

Klapper et al 1996 - Timan - composite standard

Taxa	CS base	CS top
1 <i>Ancyrodella africana</i>	99.1	103.6
2 <i>A. africana</i> (tr. w. <i>A. gigas</i>)	100.1	101.6
3 <i>A. alata</i> s.s.	98.2	100.4
4 <i>A. curvata</i> (early form)	101.6	119.8
5 <i>A. curvata</i> (late form)	107.9	131.6
6 <i>A. gigas</i> (form 1)	100.5	108.3
7 <i>A. gigas</i> (form 2)	102.5	103.5
8 <i>A. nodosa</i>	107.6	131.3
9 <i>A. nodosa</i> (tr. w. <i>A. ioides</i>)	113.1	130.9
10 <i>A. rugosa</i>	98.4	100.3
11 <i>Ancyrognathus amana</i>	121.5	130.6
12 <i>A. amplicavus</i>	103.8	107.9
13 <i>A. ancyrognathoideus</i>	101.6	104.8
14 <i>A. coeni</i>	105.2	112.7
15 <i>A. n. sp.</i>	129.9	130.9
16 <i>A. primus</i>	102	105.4
17 <i>Icriodus alternatus</i>	109.4	148.3
18 <i>I. subterminus</i>	96.5	128.8
19 <i>I. symmetricus</i>	97.5	125.1
20 <i>Mehlina gradata</i>	96.6	129.4
21 <i>Mesotaxis asymmetrica</i>	96.6	103.6
22 <i>M. bogoslovskyi</i>	99.3	100.4
23 <i>M. johnsoni</i>	101	103.9
24 <i>M. ovalis</i>	98.7	103.1
25 <i>Ozarkodina bidentatiformis</i>	102.5	105.4
26 <i>O. nonaginta</i>	103.8	106.9
27 <i>O. trepta</i>	102.5	106.3
28 <i>Palmatolepis amplificata</i>	108.8	112.5
29 <i>P. (rotunda) bogartensis</i>	125	131
30 <i>P. cf. P. bogartensis</i>		130.9
31 <i>P. bohémica</i>	102.5	105.4
32 <i>P. boogaardi</i>	129.6	131.3
33 <i>P. cf. P. boogaardi</i>	124.4	125.1

34 <i>P. brevis</i>	110.3	111.5
35 <i>P. plana</i> (<i>domanicensis</i>)	107.9	112.5
36 <i>P. domanic</i> (tr. w. <i>P. foliacea</i>)	111	112.2
37 <i>P. ederi</i>	109	111.9
38 <i>P. foliacea</i>	121.4	125.1
39 <i>P. gyrate</i>	121.5	123.4
40 <i>P. juntianensis</i>	126.4	130.9
41 <i>P. kireevae</i>	106.2	122.2
42 <i>P. kushnarevae</i>	103.5	107.9
43 <i>P. linguiformis</i>	130.9	131.3
44 <i>P. (simpla) ljaschenkoae</i>	107.3	112.5
45 <i>P. luscarensis</i>	107.9	111.5
46 <i>P. mucronata</i>	107.8	112.5
47 <i>P. muelleri</i>	112.1	123.4
48 <i>P. n. sp. C</i>	110.1	110.3
49 <i>P. n. sp. H</i>	107.6	
50 <i>P. orbicularis</i>	105	110.9
51 <i>P. ormistoni</i>	107.9	119.3
52 <i>P. proversa</i>	107.5	111.5
53 <i>P. aff. P. proversa</i>	105.2	107.3
54 <i>P. punctata</i>	100.8	108.1
55 <i>P. rhenana</i>	124.3	130.9
56 <i>P. semichatovae</i>	110.1	119.5
57 <i>P. spinata</i>	102.8	107.8
58 <i>P. sp. A of O. and K.</i>	103.5	
59 <i>P. timanensis</i>	111.9	112.1
60 <i>P. transitans</i>	99	103.3
61 <i>P. triangularis</i>	131.4	141
62 <i>P. (subrecta) winchelli</i>	120.4	131.3
63 <i>Pelekvsognathus planus</i>	103.8	147.9
64 <i>P. planus</i> (tr. w. <i>Icriodus</i> sp.)	111.8	112.2
65 <i>Playfordia primitiva</i>	98.4	100.3
66 <i>Polygnathus aequalis</i>	103.2	110.1
67 <i>P. aff. P. dengleri</i>	100.5	105.1
68 <i>P. alatus</i>	96.8	124.6

