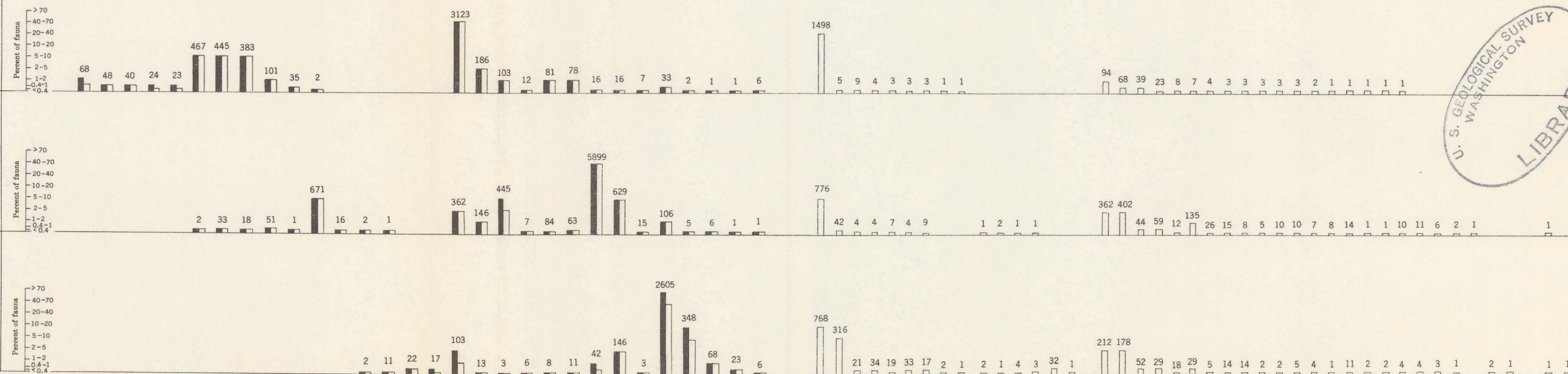


Conodont faunal zone	Number of collections used in compilation	Total number of specimens of species in collections from zone that have not been recognized in pre-Chappel rocks of Llano region	Total number of specimens in collections from zone	SPECIES NOT FOUND IN PRE-CHAPPEL ROCKS OF LLANO REGION				SPECIES FOUND IN PRE-CHAPPEL ROCKS OF LLANO REGION					
				Illustrated on Plate	Figure	MISSISSIPPIAN		DEVONIAN		ORDOVICIAN			
						Species	Figure	Species	Figure				
<i>Bactrognathus communis</i>	26	5301	7093	46	12, 13, 21	<i>Starognathus anchorata</i> Hass	49	9-11, 13	<i>Polygnathus communis</i> Branson and Mehl	50	9	<i>Panderodella glabra</i> (Ulrich and Bassler)	7
				46	1, 2, 8	<i>Neopronotodus lanceolatus</i> Hass	49	1-8, 12	<i>Elicognathus lacerta</i> (Branson and Mehl)	50	14	<i>Palmatolepis</i> and <i>Panderodella</i> spp. and fragments	
				46	18, 19	<i>Scaliognathus anchorata</i> Branson and Mehl	49	28	<i>Siphonodella quadruplicata</i> (Branson and Mehl)	50	10	<i>Palmatolepis perlobata</i> Ulrich and Bassler	
				46	28, 32	<i>Doliognathus exarvata</i> Branson and Mehl	49	22	<i>Polygnathus inornata</i> E. R. Branson	50	8	<i>Panderodella distorta</i> (Branson and Mehl)	
				46	24	<i>Starognathus cruciformis</i> Branson and Mehl	49	14	<i>Pseudopolygnathus asymmetrica</i> Cooper	50	1	<i>Ancyrodella</i> spp.	
				46	20, 25-27, 30, 31	<i>Bactrognathus communis</i> Hass	49	27	<i>Pseudopolygnathus prima</i> Branson and Mehl	50	12	<i>Palmatolepis subperlobata</i> Branson and Mehl	
				46	22, 23, 29	<i>Bactrognathus penekamata</i> Hass	49	27	<i>Pseudopolygnathus prima</i> Branson and Mehl	50	12	<i>Panderodella gracilis</i> (Branson and Mehl)	
				47	19-26	<i>Pseudopolygnathus lanceolata</i> Hass	49	17, 18, 25	<i>Siphonodella duplicata</i> (Branson and Mehl)	50	11	<i>Ancyrogathus bifurcata</i> (Ulrich and Bassler)	
				47	3	<i>Neopronotodus otipus</i> (Cooper)	49	28	<i>Siphonodella lobata</i> (Branson and Mehl)	50	18	<i>Polygnathus (vinguiformis) Hinde</i>	
				46	11	<i>Rondaja</i> sp. B	49	16, 23	<i>Siphonodella septicata</i> (Branson and Mehl)	50	18	<i>Polyphodonta confusus</i> (Ulrich and Bassler)	
				47	8, 9	<i>Polygnathus communis</i> Branson and Mehl var. <i>carinata</i> Hass	49	21	<i>Dinoctus fragosus</i> (E. R. Branson)	50	20	<i>Palmatolepis unicornis</i> Miller and Youngquist	
