

Major Land Resource Area 131A

Southern Mississippi River Alluvium

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Ecological site keys

MLRA 131A Site Key

I. St Francis Basin

A. Backswamp

1 Ponded Depressions ... F131AY105AR – Western Lowlands - Frequently Flooded and Ponded Oxbow and Swale Forest

2 Very Deep, Poorly Drained Clayey Alluvium

i. Level Surfaces (Talfs) ... F131AY201AR – St. Francis - Wet Clayey Backswamp Flat

ii. Low Ridges (Rises) ... F131AY202AR – St. Francis - Low Clayey Backswamp Ridge Forest

3 Poorly to Somewhat Poorly Drained Clayey Over Loamy ... F131AY203AR – St. Francis - Wet Transitional Backswamp Forest

B. Pleistocene Valley Train

1 Somewhat Excessively to Excessively Drained Ridges and Braid Bars ... F131AY204AR – St. Francis - Braid Bar Woodland

2 Moderately Well to Well Drained Interfluves ... F131AY205AR – St. Francis - Loamy Braided Interfluve Forest

3 Poorly to Somewhat Poorly Drained Interfluves ... F131AY206AR – St. Francis - Wet Braided Interfluve Forest

4 Poorly Drained Remnant Channels ... F131AY207AR – St. Francis - Braided Channel Forest

C. Holocene Meander Belts and Floodplains

1 Somewhat Excessively to Excessively Drained ... F131AY208AR – St. Francis - Sandy Natural Levee and Meander Scroll Forest

2 Old Natural Levee

i. Moderately Well to Well Drained ... F131AY209AR – St. Francis - Old Loamy Natural Levee and Meander Scroll Forest

ii. Somewhat Poorly Drained ... F131AY210AR – St. Francis - Old Moderately Wet Natural Levee and Meander Scroll Forest

iii. **Poorly Drained** ... F131AY211AR – St. Francis - Old Wet Natural Levee and Meander Scroll Forest

3 Recent Natural Levee

i. **Well Drained** ... F131AY212AR – St. Francis - Recent Loamy Natural Levee and Meander Scroll Forest

ii. **Somewhat Poorly to Moderately Well Drained** ... F131AY213AR – St. Francis - Recent Moderately Wet Natural Levee and Meander Scroll Forest

iii. **Poorly to Somewhat Poorly Drained** ... F131AY214AR – St. Francis - Recent Wet Natural Levee and Meander Scroll Forest

II. Western Lowlands

A. [Criteria]

III. Yazoo Basin

A. Backswamp

1 Ponded Depressions ... F131AY301MS – Yazoo - Frequently Flooded and Ponded Oxbow and Swale Forest

2 Very Deep, Poorly Drained Clayey Alluvium

i. **Level Surfaces (Talfs)** ... F131AY302MS – Yazoo - Wet Clayey Backswamp Flat Forest

ii. **Low Ridges (Rises)** ... F131AY303MS – Yazoo - Low Clayey Backswamp Ridge Forest

3 Somewhat Poorly to Poorly Drained Clayey Over Loamy ... F131AY304MS – Yazoo - Wet Transitional Backswamp Forest

B. Old Natural Levees

1 Somewhat Excessively to Excessively Drained ... F131AY305MS – Yazoo - Old Sandy Natural Levee and Meander Scroll Ridge Forest

2 Moderately Well to Well Drained ... F131AY306MS – Yazoo - Old Loamy Natural Levee and Meander Scroll Ridge Forest

3 Somewhat Poorly Drained (Fine-silty) ... F131AY307MS – Yazoo - Old Moderately Wet Natural Levee and Meander Scroll Ridge Forest

4 Somewhat Poorly to Poorly Drained (Fine particle size) ... F131AY308MS – Yazoo - Old Wet Natural Levee and Meander Scroll Forest

C. Recent Natural Levees

1 Excessively Drained ... F131AY309MS – Yazoo - Recent Sandy Natural Levee and Meander Scroll Ridge Forest

2 Well Drained ... F131AY310MS – Yazoo - Recent Loamy Natural Levee and Meander Scroll Ridge Forest

3 Moderately Well to Somewhat Poorly Drained ... F131AY311MS – Yazoo - Recent Moderately Wet Natural Levee and Meander Scroll Ridge Forest

4 Somewhat Poorly (Clayey over Loamy) to Poorly Drained ... F131AY312MS – Yazoo - Recent Wet Natural Levee and Meander Scroll Forest

D. Valley Train

1 Moderately Well to Well Drained Ridges and Braid Bars ... F131AY313MS – Yazoo – Pleistocene Valley Train Braid Bar Woodland

IV. Tensas Basin

A. Frequently Flooded

1 Very Poorly Drained ... F131AY401LA – Tensas Basin - Frequently Flooded Poned Very Poorly Drained Oxbows and Swales

2 Excessively Drained ... F131AY407LA – Tensas Basin - Pointbars, Sandbars, and Splays

B. None to Frequently Flooded

1 Poorly Drained

i. Backswamp ... F131AY402LA – Tensas Basin - Poorly Drained Backswamp

ii. Ridge Swale ... F131AY403LA – Tensas Basin - Poorly Drained Ridge and Swale Complex

2 Somewhat Poorly Drained

ii. Wet Toe Slope ... F131AY406LA – Tensas Basin - Natural Levees and Ridge Hardwoods

i. Bottomland ... F131AY405LA – Tensas Basin - Somewhat Poorly Drained Bottomland Hardwoods

C. None to Occasionally Flooded

1 Well Drained ... F131AY406LA – Tensas Basin - Natural Levees and Ridge Hardwoods

V. Delta Basin

A. Frequently Flooded

1 Very Poorly Drained ... F131AY501LA – Delta Plain - Frequently Flooded Poned Very Poorly Drained Oxbows and Swales

B. None to Frequently Flooded

1 Poorly Drained ... F131AY502LA – Delta Plain - Poorly Drained Backswamp

2 Somewhat Poorly Drained ... F131AY503LA – Delta Plain - Somewhat Poorly Drained Bottomland Hardwoods

C. None to Occasionally Flooded

1 Well Drained ... F131AY504LA – Delta Plain - Natural Levees and Ridge Hardwoods

VI. Batture Region

A. Rare to Frequently Flooded

1 Excessively to Very Poorly Drained ... F131AY601MS – Batture - Mississippi River Unprotected By Levee Sites

B. Frequently Flooded

1 Very Poorly Drained ... F131AY602MS – Batture - Frequently Flooded Very Poorly Drained Ponded Oxbow and Swale Forest

2 Poorly Drained ... F131AY603MS – Batture - Frequently Flooded Wet Backswamp Flat Forest

3 Excessively Drained ... F131AY606MS – Batture - Frequently Flooded Pointbars, Sandbars, and Splays

C. Occasional to Frequently Flooded

1 Somewhat Poorly to Moderately Well Drained ... F131AY604MS – Batture - Frequently Flooded Moderately Wet Low Ridge Forest

2 Excessively to Well Drained ... F131AY605MS – Batture - Frequently Flooded Natural Levee and Ridge Forest