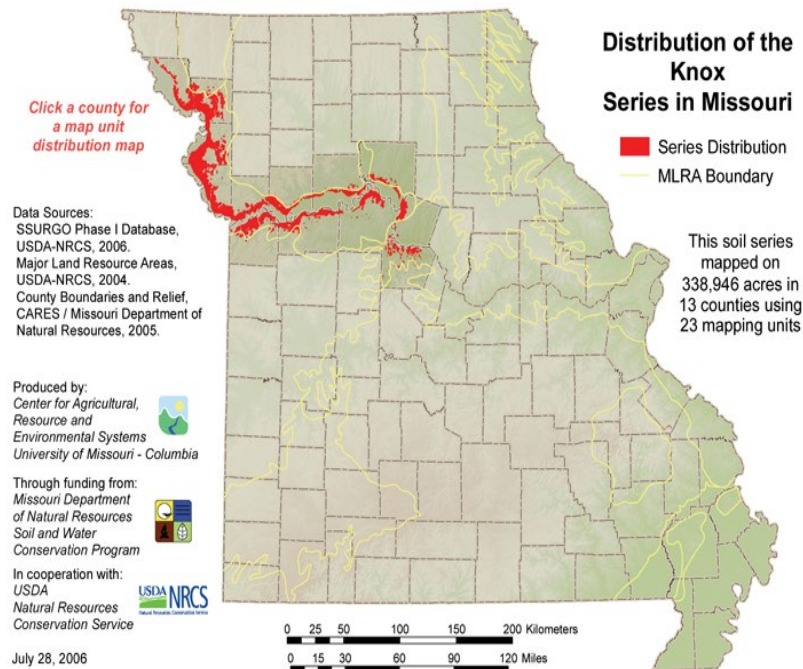


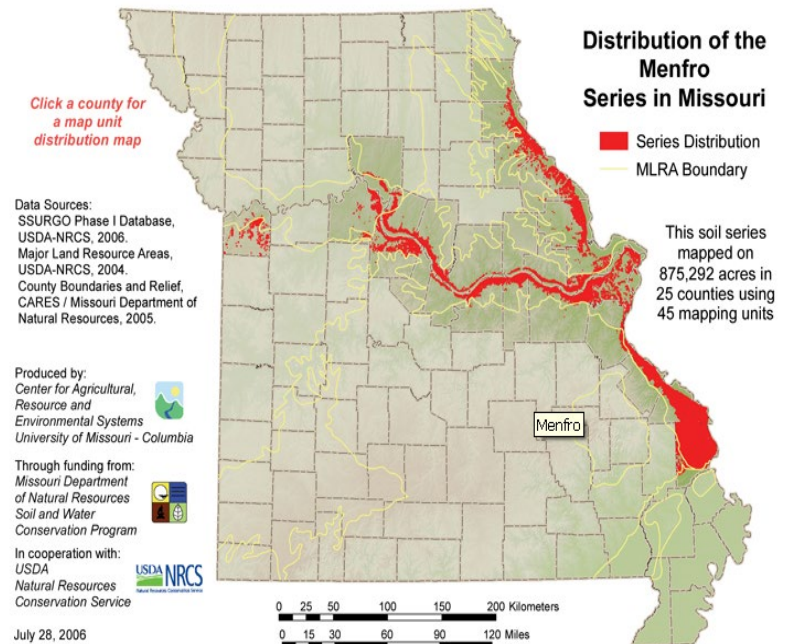
Where are the ideal locations for the Missouri Chestnut Industry?

- Chinese chestnut orchards well suited to sloping, fertile, deep, erodible loess soils in Missouri River Hills region. Over 1.2 million acres!

