

- HUANG, R. and Y. M. CHIANG (1974) Phytoplankton along the southeastern coast of Taiwan. Fish. Soc. Taiwan 3: 29-34.
- LEMMERMANN, E. (1908) Flagellate, Chlorophyceae, Coccophaeales und Silicoflagellate. In Nordische Plankton Botanischer. Teil XXI: 25-32.
- LING, H. Y. (1972) Upper Cretaceous and Cenozoic silicoflagellates and ebridians. Bull. Amer. Pal. 62: 135-229.
- _____ (1973) Silicoflagellates and ebridians from Leg 19. In Creager, J. S., Scholl, D. W., et al., Initial Reports of the Deep Sea Drilling Project, Vol. XIX. Washington, D. C., U. S. Government Printing Office, pp. 751-775, pls. 1-3.
- LOEBLICH, A. R., III, L. A. LOEBLICH, H. TAPPAN and A. R. LOEBLICH, JR. (1968) Annotated index of fossil and recent silicoflagellates and ebridians with description and illustrations of validly proposed taxa. Geol. Soc. Am., Mem. 106, 319 pp.
- MCNABB, C. D. (1960) Enumeration of freshwater phytoplankton concentration on the membrane filter. Limnol. Oceanogr. 5: 57-61.
- MOORE, J. K. (1963) Refinement of a method for filtering and preserving marine phytoplankton on a membrane filter. Limnol. Oceanogr 8: 304-305.
- SU, T. C., T. C. HUND, Y. M. CHIANG, T. H. TANG, C. T. LO, K. H. CHANG, S. L. LEE and H. T. CHANG (1975) An ecological survey on the waters adjacent to the nuclear power plants in northern Taiwan. I. The progress report of the first year study (1974-1975). National Scientific Committee on the Problems of Environment, Academia Sinica, Republic of China, 75 pp. (in Chinese).
- _____ (1976) An ecological survey on the waters adjacent to the nuclear power plants in Taiwan, II. The progress report of the second year study (1975-1976). National Scientific Committee on the Problems of Environment. Academia Sinica, Republic of China, 88 pp. (in Chinese).
- _____ (1977) An ecological survey on the waters adjacent to the nuclear power plants in Taiwan, III. The progress report of the third year study (1976-1977). National Scientific Committee on the Problems of Environment. Academia Sinica, Republic of China, 116 pp. (in Chinese).
- TRAVERS, A. and M. TRAVERS (1968) Les silicoflagelles du Golfe de Marseille. Mar. Biol. 1: 285-288.
- VALKENBURG, S. VAN, and R. E. NORRIS (1970) The growth and morphology of the silicoflagellate *Dictyocha fibula* Ehrenberg in culture. J. Phycol. 6: 48-54.

臺灣北部沿海矽質鞭毛藻類之研究

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摘 要

從臺灣北部沿岸海水的標本裏發現有 8 種(包括變種)的矽質鞭毛藻類。其主要的種類是 *Dictyocha fibula* Ehrenberg 及 *Distephanus octonarius* var. *octonarius* Glezer。它們在 50 公尺以內的海水深度裏分佈相當均勻。

矽質鞭毛藻類大多分佈於冬季及春季，此時海水溫度在 25°C 以下，鹽度約在 34‰ 左右。