

TABLE 1—Occurrence of conodonts by species, sample number, and stratigraphic units
[Figures indicate number of conodonts. X=present but not counted. ?=present but identification questionable]

Locality symbol	Ba-2										Ba-3			Ba-5	CI-2									
	Linden										Bethany Center			Pavilion	Taunton Gully									
Formation	Genesee					Moscow					Genesee													
	West River	Genundewa	Penn Yan	Genesee	Leicester	Windom	Genundewa	Penn Yan	Genundewa	Penn Yan	Genundewa	Penn Yan	Genundewa	Penn Yan	Leicester									
Member or bed	20.5-21.1	2.7-3.0	0.0-.9	*6.4-6.6	*7.2-7.5	0.0-.15	0.0-.2	*0.0-.25	1.1-1.6	1.2-1.3	0.4-1.0	0.0-.4	*6.1-6.4	10.4-11.0	0.0-.9	61.3-61.5	59.7-60.0	54.0-54.3	49.1-49.3	6.0-6.3	6.0-6.05	5.5-5.55	0.0-.35	
Distance in feet above base of unit or below top of unit (as indicated by *)																								
Thickness of member or bed (in ft.)	34		0.9	30.5		1.2	0.2	5 exposed		1.3		7.0 exposed	20±	0.9		25.5				8.5	24.0		0.35	
USGS Silurian-Devonian Catalog No.	9063	8969	4558	4559	4873	4874	4869	4870	4579	4595	8970	4596	4597	4587	4586	4585	4591	4592	4584	4583	4582	8967	4589	
Platform and blade elements																								
<i>Ancyrodella rotundiloba rotundiloba</i> (Bryant)			5	2	3					4	75	10	3		50	7	1	2	4					
<i>A. rotundiloba alata</i> Glenister and Klapper	8	2	1							58	43													
<i>A. sp.</i>	2																							
<i>Ieriodus latericrescens latericrescens</i> Branson and Mehl								48			2			3										
<i>I. nodosus nodosus</i> (Huddle)	1		1	1	3		44			1	80	2			190	1?		16	9?		18	215	16?	
<i>Palmatolepis? disparalvea</i> Orr and Klapper							2				1													
<i>Polygnathus alatus</i> Huddle					2						14				2			7	3					
<i>P. asymmetricus asymmetricus</i> Bischoff and Ziegler	5																							
<i>P. asymmetricus ovalis</i> Ziegler and Klapper										1	10													
<i>P. asymmetricus unilabius</i> n. subsp.	5																							
<i>P.? caelatus</i> Bryant								18												1	1	10		
<i>P. collieri</i> n. sp.											8													
<i>P. cristatus</i> Hinde															1									
<i>P. decorosus</i> Stauffer														6										
<i>P. dengleri</i> Bischoff and Ziegler										6	33				5			3	1					
<i>P. dubius dubius</i> Hinde	2		23	1	8	4	40			97	280	18			270	18.	3	28	10		50	605	28	
<i>P. dubius frons?</i> n. subsp.														2							4			
<i>P. linguiformis linguiformis</i> Hinde form gamma of Bultynck							65	1000	290		53				33						1	5	12	
<i>P. linguiformis linguiformis</i> Hinde form delta, n. form							2		1															
<i>P. ordinatus</i> Bryant					8					22	150	14									2	24		
<i>P. pennatus</i> Hinde			11	12	7					12		8			160	17	3	23	12	4	1			
<i>P. peracutus</i> Bryant							2															1		
<i>P. rhenanus marijae</i> n. subsp.								34	58															
<i>P. aff. P. trigonicus</i> Bischoff and Ziegler									1															
<i>P. tuberculatus</i> Hinde								36	2															
<i>P. sp.</i>											1													
<i>Spathognathodus</i> sp.												6												
Ozarkodinan elements																								
<i>Bryantodus? aversus</i> (Stauffer)																							6	
<i>B. aff. B. biculminatus</i> Bischoff and Ziegler																				1	1	4		
<i>B. colligatus</i> (Bryant)	2								6	3	38	1			1									
<i>B. nitidus</i> Ulrich and Bassler											1													
<i>B. retusus</i> (Bryant)	2				4		1		36	18	23	7		1	86	8	4	5	7	1		3		
<i>B. tortus</i> (Branson and Mehl)					1										1									
<i>B. sp.</i>								28																
<i>Ozarkodina macra</i> Branson and Mehl	10		1	2					13		8				16			2						
<i>Nothognathella ziegleri</i> (Clark and Ethington)	1																							
Neoprioniodontan elements																								
<i>Neoprioniodus alatus</i> (Hinde)					2			18	3	3	2	2			10									
<i>N. armatus</i> (Hinde)										1	2				1						1	2		
<i>Enantiognathus lipperti</i> (Bischoff)															10			2						
<i>Synprioniodina alternata</i> Bassler	1										5					1							4	
<i>S. prona</i> Huddle								1	4		2	1			18								2	
<i>S. sp.</i>															3									
Hindeodellan elements																								
<i>Angulodus demissus</i> Huddle					1				4		3	4			11						1	2		
<i>Hindeodella alternata</i> Ulrich and Bassler	13			2														1						
<i>H. angulus</i> Huddle											4				31	6		2	1				4	
<i>H. elongata</i> Huddle											3				3	1								
<i>H. subtilis</i> Bassler															8	1		3	3			10	5	
<i>H. sp.</i>								4	12	1	7				7									
<i>Hibbardella angulata</i> (Hinde)															8			2				6	4	
<i>H. subequalis</i> Ulrich and Bassler																	2	3						
<i>H. sp.</i>				1					3	2	2						5				3		1	
<i>Diplododella confertissima</i> (Ulrich and Bassler)									1						3								1	
<i>Trichonodella blanda</i> (Stauffer)										4	1				1			1			3		4	
Ligonodinan elements																								
<i>Ligonodina magnidens</i> Ulrich and Bassler	4																							
<i>L. panderi</i> (Hinde)	1		2				4		5	13	13		1		21	1		10	3		3	12		
<i>L. spicata</i> (Hinde)															3								1	
Lonchodinan elements																								
<i>Lonchodina clavata</i> (Hinde)			1								2							1					2	
<i>L. perlonga</i> Ulrich and Bassler															2									
<i>L. subsymmetrica</i> Ulrich and Bassler															17	1		1					4	
<i>L. typicalis</i> Ulrich and Bassler															3						3			
<i>Prioniodina dialata</i> (Bryant)										1	7					1		1					3	
<i>P. compressa</i> Branson and Mehl																							2	
<i>P. transitans</i> (Ulrich and Bassler)											2													

¹Leicester Marcasite Member of Moscow Formation of Sutton (1951).