PALYNOMORPH RANGE CHART FOR HALIBUT-2 GIPPSLAND BASIN.

ANALYSIS BY: Alan D. Partridge

28 APRIL 1994

Format: Relative Abundance By Lowest Appearance

Key to Symbols

D = CAVED CONTAMINATION
W = REWORKED SPECIMENS
I = SINGLE SPECIMEN
X = PRESENT
R = RARE <1%
F = FREQUENT >1% TO <5%
C = COMMON >5% TO <20%
A = ABUNDANT >20%
H = VERY ABUNDANT >50%
? = Questionably Present
. = Not Present

SPECIES LOCATION INDEX

CHART COLUMN SPECIES

141	ACHOMOSPHAERA RAMULIFERA
90	ANACOLOSIDITES ACUTULLUS
91	ANACOLOSIDITES LUTEOIDES
124	APECTODINIUM HOMOMORPHA (long spines)
123	APECTODINIUM HOMOMORPHA (short spine)
125	APECTODINIUM SP. INDET.
160	ARACHNODINIUM ANTARCTICUM
41	ARAUCARIACITES AUSTRALIS
142	ARECSPHAERIDIUM ARCUATUM
162	ARECSPHAERIDIUM AUSTRALICUM MS
1	AUSTRALOPOLLIS OBSCURUS
2	BACULATISPORITES SPP.
78	BANKSIEAEIDITES ARCUATUS
45	BASOPOLLIS OTWAYENSIS
163	BATIACASPHAERA DENTICULA MS
92	BEAUPREAIDITES ELEGANSIFORMIS
36	CAMAROZONOSPORITES BULLATUS
3	CAMAROZONOSPORITES HESSKERMENSIS
153	CASSIDIUM FRAGILE
143	CASSIDIUM SPP.
4	CLAVIFERA TRIPLEX
164	CLEISTOSPHAERIDIUM EPACRUM MS
52	COMBACULITES APICULATUS MS
135	CORDOSPHAERIDIUM INODES
53	CRASSIRETITRILETES VANRAADSHOOVENII
138	CRASSOSPHAERA CONCINNIA
79	CUPANIEIDITES ORTHOTEICHUS
111	CYATHEACIDITES ANNULATUS
5	CYATHIDITES PALMOSPORA
6	CYATHIDITES SPLENDENS
154	CYNATISPHAERA SPP.
126	DEFLANDREA FLOUNDERENSIS
136	DEFLANDREA SPP.
149	DEFLANDREA TRUNCATA
77	DICTYOTRIDITES CLAVATUS
112	DICTYOPHYLLIDITES SPP.
8	DILWYNITES GRANULATUS
46	DILWYNITES TUBERCULATUS
64	DRYPTOPOLLENITES SEMILUNATUS
121	DYPHES COLLIGENUM
115	EISENACKIA CRASSITABULATA
47	ELPHEDRIPITES MOTENSIS
27	EOCLADOPYXIS PENICULATA
107	ERICIPITES CRASSIEXINUS
65	FOVEOTRILETES BALTEUS
9	GAMBIERINA RUDATA
10	GLEICHENIIDITES CIRCINIDITES
11	HALORAGACIDITES HARRISII
83	HELICIPORITES ASTRUS
12	HERKOSPORITES ELLIOTTII
161	HOLOROGINELLA INCURVATA
155	HOMOTRYBLIUM TASMANIENSE
150	HYSTRICHOKOLPOMA RIGAUDAE
151	HYSTRICHOSPHAERIDIUM TUBIFERUM
84	ILEXPOLLENITES ANGULOCLAVATUS
144	IMPAGIDINIUM MACULATUM
128	IMPAGIDINIUM SPP.
152	IMPAGIDINIUM VICTORIANUM
165	IMPAGIDINIUM WAIPAWAENSIS
66	INTRATRIPOROPOLLENITES NOTABILIS
98	ISCHYOSPORITES GREMIUS
54	ISCHYOSPORITES IRREGULARIS MS
18	JUXTACOLPUS PIERATUS MS
137	KENLEYIA SPP.
139	KISSELOVIA EDWARDSII
129	KISSELOVIA THOMPSONAE MS
157	KOLPOMACTSTA TRABECULOIDES MS
108	KUYLISPORITES WATERBOLKII
55	LAEVIGATOSPORITES MAJOR
14	LAEVIGATOSPORITES OVATUS
15	LATROBOSPORITES CRASSUS
100	LILIACIDITES LANCEOLATUS
171	LINGULODINIUM MACHAEROPHORUM
16	LYGISTEPOLLENITES BALMEI
37	LYGISTEPOLLENITES FLORIDUS
67	MALVACIPOLLIS ROBUSTUS MS
17	MALVACIPOLLIS SUBTILIS
109	MATONISPORITES ORNAMENTALIS
145	MICRHYSTRIDIUM SPP.
18	MICROCACHRYIDITES ANTARCTICUS
101	MONOSULCITES WAITAKIENSIS
