

PE990542

INTERPRETATIVE

PALYNOLOGY REPORT

ON

PERCH -1

BY

LEWIS E. STOVER

Palynology Report 1970/15

June 1970.

## INTRODUCTION

Samples from Perch -1 between 3750 and 3808 feet were examined for dinoflagellates as part of a regional study of microplankton from the Nothofagidites asperus Zone in the Gippsland Basin. The previous palynology report on Perch -1 (Dettmann, October 2, 1968) covers spore-pollen assemblages from samples below those used in this study.

## SUMMARY

<u>Sample</u>	<u>Drill Depth</u>	<u>Age</u>	<u>Dinoflagellate Zone</u>
Core	3750 feet	Eocene	<u>D. extensa</u>
Core	3803 feet	"	"
Core	3808 feet	"	"

## COMMENTS

The spore-pollen assemblages which contain fairly numerous and excellently preserved specimens of Deflandrea extensa are dominated by pollen of Nothofagidites. Other spore-pollen species, although sparse or rare, indicate that the assemblage can be assigned to the N. asperus Zone. Other occurrences of D. extensa in the Gippsland Basin are given in palynology report 1970/14 (Stover, June 1970).

**INTERPRETATIVE**