Reference	Site	Taphofacies	Lithology	Paleontology	Weathering	Transport Groups	Allosaurus	Ceratosaurus	Torvosaurus	Small Theropod	Camarosaurus
			coarse grained sand-	articulated partial							
			conglomerate, trough	skeletons, associated							
Kinkland 2000		Channel conditions	cross-bedding, fining	by largegly				X			
Kirkland, 2006	FPA	Channel sandstone	upward sequences	disarticulated				X			
			with mud and								
			carbonate clasts,	Mass accumulations,							
Dodson, 1980	Bone Cabin Quarry	Channel sandstone	common, poorly to	mostly disarticulated			Х			Х	Х
			fine to coarse sand								
			with mud and								
			carbonate clasts,	Mass accumulations,							
Dodson, 1980	Quarry 13	Channel sandstone	common, poorly to	mostly disarticulated						X	X
			with mud and	Mass accumulation		I - 17· II - 30· III - 60·					
			carbonate clasts,	mixed high to low		scrap -37 (Layton					
Dodson, 1980	Dinosaur NM	Channel sandstone	common, poorly to	articulation	0-1 (Fiorillo, 1994)	(1977)	Х	Х			Х
			fine to coarse sand								
			with mud and	Mass accumulation,		I - 1205, II - 712, III -					
		-	carbonate clasts,	mixed high to low		279 (Richmond and					
Richmond and Morriso	Dry Mesa	Channel sandstone	common, poorly to	articulation		Morrison)	X	Х	X	Х	X
			with mud and								
			carbonate clasts,	Mass accumulation,							
Evanoff and Carpenter,	, Felch Quarry 1	Channel sandstone	common, poorly to	mostly disarticulated			Х	Х		Х	Х
			mud dominated are								
			superficially similar to								
			floodplain except								
			thicker and preserve	Uncommon trace							
Kirkland. 2006	FPA	Levee/Crevasse Splav	internal bedding	fossils, trackway							
		, , ,	scattered small dark	, ,							
			chert pebbles, lack of	Dominantly							
Kirkland, 2006	FPA-Main Callison Qua	Levee/Crevasse Splay	sedimentary	microfossils						Х	
D (000			lenticular, fine	Mass accumulation,							
Dodson, 1980	Howe Quarry	Levee/Crevasse Splay	grained, gray,	mostly disarticulated			Х				X
			lenses of drah								
			vellowish or pale								
			brownish fine grained,								
			poorly cemented	plant fossils, snails							
			mudstone, fine	and clams, fish,							
			grained sandstone	variable amounts of							
	504		crevasse splays may	dinosaur bone and							
Kirkland, 2006	FPA	Pond/Marsh	be present, limestone	theropod teeth							
			calcium carbonate								
			disseminated or in								
			zones, gray-green,								
			yellow-gray, gray-								
			brown, dark brown,	Isolated partial							
Dodson, 1980	9 Mile	Pond/Marsh	lack macrobedding,	skeletons							
			clay with variable slit,								
			disseminated or in								
			zones, gray-green,								
			yellow-gray, gray-								
			grow, dark brown,								
Dodson, 1980	Morrison	Pond/Marsh	lack macrobedding,	Isolated skeleton			Х				Х
			lenses of drab,								
			yellowish or pale								
			poorly cemented								
			mudstone. fine								
			grained sandstone								
			crevasse splays may			neither 1 or 3					
Kirkland and Armstron	Mygatt-Moore	Pond/Marsh	be present, limestone	Mass accumulation	0-5	dominant	Х				Х
			3m of finely-lamined	Small vortabratos ara							
			with minute flakes or	most abundant							
Kirkland, 2006	FPA	Alkaline Pond	biotite, non-	theropod teeth							
, <u></u>			-	•							
			silt and clay,	Mass accumulation,	mostly 0, 4% 1-2	1 - 42%, II - 5%, III -					
Dodson, 1980	Cleveland Lloyd	Fresh Water Lake	mudcracks abundant	mostly disarticulated	(Gates, 2005)	7%	Х	Х		Х	Х
			caicareous siltstone,	Mass accumulation							
Esker	Aaron Scott Quarry	Fluviolacustrine margin	r abundant, no internal	mostly disarticulated			х			х	х
	a second quarty			,							

hosaurus	Brachvosaurus
nosaurus	Diacity03auru.

Groups	Allosaurus	Ceratosaurus	Torvosaurus	Small Theropod	Camarosaurus	Apatosaurus	Barasaurus	Diplodocus	Haplocathosaurus	Brachyosaurus	Муто	Stegosaurus	Dryosaurus	Heterodontosaurus
		х				Х						х	Х	
	х			x	х	х		х				x	х	
				х	х							х		
30; III - 60; (Layton														
	Х	Х			Х	Х	Х	Х				Х		

x x x

X X X

x x x x x x

x x x x

x x x x x x x

Allosaurus	Ceratosaurus	Torvosaurus	Small Theropod	Camarosaurus	Apatosaurus	Barasaurus	Diplodocus	Haplocathosaurus	Brachyosaurus	Муто	Stegosaurus	Dryosaurus	Heterodontosaurus	Camptosaurus	Pterosaurus	Crocodiles	Turtle	Frogs	Fish	Lizards	Sphenodont	Mammals	Snails	U
	Х				Х						X	Х				x	Х							х
Х			x	х	Х		х				x	х		х		Х	x							
			x	Х							x			X		x	X							
); X	Х			Х	Х	Х	x				x			X		х	X							
- J X	х	х	х	х	х	х	х				Х	Х		х	х	х	х		x			Х		
х	Х		x	Х	Х		x	Х	х		x					х	X		х			Х		
																x								х
			Х										х		Х	х	х	х	х	х	Х	Х		

X

Fish	Lizards	Sphenodont	Mammals	Snails	Unionids
					x
					~
v			×.		

x x x x