68	MYRTACEIDITES PARVUS/MESOMEGUS
56	MYRTACEIDITES TENUIS
172	NEMATOSPHAEROPSIS BALCOMBIANA
110	NOTHOFAGIDITES ASPEROUS
38	NOTHOFAGIDITES BRACHYSPINULOSUS
93	NOTHOFAGIDITES DEMINUTUS
19	NOTHOFAGIDITES EMARCIDUS/HETERUS
20	NOTHOFAGIDITES ENDURUS
113	NOTHOFAGIDITES FALCATUS
50	NOTHOFAGIDITES FLEMINGII
94	NOTHOFAGIDITES GONIATUS
102	NOTHOFAGIDITES VANSTEENISII
122	OPERCULODINIUM CENTROCARPUM
116	PARALECANIELLA INDENTATA
85	PARVISACCITES CATASTUS
21	PENINSULAPOLLIS GILLII
51	PERIPOROPOLLENITES POLYORATUS
86	PERIPOROPOLLENITES DEMARCATUS
42	PEROMONOLITES DENSUS
22	PEROMONOLITES VELLOSUS
166	PHTHANOPERIDINIUM DELICATUM MS.
156	PHTHANOPERIDINIUM SP.
23	PHYLLOCLADIDITES MAWSONII
39	PHYLLOCLADIDITES VERRUCOSUS
24	PODOCARPIDITES SPP.
25	PODOSPORITES MICROSACCATUS
26	POLYCOLPITES LANGSTONII
87	POLYCOLPOROPOLLENITES ESOBALTEUS
80	POLYPODIACEOISPORITES VARUS MS
27	PROTEACIDITES ADENANTHOIDES
28	PROTEACIDITES ANGULATUS
29	PROTEACIDITES ANNULARIS
103	PROTEACIDITES ASPEROPOLUS
104	PROTEACIDITES CRASSUS
57	PROTEACIDITES GRANDIS
69	PROTEACIDITES INCURVATUS
58	PROTEACIDITES KOPIENSIS
70	PROTEACIDITES LAPIS MS
76	PROTEACIDITES LATROBENSIS
95	PROTEACIDITES LEIGHTONII
71	PROTEACIDITES OBSCURUS
96	PROTEACIDITES ORNATUS
59	PROTEACIDITES PACHYPOLUS
30	PROTEACIDITES PRODIGUS MS
88	PROTEACIDITES PSEUDOMOIDES
89	PROTEACIDITES RETICULATUS
72	PROTEACIDITES RETICULOSCABRATUS
31	PROTEACIDITES SPP.
73	PROTEACIDITES TENUIEXINUS
105	PROTEACIDITES TUBERCULIFORMIS
130	PROTOHELLIPSODINIUM SIMPLEX MS
114	PROTOHAPLOXYPINUS SPP.
167	PYXIDINOPSIS CRASSIMURATA
146	PYXIDINOPSIS DELICATA
119	PYXIDINOPSIS PONTUS MS
117	PYXIDINOPSIS WAIPAWAENSIS
43	RETITRILETES SPP.
74	ROTVERRUSPORITES STELLATUS MS
32	RUGULATISPORITES MALLATUS
118	SAEPTODINIUM SP. INDET.
60	SANTALUMIDITES CAINOZOICUS
173	SCHEMATOPHORA SP. CF. SPECIOSUS
140	SENTUSIDINIUM SP.
120	SPINIDINIUM SPP.
131	SPINIFERITES RAMOSA S.L.
33	STERESISPORITES (TRIPUNCTISPORIS) SP.
34	STERESISPORITES ANTIQUISPORITES
48	STERESISPORITES AUSTRALIS
168	SYSTEMATOPHORA PLACACANTHA
147	SYSTEMATOPHORA TARPHOUS MS
174	TECTATODINIUM SCABROLLIPTICUS MS
77	TETRACOLPORITES MULTISTRIXUS MS
40	TETRACOLPORITES VERRUCOSUS
35	TETRAPORINITES SPP.
158	THALASSIPHORA PELAGICA
99	TRICOLPITES RETICULATUS Cookson
51	TRICOLPORITES ADELAIDENSIS
44	TRICOLPORITES MARGINATUS MS
81	TRICOLPORITES MICRORETICULATUS
75	TRICOLPORITES PARMISTRIATUS
82	TRICOLPORITES SCABRATUS
62	TRIPOROPOLLENITES AMBIGUUS
49	TRIPOROPOLLENITES HELOSUS MS
159	TRITONITES BILOBUS
169	TRITONITES PANDUS
170	TRITONITES TRICORNUS
97	VERRUCATOSPORITES ALIENUS
106	VERRUCATOSPORITES ATTINATUS MS
63	VERRUCOSISPORITES KOPURUENSIS
132	WETZELIELLA ARTICULATA
148	WILSONIDINIUM QUIRRATUS MS
133	WILSONIDINIUM SP. INDET.
134	microforaminiferal liner

