

OLD CLASSIFICATION (Zeller, ed., 1968)				NEW CLASSIFICATION (presented herein) for KANSAS (and states to north)				
				south	north			
MO. NEB. KS.	VIRGILIAN STAGE	DOUGLAS GROUP	LAWRENCE FM.	Robbins Shale Member	Robbins Shale Member		LAWRENCE FM.	
					Shoemaker Limestone Mbr.		CASS LS.	
					Little Pawnee Shale Member			
				Haskell Ls. Mbr.	Haskell Limestone Member			
			STRANGER FM.	Vinland Shale Mbr.	Vinland Shale Member		STRANGER FM.	
				Westphalia Ls. Mbr.	Westphalia Limestone Member			
				Tonganoxie Ss. M.	Upr. Sibley coal bed			
				↳ iatan Ls. ↳	↳ iatan	Tonganoxie Ss. Member		latan Ls. Mbr.
				Weston Shale Member	Weston Sh. Mbr.			SOUTH BEND LS.
					Kitaki Ls. Mbr.			
		Gretna Shale Member						
		Little Kaw Limestone Member						
	LANSING GROUP	STANTON LS.	South Bend Ls. Mbr.	ROCK LAKE SHALE		STANTON LS.		
			Rock Lake Sh. Mbr.					
			Stoner Ls. Mbr.	3 beds	Stoner Limestone Member			
			Eudora Shale Mbr.	Eudora Shale Member				
			Captain Ck. Ls. Mbr.	2 beds	Captain Creek Limestone Member			
			VILAS SHALE		VILAS SHALE			
		PLATTSBURG LS.	Spring Hill Ls. Mbr.	Spring Hill Limestone Member		PLATTSBURG LS.		
			Hickory Ck. Sh. Mbr.	Hickory Creek Shale Member				
			Merriam Ls. Mbr.	Merriam Limestone Member				
			ZARAH SUBGRP.	BONNER SPRINGS SHALE	Bonner Springs Shale Member		LANE SHALE	
WYANDOTTE LS.	Farley Ls. Mbr.			↳ Farley Limestone Member ↳				
	Island Ck. Sh. Mbr.			Island Creek Shale Member				
	Argentine Ls. Mbr.			Argentine Limestone Member				
	Quindaro Sh. Mbr.			Quindaro Shale Member				
	Frisbie Ls. Mbr.			Frisbie Limestone Member				
LANE SHALE				LIBERTY MEMORIAL SHALE				
IOLA LS.	Raytown Ls. Mbr.			Raytown Limestone Member		IOLA LS		
	Muncie Ck. Sh. Mbr.			Muncie Creek Shale Member				
	Paola Ls. Member			Paola Limestone Member				
CHANUTE SHALE	Cottage Grove Ss. M.	Cottage Grove ss. bed		CHANUTE SHALE				
	Noxie Ss. Member	Thayer coal bed Noxie ss. bed						
DRUM LS.	Corbin City Ls. M.	Cement City Limestone Member		DEWEY LS.				
	Dewey Ls. M.	Quivira Shale Member						
	LINN SUBGROUP	CHERRYVALE SHALE	Quivira Sh. Member	NELLIE BLY FORMATION		CHERRYVALE FM.		
			Westerville Ls. Mbr.	Drum Ls. Member	Westerville Ls. Member			
			Wea Shale Member	Middle Flaggy Ls. member	Wea Shale Member			
			Block Ls. Member	Block Limestone Member				
			Fontana Sh. Member	Fontana Shale Member				
		DENNIS LS.	Winterset Ls. Mbr.	Winterset Limestone Member		DENNIS LS.		
			Stark Shale Member	Stark Shale Member				
			Canville Ls. Mbr.	Canville Limestone Member				
		GALESBURG SH. — Dodds Ck. Ss. M. —		Cedar Bluff coal bed				
			BRONSON SUBGROUP	SWOPE LS.	Bethany Falls Limestone Member	MOUND VALLEY LS.		SWOPE LS.
LADORE SHALE					ELM BRANCH SHALE			
Hushpuckney Sh. M.	Bethany Falls Limestone Member					Hushpuckney Shale Member		
Middle Creek Ls. M.	Middle Creek Limestone Member							
LADORE SHALE								
HERTHA LS.	Sniabar Ls. Member			Sniabar Limestone Member		HERTHA LS.		
	Mound City Shale Member			Mound City Shale Member				
	Critzler Ls. Member			Guthrie Mtn. Shale Member				
TACKET FORMATION				Critzler Limestone Member	SHAILE HILL FM.			
				Mantey Shale Member				
			Exline Limestone Member					
PLEASANTON GP.	CHECKERBOARD LIMESTONE		Chkbrd. South Mound Sh. Mbr.	HEPLER FORMATION				
	SEMINOLE FORMATION	South Mound Sh. M.	"Hepler" coal bed					
	Hepler Sandstone M.							
DESM. STAGE	MARMA-TON GP.		Glenpool ls. bed	↳ Cooper Ck. Ls. Mbr.	LOST BRANCH FM.			
			↳ Nuyaka Creek black shale bed ↳					
			↳ Sni Mills Ls. Member ↳					