

KINGFISH - 3.

Reasonably well preserved plant microfossils obtained from the sample include abundant cuticular material, low concentrations of spores and pollen grains, and rare microplankton. Species identified include:

- Spores: Cyathidites australis Couper
C. splendens Harris
Gleicheniidites circinidites (Cookson)
Stereosporites antiquasporites (Wilson & Webster)
- Pollen: Araucariacites australis Cookson
Nothofagidites emarcidus (Cookson)
Podocarpidites ellipticus Cookson
Proteacidites annularis Cookson
P. crassus Cookson
P. dilwynensis Harris
P. subscabratus Couper
- Microplankton: Deflamurea dartmooria Cookson & Eisenack

7934 feet (sidewall core)

A residue containing abundant cuticular material and fairly preserved spores and pollen grains was extracted from the sample. Species identified include:

- Spores: Baculatisporites comauensis (Cookson)
Cyathidites splendens Harris
Gleicheniidites circinidites (Cookson)
Latroposporites crassus Harris
- Pollen: Araucariacites australis Cookson
Banksiacidites sp.
Dacrydiidites ellipticus Harris (1 specimen only)
D. florinii Cookson & Pike
Myrtacidites eugenioides Cookson & Pike
Nothofagidites emarcidus (Cookson)
Phyllocladidites mawsonii Cookson
Podocarpidites ellipticus Cookson
Proteacidites annularis Cookson
P. crassus Cookson
P. incurvatus Cookson
P. subscabratus Couper
Triorites harrisii Couper

8005 feet (sidewall core)

Reasonably well preserved spores and pollen grains were extracted from the sample and include the following species:

- Spores: Cyathidites minor Couper
C. splendens Harris
Gleicheniidites circinidites (Cookson)
Laevigatosporites ovatus Wilson & Webster
Triletes tuberculiformis Cookson
- Pollen: Araucariacites australis Cookson
Cycasporites sp.
Dacrydiidites ellipticus Harris
Microcachryidites antarcticus Cookson
Nothofagidites emarcidus (Cookson)
N. cf. brachyspinulosus (Cookson)
Phyllocladidites mawsonii Cookson
P. reticulosaceatus Harris
Polyporina fragilis Harris
Proteacidites crassus Cookson
P. incurvatus Cookson
P. subscabratus Couper

Remanić: Stephanoporopollenites obscurus Harris
Tiliaepollenites notabilis Harris
Triorites harrisii Couper
Trilobosporites trioreticulosus - Lower Cretaceous

8237 feet (sidewall core)

The fairly preserved microflora includes abundant spores and pollen grains and rare microplankton. Constituent species include:

Spores: Cyathidites australis Couper
C. minor Couper
Laevigatosporites ovatus Wilson & Webster
Gleicheniidites circinidites (Cookson)
Stereisporites anticuasporites (Wilson & Webster)

Pollen: Araucariacites australis Cookson
Dacrydiumites balnei Cookson
D. ellipticus Harris
Monosulcites praeinatus McIntyre
Nothofagidites emarcidus (Cookson)
N. cf. brachyspinulosus (Cookson)
Phyllocladidites mawsonii Cookson
P. reticulosaccatus Harris
Proteacidites subscabratus Couper
Stephanoporopollenites obscurus Harris
Triorites harrisii Couper

Microplankton: Epicephalonyxis indentata Deflandre & Cookson

8260 feet (sidewall core)

Abundant poorly preserved and strongly compressed plant microfossils were extracted from the sample. The assemblage which is chiefly composed of spores and pollen grains also includes rare microplankton.

Spores: Cyathidites splendens Harris
Gleicheniidites circinidites (Cookson)
Stereisporites anticuasporites (Wilson & Webster)

Pollen: Dacrydiumites balnei Cookson
D. ellipticus Harris
D. florinii Cookson & Pike
Microcachryidites antarcticus Cookson
Nothofagidites emarcidus (Cookson)
Proteacidites subscabratus Couper
Phyllocladidites mawsonii Cookson
Stephanop. oropollenites obscurus Harris
Tricolpites gillii Cookson
Triorites edwardsii Cookson & Pike f. tenuis Stover & Jones

Microplankton: Deflandrea sp.
Ginsinodinium tabulatum Cookson & Eisenack