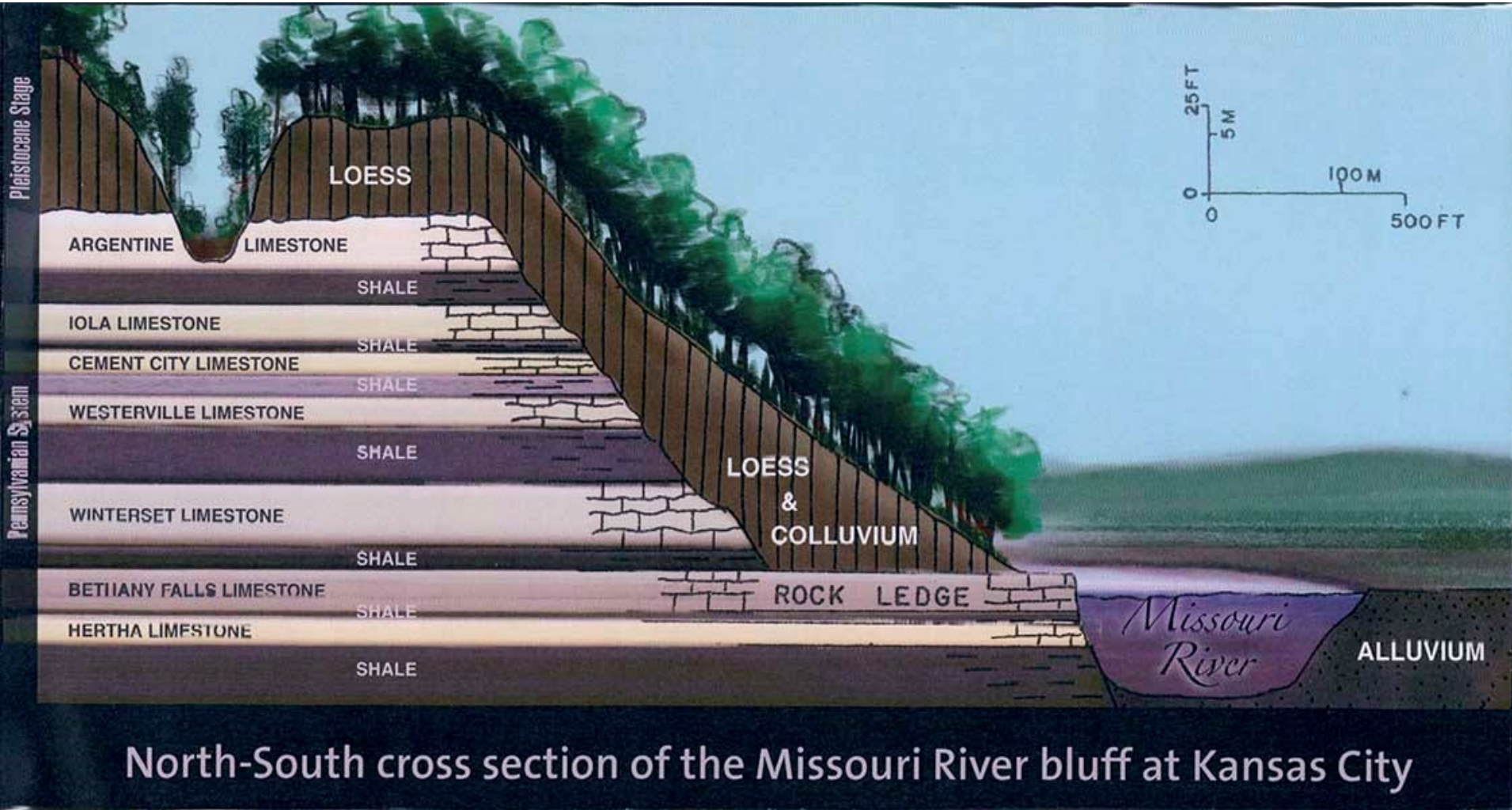
Distribution Map of the Knox Series



Distribution Map of the Menfro Series



Loess is wind-blown silt of glacial origin. The silt was picked up off of the flood plain of the Missouri and Kansas Rivers and deposited on the bluffs.



North-South cross section of the Missouri River bluff at Kansas City

https://kcdv.tv/big-muddy-speakers-series/2013/08_august/richard-gentile/images-large/04-cross-section-missouri-river-bluff-kansas-city.jpg

