

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	Gen-4		Gen-5								I-2				I-3		Dy-10			Tu-2					
Locality name	West of Taughannock		Taughannock Creek								Williams Brook				Coy Glen		Fall Creek			Tinkers Falls					
Formation			Genesee			Tully					Genesee										Tully				
Member or bed	Penn Yan		Penn Yan	Genesee			Upper ¹			Lower ¹	Marathon ²	Ithaca Williams Brook ²			Ithaca			Upper ¹			Lower ¹				
Distance (ft) above base of unit, or below top of unit (as indicated by *)	18.0-19.0	18.0-19.0	Float	4.8-4.9	3.3-4.0	1.3-2.3	14.3-14.9	13.5-13.9	6.9-7.5	0.0-0.5	3.3-3.7	11.5-11.7	8.0-8.3	1.5-2.0	6.0-8.0	0.0-1.0	165-165.1	?	Float	*1.7-2.0	*3.7-4.5	*4.2-4.6	1.0-2.0	0.0-0.4	
Thickness of member or bed (ft)	78		60	130			16±					447				413		13			18				
USGS Silurian-Devonian catalog No.	3951	6777	6781	6789	6771	6784	6782	6786	6788	6778	7623	7626	7625	7624	6792	6791	6793	6799	6798	8331	9068	9070	6803	9069	6802
Platform and blade elements																									
<i>Ancyrodella rotundiloba rotundiloba</i> (Bryant)																									
<i>A. rotundiloba alata</i> Glenister and Klapper																									
<i>A. rugosa</i> Branson and Mehl																									
<i>Icriodus eslaensis</i> Adrichem Boogaert																									
<i>I. latericrescens latericrescens</i> Branson and Mehl																									
<i>I. nodosus nodosus</i> (Huddle)																									
<i>I. sp.</i>																									
<i>Pandorinellina insita</i> (Stauffer)																									
<i>Polygnathus alatus</i> Huddle																									
<i>P. alveoliposticus</i> Orr and Klapper																									
<i>P. asymmetricus asymmetricus</i> Bischoff and Ziegler																									
<i>P. ? caelatus</i> Bryant																									
<i>P. collieri</i> n. sp.																									
<i>P. cristatus</i> Hinde																									
<i>P. decorosus</i> Stauffer																									
<i>P. dengleri</i> Bischoff and Ziegler																									
<i>P. dubius dubius</i> Hinde																									
<i>P. dubius frons</i> n. subsp.																									
<i>P. linguiformis linguiformis</i> Hinde form gamma of Bultynck																									
<i>P. linguiformis linguiformis</i> Hinde form delta, n. form																									
<i>P. pennatus</i> Hinde																									
<i>P. peracutus</i> Bryant																									
<i>P. aff. P. trigonicus</i> Bischoff and Ziegler																									
<i>Spathognathodus semialternans</i> Wirth																									
Ozarkodinian elements																									
<i>Bryantodus? aversus</i> (Stauffer)																									
<i>B. colligatus</i> (Bryant)																									
<i>B. retusus</i> (Bryant)																									
<i>B. sp.</i>																									
<i>Ozarkodina lata</i> Bischoff and Ziegler																									
<i>O. sp.</i>																									
Neoprioniodontan elements																									
<i>Neoprioniodus alatus</i> (Hinde)																									
<i>N. armatus</i> (Hinde)																									
<i>Synprioniodina</i> sp.																									
Hindeodellan elements																									
<i>Hindeodella</i> sp.																									
<i>Hibbardella angulata</i> (Hinde)																									
<i>H. sp.</i>																									
<i>Diplododella</i> sp.																									
<i>Trichonodella blanda</i> (Stauffer)																									
Ligonodinian elements																									
<i>Ligonodina panderi</i> (Hinde)																									
Lonchodinian elements																									
<i>Lonchodina subsymmetrica</i> Ulrich and Bassler																									
<i>Prioniodina dialata</i> (Bryant)																									
<i>P. macrodenta</i> (Bryant)																									

¹Upper and Lower Members of Heckel (1973).

²Marathon Sandstone Member and Williams Brook Coquinite Member of Ithaca facies of Caster (1933).