

MICROPLANKTON RANGE CHART
FOR HOWMANS-1 OTWAY BASIN.

ANALYSIS BY: Alan D. PARTRIDGE

18th SEPTEMBER 1994



Depth (m)	Location	Species	Abundance
1036.0	M SWC-30	CIRCULISPORITES PARVUS	
1072.0	M SWC-29	AMOSOPOLLIS CRUCIFORMIS	
1483.0	M SWC-28	MICRHYSTRIDIUM SP. A	
1558.0	M SWC-27	LECANIELLA SP.	
1632.0	M SWC-26	MICRHYSTRIDIUM SPP.	
1663.0	M SWC-25	TASMANITES SP.	
1807.0	M SWC-24	VERYHACHIUM SPP.	
1815.0	M SWC-23	LECANIELLA DICTYOTA	
1828.0	M SWC-22	SPINIFERITES FURCATUS/RAMOSUS	
1838.0	M SWC-21	CYCLONEPHELIUM EDWARDSII	
1847.0	M SWC-20	CRIBROPERIDINIUM DISTINCTUM	
1854.0	M SWC-19	ODONTOCHITINA COSTATA	
1860.0	M SWC-18	ODONTOCHITINA OPERCULATA	
1882.0	M SWC-15	OLIGOSPHAERIDIUM PULCHERRIMUM	
1887.5	M SWC-13	PALAEOPERIDINIUM CRETACEUM	
1904.0	M SWC-10	KIOKANSIUM POLYPES	
1907.0	M SWC-09	OLIGOSPHAERIDIUM COMPLEX	
1936.0	M SWC-07	CYCLONEPHELIUM COMPACTUM	
1997.0	M SWC-04	EXCHOSPHAERIDIUM PHRAGMITES SENSUS LATO	
2098.0	M SWC-01	PALAEOHYSTRICOPHORA INFUSORIOIDES	
		CIRCULISPORITES PARVUS	
		AMOSOPOLLIS CRUCIFORMIS	
		MICRHYSTRIDIUM SP. A	
		LECANIELLA SP.	
		MICRHYSTRIDIUM SPP.	
		TASMANITES SP.	
		VERYHACHIUM SPP.	
		LECANIELLA DICTYOTA	
		SPINIFERITES FURCATUS/RAMOSUS	
		CYCLONEPHELIUM EDWARDSII	
		CRIBROPERIDINIUM DISTINCTUM	
		ODONTOCHITINA COSTATA	
		ODONTOCHITINA OPERCULATA	
		OLIGOSPHAERIDIUM PULCHERRIMUM	
		PALAEOPERIDINIUM CRETACEUM	
		KIOKANSIUM POLYPES	
		OLIGOSPHAERIDIUM COMPLEX	
		CYCLONEPHELIUM COMPACTUM	
		EXCHOSPHAERIDIUM PHRAGMITES SENSUS LATO	
		PALAEOHYSTRICOPHORA INFUSORIOIDES	
		CIRCULISPORITES PARVUS	
		CIRCULODINIUM SP.	
		CIRCULODINIUM SP. (granulate)	
		CLEISTOSPHAERIDIUM ANCORIFERUM	
		CONOSPHAERIDIUM STRIATOCONUS	
		CORDOSPHAERIDIUM INODES	
		CRIBROPERIDINIUM COOKSONIAE	
		CRIBROPERIDINIUM EDWARDSII	
		CRIBROPERIDINIUM SP.	
		CYCLONEPHELIUM COMPACTUM	
		CYCLONEPHELIUM DISTINCTUM	
		CYCLONEPHELIUM VANNOPHORUM	
		CYMATIOSPHAERA SPP.	
		DEFLANDREA SP.	
		EXCHOSPHAERIDIUM PHRAGMITES SENSUS LATO	
		GILLINIA HYMENOPHORA	
		GLAPHROCYSTA SP.	
		HETEROSPHAERIDIUM CONJUNCTUM	
		HETEROSPHAERIDIUM EVANSII MS	
		HETEROSPHAERIDIUM HETERACANTHUM	
		HETEROSPHAERIDIUM SPP. (indet. specimens)	
		HYSTRICHODINIUM PULCHRUM	
		ISABELIDINIUM BELFASTENSE	
		ISABELIDINIUM ROTUNDATUM MS	
		ISABELIDINIUM SPP.	
		ISABELIDINIUM THOMASII	
		KIOKANSIUM POLYPES	
		LECANIELLA DICTYOTA	
		LECANIELLA SP.	
		MICRHYSTRIDIUM SP. A	
		MICRHYSTRIDIUM SPP.	
		NELSONIELLA ACERAS	
		NELSONIELLA TUBERCULATA	
		NUMMUS SP. CF N. MONOCULATUS	
		ODONTOCHITINA COSTATA	
		ODONTOCHITINA CRIBROPODA	
		ODONTOCHITINA OPERCULATA	
		ODONTOCHITINA PORIFERA	
		OLIGOSPHAERIDIUM COMPLEX	
		OLIGOSPHAERIDIUM PULCHERRIMUM	
		PALAEOHYSTRICOPHORA INFUSORIOIDES	
		PALAEOPERIDINIUM CRETACEUM	
		PARALECANIELLA INDENTATA	
		SPINIFERITES FURCATUS/RAMOSUS	
		TANYOSPHAERIDIUM SALPINK	
		TASMANITES SP.	
		TRICHODINIUM CASTANEA	
		TRICHODINIUM SP.	
		VALENSIELLA GRIPHUS	
		VERYHACHIUM SPP.	
		XENIKOON AUSTRALIS	
		XIPHOPHORIDIUM ALATUM	
		botryococcus	
		microforaminiferal inner liners	

