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	Cd–7											Nap–4							Nap–5			Cd–12		Near Ph–1		Ph–1	Ph–6	Ph–5
Locality name	Menteth Gully											Genundewa Point							Corey Gully			Gage Gully		Voorhys Gully		Washburn Cem.	Babbitt Corner	Shuman Cem.
Formation	Genundewa	Genesee					Genesee				Leicester[1]	Genesee							Genesee			Genesee		Tully		Genesee	Tully	Genesee
Member or bed		Penn Yan					Geneseo					Genundewa		Penn Yan					Genundewa			Geneseo	Leicester[1]	Lower[2]		Genundewa	Lower[2]	Genundewa
Distance (ft) above base of unit or below top of unit (as indicated by *)	*0.0–.2	72.3–72.5	65.8–66.0	45.8–46.0	45.8–46.0	16.0–16.6	33.0–34.0	26.0–26.5	0.1–0.2	0.0–1.3	0.0–.03	*0.6–.8	*1.3–1.7	*1.7–2.2	*6.9–7.3	*9.7–10.0	*10.9–11.1	*23.–24	*0.02–.05	*1.1–1.4	*1.9–2.2	*0.5–1.0	0.0–.5	0.0–.6	2.3–2.5	0.0–.4	0.0–.4	0.0–3.2	0.0–.3
Thickness of member or bed (ft)	1.7	80.3					44.0				0.03	1.8		35.5					4.1 exposed				0.5	0.6	2.5		0.4	3.2	0.3
USGS Silurian-Devonian catalog No.	3950	3949	3959	3964	6709	6697	6699	6703	39553	67043	6705	3952	3958	6718	6715	6731	6716	6719	6724	6725	6726	8960	6732	6733	6730	6720	6737	6734	6736
Platform and blade elements																													
Ancyrodella rotundiloba rotundiloba (Bryant)	5	17	2		1	8								21	23	5	7	8	1	2	4						12		6
A. rotundiloba alata Glenister and Klapper	22		2									60	138	44					2	18	20						1		
A. rugosa Branson and Mehl													6																
Icriodus eslaensis Adrichem Boogaert																							6	247	2	20		2	
I. nodosus nodosus (Huddle)	45	87	2	3	4	1		15	10		28	42	15	83	16	1			16	63	9	11					6	5	50
Polygnathus alatus Huddle				2											1									1					
P. alveoliposticus Orr and Klapper																								12				2	
P.? caelatus Bryant																						3		15					
P. cristatus Hinde																						3?							
P. dengleri Bischoff and Ziegler	7	2		1	2?	1						9	8	31	2		1		3	2	1						2		3
P. dubius dubius Hinde	45	72	34	6		10	1	12	20?	7	34	74	145	213	44	6	7	1	22	42	25	30					11		29
P. dubius frons n. subsp.																							70						
P. linguiformis linguiformis Hinde form gamma of Bultynck		1							8	8	9												46	403	12	62		14	
P. linguiformis linguiformis Hinde form delta, n. form										1														135	1	5		4	
P. ordinatus Bryant		1																											
P. pennatus Hinde	28	48	2	7	5	16						17	19	36	35	5	4	6	5	11	2	5					6		
P. peracutus Bryant							1			7?												3							
P. rhenanus marijae n. subsp.																								9					
P. aff. *P. trigonicus* Bischoff and Ziegler																								1					
P. sp.									20	40	1																		
P. "*V*" n. sp.																								3	4				
Ozarkodinan elements																													
Bryantodus? aversus (Stauffer)													1									3		22					
B. aff. *B. biculminatus* Bischoff and Ziegler														8										1					
B. colligatus (Bryant)	5			3					2	2		4	2	5		1		1	5			1					4		3
B. retusus (Bryant)	4	19	9	3	4	3				4		11	54	50	18	4	7	3	3	10	18	9	1	6			4		10
B. tortus (Branson and Mehl)			2									1	3	9						2			4				1		3
Ozarkodina lata Bischoff and Ziegler																								22	1				
O. macra Branson and Mehl									10	3		1	3	8			2		2	1	3					1	4		10
O. sp.								11																4					
Neoprioniodontan elements																													
Neoprioniodus alatus (Hinde)		7			2	2		1		4		2	6	10	2		2	2	2	1		2		20	1		3		
N. armatus (Hinde)													6	7	3		2	2	1	1									
Enantiognathus lipperti (Bischoff)		2											7	12			1	1									3		
E.? guntharii (Ziegler)														2?															
Synprioniodina alternata Bassler												4		8													1		
S. prona Huddle		2	4	2		1			3	1				4	2						2						2		
Hindeodellan elements																													
Angulodus demissus Huddle		2	4									2	1	10	4	3						1					5		2
Hindeodella alternata Ulrich and Bassler	2											8	12																
H. angulus Huddle	1	12	6		2	2				2		2		18	4	2	1					2	1				7		7
H. compressa Huddle									13	2																			
H. elongata Huddle					3				2	2				3															
H. subtilis Bassler	3	2						3		40			1		2									8			1		1
H. sp.									4															5					
Hibbardella angulata (Hinde)	1	1	1									3	5	3	3		2	2									3		
H. subequalis Ulrich and Bassler	1	1	5									2	3	11										3					
H. sp.										1											2	1	1	4			3		
Diplododella confertissima (Ulrich and Bassler)		1	1										4	3															
Trichonodella blanda (Stauffer)		2												1	1	1													
Ligonodinan elements																													
Ligonodina panderi (Hinde)		17	2						93	6		17	14	9	4	1	2	2	1	1	5			10			10		4
L. spicata (Hinde)															4		2	2											
Lonchodinan elements																													
Lonchodina clavata (Hinde)	1													2															2
L. perlonga Ulrich and Bassler												2										1							
L. richteri Bischoff and Ziegler		2												6															3
L. subsymmetrica Ulrich and Bassler	2									3				1	3														
L. typicalis Ulrich and Bassler										2				3															
Prioniodina dialata (Bryant)	4	8								3		1	3	5	1					2		1					1		
P. compressa Branson and Mehl												1	3	5													2		1
P. macrodenta (Bryant)																								3					
Cones																													
Panderodus sp.																								1					

[1]Leicester Marcasite Member of Moscow Formation of Sutton (1951).
[2]Lower Member of Heckel (1973).
[3]Conodonts are in black shale.