

SYSTEM	SERIES	POWDER RIVER BASIN	SOUTH-CENTRAL MONTANA	WESTERN SOUTH DAKOTA	WILLISTON BASIN	CENTRAL MONTANA TROUGH	NORTH-CENTRAL MONTANA
JURASSIC	MIDDLE JURASSIC	Piper Formation	Piper Formation	Gypsum Spring Formation	Piper Formation	Piper Formation	Piper Formation
TRIASSIC			Chugwater Formation			Chugwater Formation	
PERMIAN	UPPER PERMIAN	Goose Egg Formation		Spearfish Formation	Spearfish Formation		
	LOWER PERMIAN			Minnekahta Limestone	Minnekahta Limestone		
PENNSYLVANIAN	UPPER PENNSYLVANIAN						
	MIDDLE PENNSYLVANIAN	Tensleep Sandstone	Tensleep Sandstone	Minnelusa Formation	Minnelusa Formation	Tensleep Sandstone	
	LOWER PENNSYLVANIAN	Amsden Formation	Amsden Formation		Amsden Group (upper part) Tyler Formation	Amsden Group (upper part) Tyler Formation of Amsden Group	
MISSISSIPPIAN	UPPER MISSISSIPPIAN				Big Snowy Group Heath Formation Otter Formation Kibbey Formation	Big Snowy Group Heath Formation Otter Formation Kibbey Formation	
	LOWER MISSISSIPPIAN	Madison Limestone	Madison Group Charles Formation Mission Canyon Limestone Lodgepole Limestone	Madison Limestone or Pahasapa Limestone	Madison Group Charles Formation Mission Canyon Limestone Lodgepole Limestone	Madison Group Charles Formation Mission Canyon Limestone Lodgepole Limestone	Madison Group Mission Canyon Limestone Lodgepole Limestone
DEVONIAN	UPPER DEVONIAN	Three Forks Formation	Three Forks Formation	Englewood Formation	Bakken Formation	Bakken Formation	Bakken Formation
		Jefferson Formation	Jefferson Formation		Three Forks Formation	Three Forks Formation	Three Forks Formation
	MIDDLE DEVONIAN				Birdbear Formation	Jefferson Formation	Birdbear Formation
	LOWER DEVONIAN				Duperow Formation		Duperow Formation
SILURIAN	UPPER SILURIAN				Souris River Formation		Souris River Formation
	MIDDLE SILURIAN				Dawson Bay Formation		
	LOWER SILURIAN	Interlake Formation			Prairie Formation		
ORDOVICIAN	UPPER ORDOVICIAN	Bighorn Dolomite	Bighorn Dolomite	Red River Formation or Whitewood Dolomite	Stony Mountain Formation	Red River Formation	Red River Formation
	MIDDLE ORDOVICIAN	Winnipeg Formation		Winnipeg Formation	Winnipeg Formation	Winnipeg Formation	Winnipeg Formation
	LOWER ORDOVICIAN						
CAMBRIAN	UPPER CAMBRIAN	Snowy Range Formation or Gallatin and Gros Ventre Formations or equivalents	Snowy Range Formation or Gallatin and Gros Ventre Formations or equivalents	Deadwood Formation	Deadwood Formation	Emerson Formation	Emerson Formation
	MIDDLE CAMBRIAN	Flathead Sandstone	Flathead Sandstone			Flathead Sandstone	Flathead Sandstone
	LOWER CAMBRIAN						
PRECAMBRIAN							

PLATE 1-- GENERALIZED CORRELATION CHART OF PALEOZOIC ROCKS IN PARTS OF MONTANA, NORTH DAKOTA, SOUTH DAKOTA, AND WYOMING.