Format: Relative Abundance: By Lowest Appearance

Key to Symbols

- M = MODERN CONTAMINATION
- D = DAVED CONTAMINATION
- W = REWORKED SPECIMEN(S)
- X = PRESENT
- I = SINGLE SPECIMEN
- R = RARE <1%
- F = FREQUENT >1% - <5%
- C = COMMON >5% - <20%
- A = ABUNDANT >20% - <50%
- H = VERY ABUNDANT >50%
- ? = Questionably Present
- . = Not Present

SPECIES LOCATION INDEX

Chart Column	Species
2	AMOSOPOLLIS CRUCIFORMIS
44	AMPHIDIADEMA DENTICULATA
25	APTEODINIUM SP.
42	CHATANGIELLA VICTORIENSIS
26	CHLAMYDOPHORELLA NYEI
1	CIRCULISPORITES PARVUS
45	CIRCULODINIUM SP.
39	CIRCULODINIUM SP. (granulate)
33	CLEISTOSPHAERIDIUM ANCORIFERUM
35	CONOSPHAERIDIUM STRIATOCONUS
54	CORDOSPHAERIDIUM INODES
27	CRIBROPERIDINIUM COOKSONIAE
10	CRIBROPERIDINIUM EDWARDSII
21	CRIBROPERIDINIUM SP.
18	CYCLONEPHELIUM COMPACTUM
11	CYCLONEPHELIUM DISTINCTUM
28	CYCLONEPHELIUM VANNOPHORUM
22	CYMATIOSPHAERA SPP.
55	DEFLANDREA SP.
19	EXCHOSPHAERIDIUM PHRAGMITES SENSUS LATO
36	GILLINIA HYMENOPHORA
56	GLAPHROCYSTA SP.
29	HETEROSPHAERIDIUM CONJUNCTUM
46	HETEROSPHAERIDIUM EVANSII MS
23	HETEROSPHAERIDIUM HETERACANTHUM
24	HETEROSPHAERIDIUM SPP. (indet. specimens)
34	HYSTRICHODINIUM PULCHRUM
43	ISABELIDINIUM BELFASTENSE
47	ISABELIDINIUM ROTUNDATUM MS
30	ISABELIDINIUM SPP.
48	ISABELIDINIUM THOMASII
16	KIOKANSIUM POLYPES
8	LECANIELLA DICTYOTA
4	LECANIELLA SP.
3	MICRHYSTRIDIUM SP. A
5	MICRHYSTRIDIUM SPP.
50	NELSONIELLA ACERAS
52	NELSONIELLA TUBERCULATA
31	NUMMUS SP. CF N. MONOCULATUS
12	ODONTOCHITINA COSTATA
40	ODONTOCHITINA CRIBROPODA
13	ODONTOCHITINA OPERCULATA
49	ODONTOCHITINA PORIFERA
17	OLIGOSPHAERIDIUM COMPLEX
14	OLIGOSPHAERIDIUM PULCHERRIMUM
20	PALAEOHYSTRICOPHORA INFUSORIOIDES
15	PALAEOPERIDINIUM CRETACEUM
57	PARALECANIELLA INDENTATA
9	SPINIFERITES FURCATUS/RAMOSUS
41	TANYOSPHAERIDIUM SALPINK
6	TASMANITES SP.
37	TRICHODINIUM CASTANEA
51	TRICHODINIUM SP.
32	VALENSIELLA GRIPHUS
7	VERYHACHIUM SPP.
53	XENIKOON AUSTRALIS
38	XIPHOPHORIDIUM ALATUM
59	botryococcus
58	microforaminiferal inner liners