GONYAULACYSTA PARORTHOCERAS

A New Species of DINOFLAGELLATE CYST

by Roger J. Davey

INTRODUCTION

Davey (1968 in press) emends the species Gonyaulacysta orthoceras Eisenack and also transfers it to the genus Cribroperidinium Neale and Sarjeant. By emending Eisenack's species the specimens described by Sarjeant (1966) as G. orthoceras, from the Lower Cretaceous of England, must now be excluded from this species. Hence, a new species is here erected to accommodate them.

SYSTEMATIC DESCRIPTION

Gonyaulacysta parorthoceras sp. nov.

1966 Gonyaulacysta orthoceras (Eisenack); Sarjeant: 121, pl. 14, figs. 5, 6; text-fig. 29

DIAGNOSIS: Shell ovoidal with strong, tapering apical horn accounting for about one-fifth to one-quarter of overall length. Shell wall of moderate thickness, granular to tuberculate. Tabulation 4', 1a, 6", 76c, 7", 1p, 1"'; crests low bearing small spinelets. Cingulum strongly spiral, of moderate breadth: sulcus broad and extending to antapex.


REFERENCES


