucedale association:
McLaurin-Bendable-Lucedale association:
Well drained, loamy soils on low terraces.

U-13 McLaurin-Lucy-Troup association:
McLaurin-Lucy-Troup association:
Nearly level to sloping, well drained, loamy soils on uplands.

U-14 McLaurin-Frenness-Freestone association:
McLaurin-Frenness-Freestone association:
Nearly level to sloping, well drained, loamy soils; and gently sloping and sloping, moderately well drained, loamy soils that have a fragipan; and sloping to steeply sloping, moderately well drained soils that have loamy upper horizons and clayey B horizons on uplands.

U-15 McLaurin-Ruston-Saucier association:
McLaurin-Ruston-Saucier association:
Nearly level to sloping, well drained, loamy soils; and nearly level to sloping, moderately well drained, loamy soils on uplands.

U-16 McLaurin-Susquehanna-Alaga association:
McLaurin-Susquehanna-Alaga association:
Well drained, loamy soils on uplands.

U-17 McLaurin-Sweetman association:
McLaurin-Sweetman association:
Gently sloping to steeply sloping, well drained, loamy soils; and some what poorly drained, silty soils on uplands.

U-18 Portch-Atmore-Harleston association:
Portch-Atmore-Harleston association:
Nearly level and gently sloping, well drained and moderately well drained, loamy soils on low terraces.

U-19 Ruston-Mablis-Susquehanna association:
Ruston-Mablis-Susquehanna association:
Nearly sloping to steeply sloping, well drained, loamy soils; and nearly level, poorly drained, loamy soils on low terraces.

U-20 Ruston-Ora-Smithdale association:
Ruston-Ora-Smithdale association:
Gently sloping to steeply sloping, well drained, loamy soils; and gently sloping, moderately well drained, silty soils on uplands.

U-21 Saucier-Portch-Athore association:
Saucier-Portch-Athore association:
Nearly level to sloping, moderately well drained, loamy soils; and gently sloping, moderately well drained, silty soils that have a fragipan on uplands.

U-22 Smithdale-Awood association:
Smithdale-Awood association:
Loamy soils on uplands and low terraces.

U-23 Smithdale-Cadeville-Lexington association:
Smithdale-Cadeville-Lexington association:
Sloping to steeply sloping, well drained, loamy soils; and moderately well drained, silty soils with loamy A horizons and clayey B horizons; and near level to sloping, well drained, silty soils on uplands.

U-24 Smithdale-Cadeville-Providence association:
Smithdale-Cadeville-Providence association:
Sloping to steeply sloping, well drained, loamy soils; and moderately well drained, silty soils with loamy A horizons and clayey B horizons; and near level to sloping, well drained, silty soils on uplands.

U-25 Smithdale-Lexington-Providence association:
Smithdale-Lexington-Providence association:
Have a fragipan on uplands.

U-26 Smithdale-Susquehanna association:
Smithdale-Susquehanna association:
Sloping to steeply sloping, well drained, loamy soils; and gently sloping to steeply sloping, somewhat poorly drained silty soils that have loamy A horizons and clayey B horizons on uplands.

U-27 Smithdale-Sweetman-Ora association:
Smithdale-Sweetman-Ora association:
Sloping to steeply sloping, well drained, loamy soils; and some what poorly drained, silty soils on uplands.

U-29 Smithdale-Sweetman-Saffell association:
Smithdale-Sweetman-Saffell association:
That have a fragipan on uplands.

U-30 Okona-Vaiden-Leeper association:
Okona-Vaiden-Leeper association:
White, in the A horizon. (Chromuders)

V-1 Nearly level and gently sloping, well drained and somewhat poorly drained, clayey soils of the up-lands and some what poorly drained, clayey soils of the flood plains.

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SOILS OF MISSISSIPPI