

CRETACEOUS PALYNOMORPH OF TAIWAN (1) - *Huangasporites*
genus nov. ⁽¹⁾

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ABSTRACT: A new form genus *Huangasporites* with its two new form species from Taiwan is reported.

KEYWORDS: Cretaceous, *Huangasporites*, Taiwan.

Genus HUANGASPORITES *gen. nov.*

黃氏孢屬

Ph. D. dissertation, Institute of Botany, National Taiwan University, P198. 1990.

Type species: *Huangasporites taiwanensis sp. nov.*

Diagnosis: Spores alete; amb subspheroidal, but usually bilobately parted; with a membranous rugulate to irregular reticulate outer layer; the wings arise from the muri or the rugulose processes.

Note: This form genus differ from all other alete spore form genera by the presence of a membranous, rugulate to irregular reticulate outer layer (perine). The name of the new genus is in honor of Professor Tseng-Chieng Huang, National Taiwan University, Taiwan, R.O. China.

Key to species

1. Body 31-43 μ wide..... 1. *H. parvus*
1. Body 44-59 μ wide..... 2. *H. taiwanensis*

(1) *Huangasporites parvus sp. nov.* Pl. 1, Figs. 1-3.

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Spores alete; amb subspheroidal, but usually bilobately parted; 39-51 μ wide. Body 31-43 μ wide, with a membranous rugulate to irregular reticulate outer layer (perine); the wings arising from the muri or rugulose processes, extending up to 14 μ long. Exine ca. 1-2 μ thick.

Holotype: Slide YTN-1 3722.1-3722.3-(3); Pl. 1; figs. 1-3. CPC Micropaleontology Lab.

Stratigraphic occurrence: It is discovered from the core of the well YTN-1 3722.1-3722.3m in YTN structure of offshore south Taiwan; Lower Cretaceous.

Film: 115:26-36; 118:14; 118:15; 120:6; 120:5 ; 117:9; 117:10; 117:14; 117:13.

Taxonomic affinity: Unknown.

(2) *Huangasporites taiwanensis* sp. nov. Pl. 1, Figs. 4-7.

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Spores alete; amb subspheroidal, but usually bilobately parted, 51-80 μ wide. Body 44-59 μ wide, with a membranous rugulate to irregular reticulate outer layer (perine); the wings arising from the muri or rugulose processes, extending up to 19 μ long. Exine ca. 2 μ thick.

Holotype: Slide YTN-1 3722.1-3722.3-(1); Pl. 1; figs. 4-7. CPC Micropaleontology Lab.

Stratigraphic occurrence: It is discovered from the core of the well YTN-1 3722.1-3722.3m in YTN structure of offshore south Taiwan; Lower Cretaceous.

Film: 118:11; 118:10; 118:18; 118:19; 116:24; 116:25; 117:3; 117:4; 117:17; 117:18; 116:32.

Taxonomic affinity: Unknown.

LITERATURE CITED

Shaw, C. L. 1990. Pollen Analysis on Cretaceous Sediments in Taiwan. Ph. D. Dissertation, Institute of Botany, National Taiwan University, Taipei, Taiwan, R. O. China.

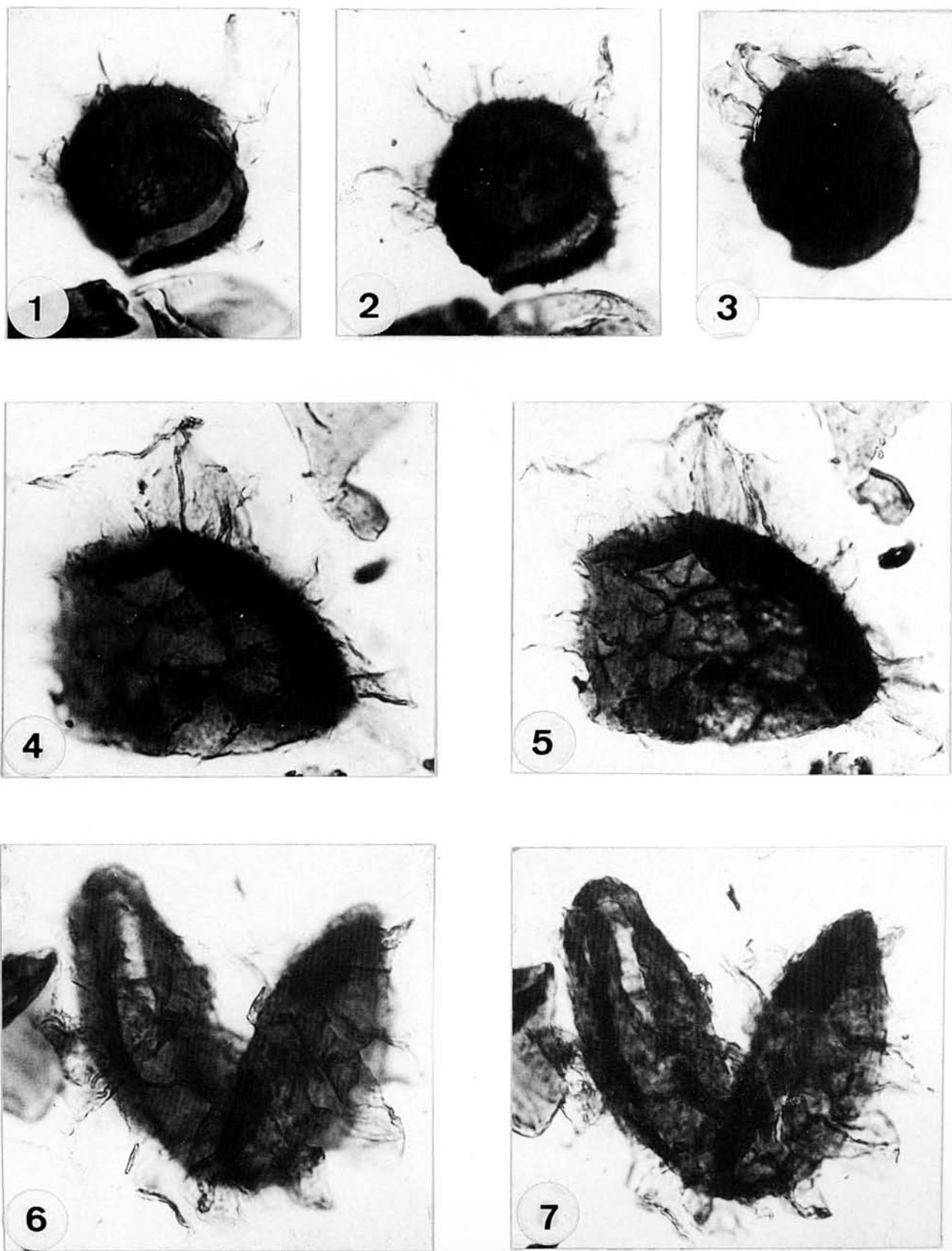
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摘

要

本文提出台灣新發現的黃氏孢形態屬及其兩個新形態種。



Pl. 1. *Huangasporites* Shaw; figs. 1-3. *H. parvus* Shaw; figs. 4-7. *H. taiwanensis* Shaw.