1	AUSTRALOPOLLIS OBSCURUS
2	BACULATISPORITES SPP.
3	CAMAROZONOSPORITES HESSKERMENSIS
4	CLAVIFERA TRIPLEX
5	CYATHIDITES PALMOSPORA
6	CYATHIDITES SPLENDENS
7	DICOTYRADITES CLAVATUS
8	DILWYNITES GRANULATUS
9	GAMBIERINA RUDATA
10	GLEICHENIIDITES CIRCINIDITES
11	HALORAGACIDITES HARRISII
12	HERKOSPORITES ELLIOTTII
13	JUXTACOLPUS PIERATUS MS
14	LAEVIGATOSPORITES OVATUS
15	LATROBOSPORITES CRASSUS
16	LYGISTEPOLLENITES BALMEI
17	MALVACIPOLLIS SUBTILIS
18	MICROCACHRYIDITES ANTARCTICUS
19	NOTHOFAGIDITES EMARCIDUS/HETERUS
20	NOTHOFAGIDITES ENDURUS
21	PENINSULAPOLLIS GILLII
22	PEROMONOLITES VELLOSUS
23	PHYLLOCLADIDITES MAWSONII
24	PODOCARPIDITES SPP.
25	PODOSPORITES MICROSACCATUS
26	POLYCOLPITES LANGSTONII
27	PROTEACIDITES ADENANTHOIDES
28	PROTEACIDITES ANGULATUS
29	PROTEACIDITES ANNULARIS
30	PROTEACIDITES PRODIGUS MS
31	PROTEACIDITES SPP.
32	RUGULATISPORITES MALLATUS
33	STERESISPORITES (TRIPUNCTISPORIS) SP.
34	STERESISPORITES ANTIQUISPORITES
35	TETRACOLPORITES VERRUCOSUS
36	CAMAROZONOSPORITES BULLATUS
37	LYGISTEPOLLENITES FLORIDUS
38	NOTHOFAGIDITES BRACHYSPINULOSUS
39	PHYLLOCLADIDITES VERRUCOSUS
40	TETRACOLPORITES TENUIS MS
41	ARAUCARIACITES AUSTRALIS
42	PEROMONOLITES DENSUS
43	RETITRILETES SPP.
44	TRICOLPORITES MARGINATUS MS
45	BASOPOLLIS OTWAYENSIS MS
46	DILWYNITES TUBERCULATUS
47	ELPHEDRIPITES MOTENSIS
48	STERESISPORITES AUSTRALIS
49	TRIPOROPOLLENITES HELOSUS MS
50	NOTHOFAGIDITES FLEMINGII
51	PERIPOROPOLLENITES POLYORATUS
52	COMBACULITES APICULATUS MS
53	CRASSIRETITRILETES VANRAADSHOOVENII
54	ISCHYOSPORITES IRREGULARIS MS
55	LAEVIGATOSPORITES MAJOR
56	MYRTACEIDITES TENUIS
57	PROTEACIDITES GRANDIS
58	PROTEACIDITES KOPIENSIS
59	PROTEACIDITES PACHYPOLUS
60	SANTALUMIDITES CAINOZOICUS
61	TRICOLPORITES ADELAIDENSIS
62	TRIPOROPOLLENITES AMBIGUUS
63	VERRUCOSISPORITES KOPURUENSIS
64	DRYPTOPOLLENITES SEMILUNATUS
65	FOVEOTRILETES BALTEUS
66	INTRATRIPOROPOLLENITES NOTABILIS
67	MALVACIPOLLIS ROBUSTUS MS
68	MYRTACEIDITES PARVUS/MESOMEGUS
69	PROTEACIDITES INCURVATUS
70	PROTEACIDITES LAPIS MS
71	PROTEACIDITES OBSCURUS
72	PROTEACIDITES RETICULOSCABRATUS
73	PROTEACIDITES TENUIEXINUS
74	ROTVERRUSPORITES STELLATUS MS
75	TRICOLPORITES PARMISTRIATUS
76	PROTEACIDITES LATROBENSIS
77	TETRACOLPORITES MULTISTRIXUS MS
78	BANKSIEAEIDITES ARCUATUS
79	CUPANIEIDITES ORTHOTEICHUS
80	POLYPODIACEOISPORITES VARUS MS
81	TRICOLPORITES MICRORETICULATUS
82	TRICOLPORITES SCABRATUS
83	HELICIPORITES ASTRUS
84	ILEXPOLLENITES ANGULOCLAVATUS
85	PARVISACCITES CATASTUS
86	PERIPOROPOLLENITES DEMARCATUS
87	POLYCOLPOROPOLLENITES ESOBALTEUS