				47	7, 10	<i>Dolymys sagittata</i> Hass	49	24	<i>Elicognathus biolata</i> (Branson and Mehl)	50	19	<i>Polygnathus pennata</i> Hinde	
				48	11, 12	<i>Polygnathus communis</i> Branson and Mehl var. <i>bifurcata</i> Hass	49	15	<i>Spathognathodus acedentatus</i> (E. R. Branson)	50	17	<i>Palmatolepis rugosa</i> Branson and Mehl	
				48	23, 24	<i>Nidognathus spicata</i> Cooper	49	15, 19, 20	<i>Pseudopolygnathus</i> spp.	50	3	<i>Braunmehla inornata</i> (Branson and Mehl)	
				48	16, 20	<i>Spathognathodus cooperi</i> Hass	49	17	<i>Falcoodus</i> sp.	50	2	<i>Ieriodus</i> sp.	
				48	9, 13, 14	<i>Spathognathodus longus</i> Hass	49	25, 29	<i>Pinacognathus profunda</i> (Branson and Mehl)	50	15	<i>Spathognathodus jugosus</i> (Branson and Mehl)	
				46	3-7, 1-5, 8	<i>Gnathodus delicatus</i> Branson and Mehl	49	9		50	68	<i>Ancyrogathus euglypheus</i> Stauffer	
				46	14-17	<i>Ligonodina singularis</i> Hass	49	10		50	39	<i>Palmatolepis subrecta</i> Miller and Youngquist	
				47	4, 5	<i>Oarkodina</i> sp. A	49	11		50	23	<i>Neopronotodus mutabilis</i> (Branson and Mehl)	
				48	19, 22	<i>Neopronotodus insolitus</i> Hass	49	18		50	8	<i>Panderodella quadratinodosa</i> (Branson and Mehl)	
				48	18, 21, 26	<i>Hindeodella fragilis</i> Hass	49	17		50	7	<i>Braunmehla disparilis</i> (Branson and Mehl)	
				46	9, 10	<i>Rondaja</i> sp. A	49	18		50	1	<i>Polyphodonta</i> sp.	
				47	11-18	<i>Gnathodus punctatus</i> (Cooper)	49	19		50	1	<i>Ancyrogathus</i> sp.	
				47	1, 2	<i>Siphonodella obsoleta</i> Hass	49	20		50	1	<i>Ancyrogathus quadrata</i> Branson and Mehl	
				47	6	<i>Hindeodina inornata</i> Hass	49	21		50	1	<i>Drepanodus</i> sp.	
				48	35, 36	<i>Siphonodella cooperi</i> Hass	49	22		50	1	<i>Scolopodus</i> sp.	
				48	27, 28, 30-34	<i>Polygnathus allicata</i> (Cooper)	49	23		50	1		
				48	6, 7, 10	<i>Polygnathus radina</i> Cooper	49	24		50	1		
				48	17	<i>Hindeodina staplaria</i> Hass	49	25		50	1		
				48	25, 29	<i>Subbryantodus radiana</i> Branson and Mehl	49	26		50	1		



78 Figure at top of column indicates number of specimens of species in examined material of faunal zone. Solid column indicates relative abundance in each faunal zone of species not found in pre-Chappel rocks. Open column indicates relative abundance in each faunal zone of all species recognized in collections.

RELATIVE ABUNDANCE OF CONODONT SPECIES IN THE THREE FAUNAL ZONES OF THE CHAPPEL LIMESTONE

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