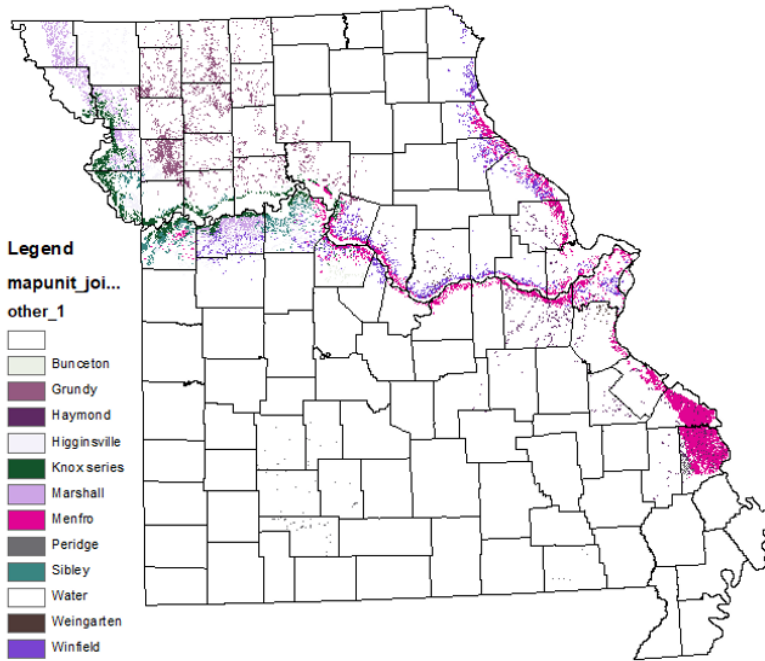
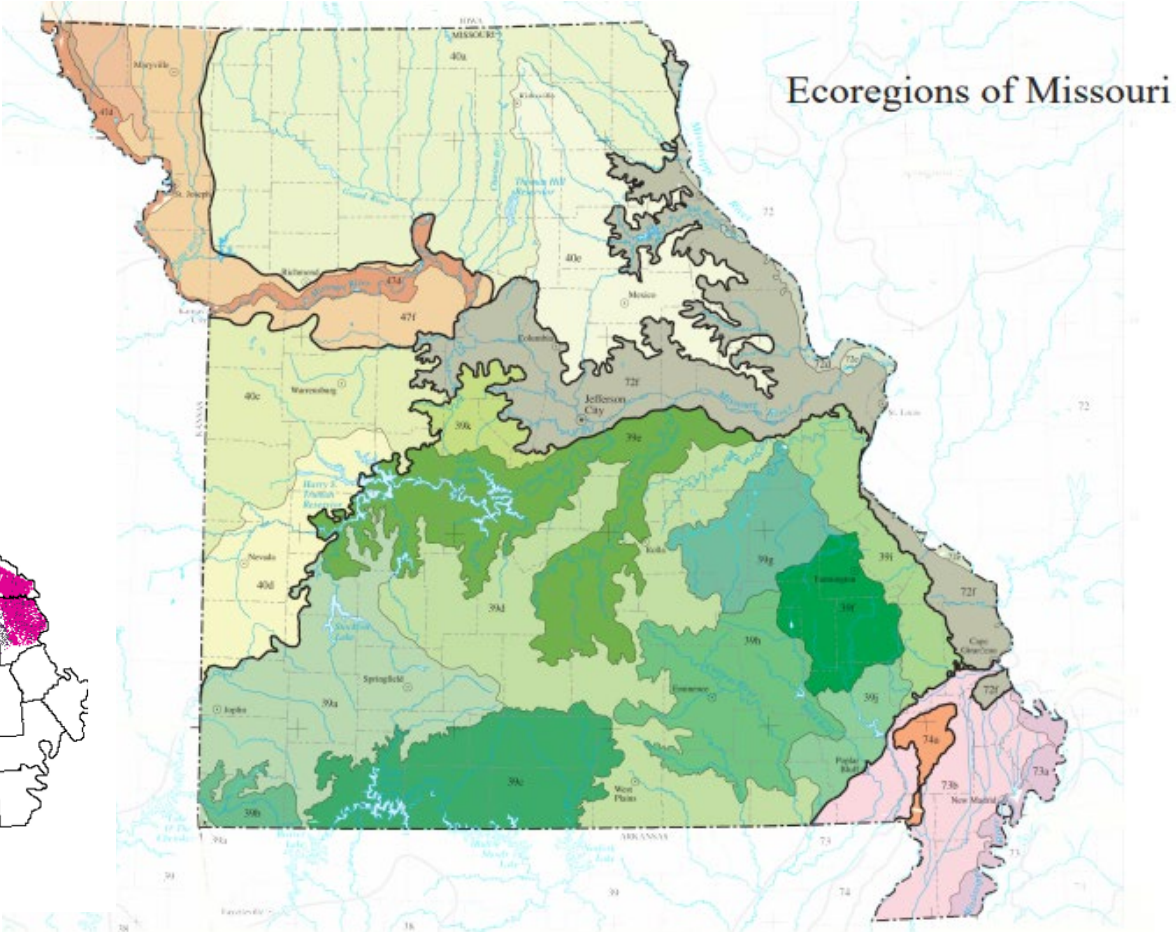