88	PROTEACIDITES PSEUDOMOIDES
89	PROTEACIDITES RETICULATUS
90	ANACOLOSIDITES ACUTULLUS
91	ANACOLOSIDITES LUTEOIDES
92	BEAUPREAIDITES ELEGANSIFORMIS
93	NOTHOFAGIDITES DEMINUTUS
94	NOTHOFAGIDITES GONIATUS
95	PROTEACIDITES LEIGHTONII
96	PROTEACIDITES ORNATUS
97	VERRUCATOSPORITES ALIENUS
98	ISCHYOSPORITES GREMIUS
99	TRICOLPITES RETICULATUS Cookson
100	LILIACIDITES LANCEOLATUS
101	MONOSULCITES WAITAKIENSIS
102	NOTHOFAGIDITES VANSTEENISII
103	PROTEACIDITES ASPEROPOLUS
104	PROTEACIDITES CRASSUS
105	PROTEACIDITES TUBERCULIFORMIS
106	VERRUCATOSPORITES ATTINATUS MS
107	ERICIPITES CRASSIEXINUS
108	KUYLISPORITES WATERBOLKII
109	MATONISPORITES ORNAMENTALIS
110	NOTHOFAGIDITES ASPEROUS
111	CYATHEACIDITES ANNULATUS
112	DICTYOPHYLLIDITES SPP.
113	NOTHOFAGIDITES FALCATUS
114	PROTOHAPLOXYPINUS SPP.
115	EISENACKIA CRASSITABULATA
116	PARALECANIELLA INDENTATA
117	PYXIDINOPSIS WAIPAWAENSIS
118	SAEPTODINIUM SP. INDET.
119	PYXIDINOPSIS PONTUS MS
120	SPINIDINIUM SPP.
121	DYPHES COLLIGENUM
122	OPERCULODINIUM CENTROCARPUM
123	APECTODINIUM HOMOMORPHA (short spine)
124	APECTODINIUM HOMOMORPHA (long spines)
125	APECTODINIUM SP. INDET.
126	DEFLANDREA FLOUNDERENSIS
127	EOCLADOPYXIS PENICULATA
128	IMPAGIDINIUM SPP.
129	KISSELOVIA THOMPSONAE MS
130	PROTOHELLIPSODINIUM SIMPLEX MS
131	SPINIFERITES RAMOSA S.L.
132	WETZELIELLA ARTICULATA
133	WILSONIDINIUM SP. INDET.
134	microforaminiferal liner
135	CORDOSPHAERIDIUM INODES
136	DEFLANDREA SPP.
137	KENLEYIA SPP.
138	CRASSOSPHAERA CONCINNIA
139	KISSELOVIA EDWARDSII
140	SENTUSIDINIUM SP.
141	ACHOMOSPHAERA RAMULIFERA
142	ARECSPHAERIDIUM ARCUATUM
143	CASSIDIUM SPP.
144	IMPAGIDINIUM MACULATUM
145	MICRHYSTRIDIUM SPP.
146	PYXIDINOPSIS DELICATA
147	SYSTEMATOPHORA TARPHOUS MS
148	WILSONIDINIUM QUIRRATUS MS
149	DEFLANDREA TRUNCATA
150	HYSTRICHOKOLPOMA RIGAUDAE
151	HYSTRICHOSPHAERIDIUM TUBIFERUM
152	IMPAGIDINIUM VICTORIANUM
153	CASSIDIUM FRAGILE
154	CYNATISPHAERA SPP.
155	HOMOTRYBLIUM TASMANIENSE
156	PHTHANOPERIDINIUM SP.
157	KOLPOMACTSTA TRABECULOIDES MS
158	THALASSIPHORA PELAGICA
159	TRITONITES BILOBUS
160	ARACHNODINIUM ANTARCTICUM
161	HOLOROGINELLA INCURVATA
162	ARECSPHAERIDIUM AUSTRALICUM MS
163	BATIACASPHAERA DENTICULA MS
164	CLEISTOSPHAERIDIUM EPACRUM MS
165	IMPAGIDINIUM WAIPAWAENSIS
166	PHTHANOPERIDINIUM DELICATUM MS.
167	PYXIDINOPSIS CRASSIMURATA
168	SYSTEMATOPHORA PLACACANTHA
169	TRITONITES PANDUS
170	TRITONITES TRICORNUS
171	LINGULODINIUM MACHAEROPHORUM
172	NEMATOSPHAEROPSIS BALCOMBIANA
173	SCHEMATOPHORA SP. CF. SPECIOSUS
174	TECTATODINIUM SCABROLLIPTICUS MS