69 P. angustidiscus	96.5	124.6
70 P. brevilaminus	131.4	145.9
71 P. decorosus	108.3	131.3
72 P. elegantulus	103.2	103.5
73 P. komi	110.6	110.7
74 P. lodinensis	111.8	124.4
75 P. olgae	103.6	
76 P. politus	103.5	131.3
77 P. robustus	102.6	103.8
78 P. timanicus	101	103.8
79 P. uchtensis	103.3	
80 P. unicornis	110.1	129.4
81 P. vialovi	101.8	102.6
82 P. webbi	96.9	131
83 Ancyrodella ioides	120.4	121.1
84 Polygnathus samueli	120.5	122.2
complete		

Ziegler and Sandberg 1990

Benner	sample	m above base	lower	upper
	9	6.1		
	10	5.95		
	11	5.88	0.6	0.6
	12	5.76	2.34	5.95
	33	5.65	0.13	0.73
	32	5.54	0.38	5.41
	31	5.41		
	30	5.32		
	29	4.98		
	26	3.85		
25a		3.64		
	25	3.5		
	24	3.17		
	22	2.34		
	21	2.17		
	20	1.96	5.95	5.95
	19	1.43		
	18	0.86	0.13	1.43
	34	0.73		
	13	0.6	0.6	5.95
	60	0.48		
	59	0.38		
	58	0.25		
	57	0.13		

Ziegler and Sandberg 1

Schmidt	sample	
4	11	5.35
3	9	4.45
2	<9	4.25
1	7	3.71
27	6	3.39
26	5	3.23
25	4	3.07
24	2	2.26
	23	1.62
	22	0.65
	21	0.4

3.85 5.95

0.6	3.64
0.6	3.5

4.98	5.95
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5.41	5.65
0.38	4.98

0.13	2.34
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0.13	2.34
3.5	5.95
0.86	0.86

3.5	5.95
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3.85	5.65
0.13	5.65

0.25	0.25
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0.48	5.95
0.6	3.85

complete

1990

m above b: lower upper

Ziegler and Sandberg 1990

Devils Gate sample m above base lower

			7	142	
			7DC	119	
			7F	117	
0.65	5.35		7G	117	56
			7H	115	
			8	114	
0.4	5.35		8A	108	31
			8B	107	
			8C	106	
			9, 9-1	102	
			9A	94	
			9B	79	31
			10A	76	
			10	75	
			11	73	36
2.26	4.45		11A	72	
			12B	56	20
1.62	3.23		13	50	4
0.4	5.35		14	48	41
			15	41	4
			16	36	
			16C	31	
			17	26	
			18B	20	
			18C	19	
			19	18	
			19C	4	
3.07	5.35				94

		48
4.25	4.25	73
		75
3.71	5.35	102
5.35	5.35	114
		56
		48
2.26	5.35	36
0.4	0.4	79
3.07	5.35	94
4.45	5.35	102

			4
3.71	3.71		79
0.4	5.35		79

4.25	5.35		18
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0.4	5.35		18
1.62	1.62		79

complete

complete

upper

Table 1 sample m above base lower upper

79

41

41

117

48

79

60

61.8

79

94

41

49.4

117

20

45.1

51

117

55

56.5

43

43

56.5

58.1

79		45.1	51
107			
79		56.5	56.5
		56.5	56.5
107		56.5	56.5
		44.1	51
115		56.5	56.5
94		44.1	50
		44.5	44.5
		47.7	54.4
79		44.1	50
79			
79		48	49
		60	61.8
117		53.5	58.1
102			
		41	49.4

36

117

79

58.8

61.8

117

119

107

54.4

56.5

Zhang et al 2022 in prep - Lali

Table 2	sample	m above base	lower	upper
			19	19
			18	18
			0	2.5
			7	7
			48	49
			1	18.1
			2.5	4
			10	24.5
			40.7	47
			5.3	8
			41.5	47

8 20.8

18.1 39.4

37 43.7

39.4 47

14 19

45 47

7 24.5

5.3 8

10 20.8

5.3 16.8

37 47

18.1 19

5.3 6

49 49

26.4 47

0 6

24.5	47
48	48

0	47
26.4	47

Ji and Ziegler 1993 Lali

m above base	lower	upper
	19.7	22.6
	50.6	76.1
	32.5	32.5
	50.6	60.1
	35.1	35.1
	23.7	35.1
	78.5	78.5
	14.8	60.7
	19.7	22.6
	19.7	23.7
	71.2	80.2

47.4 58

76.1 78.5

55.1 58

76.1 78.5

74 80.2

55.1 68.5

43.4 62.9

23.7 52.5

66.1 76.1

81.4 81.4

66.1 80.2

12.1 32.5

81.4 81.4

20.5 35.1

12.1 80.2

74 78.5

complete