Figure 1: River Loess Soil Series in Missouri



- | | | |
|-----------------------------------|------------------------------------|--|
| 39 Ozark Highlands | 40 Central Irregular Plains | 52 Driftless Area |
| 39a Springfield Plateau | 40a Loess Flats and Till Plains | 52b Paleozoic Plateau/Coulee Section |
| 39b Elk River Hills | 40c Wooded Osage Plains | 72 Interior River Valleys and Hills |
| 39c White River Hills | 40d Cherokee Plains | 72d Upper Mississippi Alluvial Plain |
| 39d Central Plateau | 40e Claypan Prairie | 72e Middle Mississippi Alluvial Plain |
| 39e Osage/Gasconade Hills | 47 Western Corn Belt Plains | 72f River Hills |
| 39f St. Francois Knobs and Basins | 47a Northwest Iowa Loess Prairies | 73 Mississippi Alluvial Plain |
| 39g Meramec River Hills | 47b Des Moines Lobe | 73a Holocene Meander Belts |
| 39h Current River Hills | 47c Iowan Surface | 73b Pleistocene Valley Trains |
| 39i Eastern Ozark Border | 47d Missouri Alluvial Plain | 74 Mississippi Valley Loess Plains |
| 39j Black River Hills Border | 47e Steeply Rolling Loess Prairies | 74a Bluff Hills |
| 39k Prairie Ozark Border | 47f Rolling Loess Prairies | |
| | 47m Western Loess Hills | |

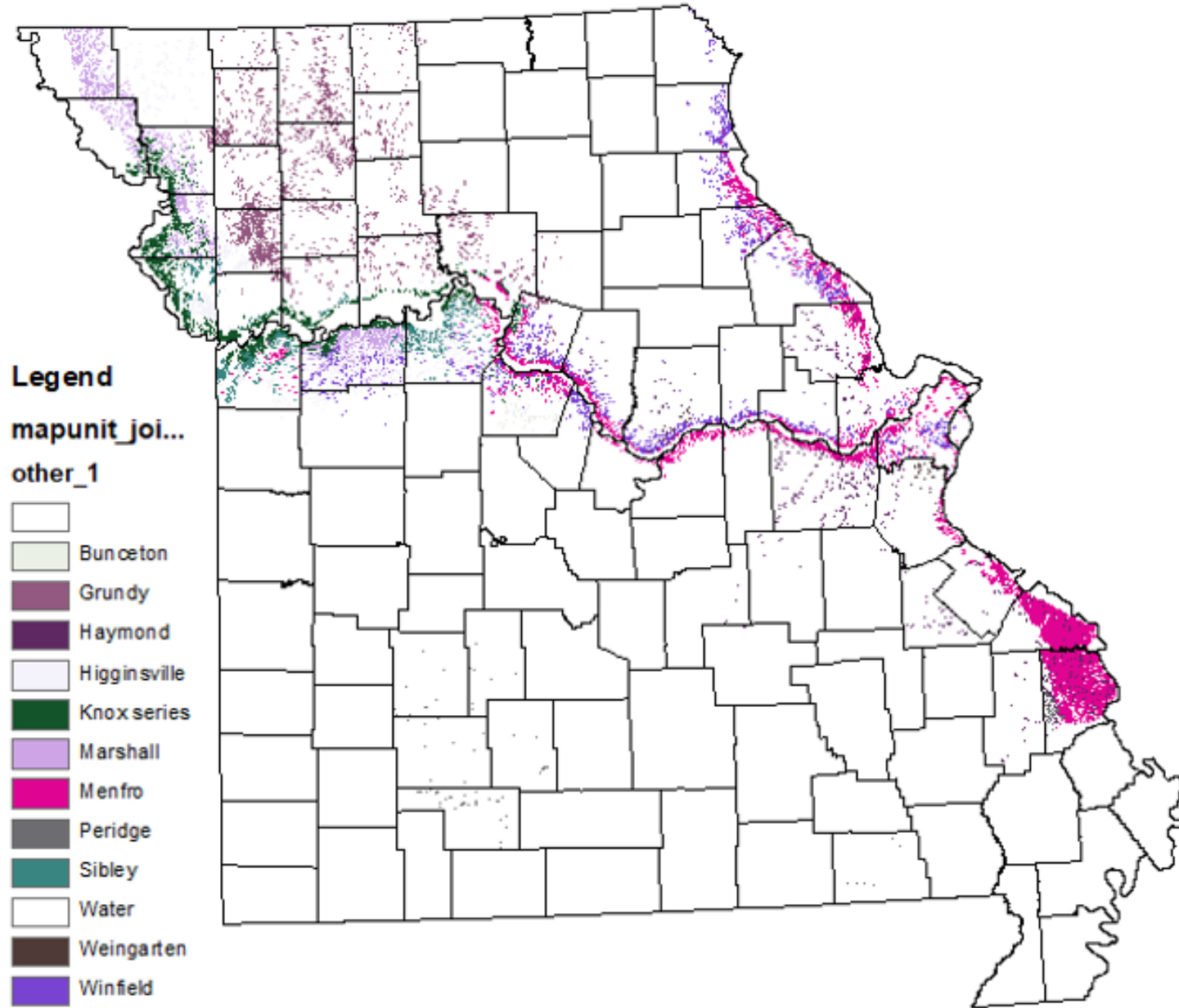


Figure 1: River Loess Soil Series in Missouri