

## (続) 中華人民共和国における藻類学研究業績論文リストの紹介

前号に引き続き、中華人民共和国藻類学研究業績論文リストの紹介を行います。リストの内容に関する詳細は、第29巻第1号のp.22を参照して下さい。

〔編集委員会〕

**PHYCOLOGICAL PAPERS OF THE INSTITUTE OF OCEANOLOGY  
ACADEMIA SINICA**  
1952-1979

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(The papers are in Chinese with English summaries or abstracts unless otherwise specified.)  
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- 92. Ji, M. H.: Studies on the chemical composition of the Chinese economic brown seaweeds II. Seasonal variations in the main chemical component of *Laminaria japonica*, *Sargassum pallidum* and *Sargassum kjellmanianum* from north China.
- \*93. Fang, T. C., J. J. Li and H. J. Jiang: Some biological effect of  $\text{Co}^{60}$   $\gamma$ -radiations and different radiosensitivity in *Laminaria japonica* ARE SCH. (See: *Studia Marina Sinica*, No. 3)
- \*94. Fang, T. C., J. J. Li and B. Y. Jiang: Further studies on the comprehensive utilization of *Laminaria japonica* ARE SCH. (See: *Studia Marina Sinica*, No. 3)
- 95. Chang, C. F., E. Z. Xia and B. M. Xia: A comparative study of *Hypnea musciformis* (WULF.) LAMOUROUX and *Hypnea japonica* TANAKA
- 96. Fang, T. C. and B. Y. Jiang: Inheritance of frond length in *Laminaria japonica* ARE SCH.
- 97. Fan, K. C.: Studies on the reproductive organs of red algae III. The south African Genus *Melanocolax*
- 98. Tseng, C. K., T. J. Cheng and R. Y. Zhao: Comparative studies on the influence of the temperature factor on the formation and discharge of conchospores of different species of *Porphyra*.
- 99. Fang, T. C., C. Y. Wu, B. Y. Jiang, J. J. Li and K. Z. Ren: The breeding of a new variety of Haidai (*Laminaria japonica* ARE SCH.) (in English)
- 100. Fang, T. C. and J. J. Li: The reaction norm to temperature of female gametophytes of *Laminaria japonica* ARE SCH.

- 101. Fang, T. C. and J. J. Li: Adaptability to higher temperature of female *Laminaria* gametophytes at different developmental stages.
- 102. Fang, T. C. and B. Y. Jiang: A preliminary observation on the effect of crowedness on the stipe growth in *Laminaria japonica* ARE SCH.
- 103. Fang, T. C. and J. J. Li: Effects of inbreeding on female gametophytes and young sporophytes of *Laminaria japonica* ARE SCH.
- 104. Chang, T. J., B. F. Zheng and Z. J. Tang: *Platymonas* found in Tsingtao and their morphological variations.
- 105. Tseng, C. K. and C. F. Chang: An analytical study of the marine algal flora of the Western Yellow Sea coast II. Phytogeographical nature of the flora.
- \*106. Fang, T. C., J. J. Li and T. J. Chen: Effects of  $\text{Co}^{60}$   $\gamma$ -radiation on the young sporophytes of *Laminaria japonica* ARE SCH. (See: *Studia Marina Sinica*, No. 6)
- \*107. Tseng, C. K. and C. F. Chang: A critical review of the record of the benthic marine algae as reported from the Western Yellow Sea coast. (See: *Studia Marina Sinica*, No. 6)
- 108. Cheng, C. F. and B. M. Xia: A comparative study of *Gracilaria foliifera* (FORSSK.) BORGES and *Gracilaria textorii* (SURING.) DE TONI.
- 109. Fan, K. C. and Y. P. Fan: Studies on the reproductive organs of red algae
- \*110. Fan, K. C. and W. S. Li: Studies on the reproductive organs of red algae V. *Lia-*gorophia.

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111. Shi, S.Y. and M.H. Chi: Determination of the ascorbic acid contents in some edible seaweeds.
112. Fang, T.C., B.Y. Jiang and J.J. Li: Further studies of the genetics of *Laminaria* frond-length.
113. Fang, T.C., B.Y. Jiang and J.J. Li: Some breeding work and genetic studies of *Laminaria japonica* ARE SCH.
114. Chi, M.H.: Advance in marine algal chemistry (in Chinese)
115. Ji, M.H., S.Y. Shi and W.G. Liu: Studies on the agar from *Gracilaria verrucosa* I. Extraction and treatment of agar.
- \*116. Wu, C.Y., Sh.Q. Zheng, C.K. Tseng and Z. Sh. Peng: Translocation and accumulation of nutritive substances in the blade of *Laminaria japonica*.

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117. Zhou, B. Ch: On the polarographic technique in the photosynthetic studies of marine algae.
118. Fang, T.C., B.Y. Jiang and J.J. Li: The breeding of a long-frond variety of *Laminaria japonica* ARE SCH.
- \*119. Tseng, C.K. and Wu, C.Y.: Studies on fertilizer application in the cultivation of Haidai (*Laminaria japonica* ARE SCH.)
- \*120. Zhou, B. Ch., B.G. Wu, C.K. Tseng and G.Y. Xiao: Some variances of photosynthesis and the pigment systems in the red alga, *Porphyra yezoensis*.
- \*121. Wu, B.G., Sh.Q. Zheng and G.Y. Xiao: Preliminary studies on the fluorescence induction phenomena of some marine algae.

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- \*122. Zhou, B. Ch., Sh. Q. Zheng and C.K. Tseng: Comparative studies on the absorption spectra of some green, brown and red algae.

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- \*123. Tseng, C.K. and M.L. Dong: Some new species of *Udotea* from the Xisha Islands, Guangdong Province, China. (See: *Studia Marina Sinica*, No. 10)
- \*124. Chang, C.F., E.Z. Xia and B.M. Xia: Taxonomic studies on the Siphonocladales of Xisha Islands, Guangdong Province, China. (See: *Studia Marina Sinica*, No. 10)

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- \*125. Chang, C.F. and B.M. Xia: Studies on Chinese species of *Gracilaria*. (See: *Studia Marina Sinica*, No. 10)
- \*126. Kuo, Y.C.: Five new species of *Coscinodiscus* from the South China Sea. (See: *Studia Marina Sinica*, No. 11)

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- \*127. Tseng, C.K. and T.J. Chang: On two new *Porphyra* from China. (See: *Oceanologia et Limnologia Sinica*, IX(1))
- \*128. Chang, C.F. and B.M. Xia: A new species of *Gastroclonium* from the Xisha Islands, Guangdong Province, China. (See: *Oceanologia et Limnologia. Scinica* IX(2))
- \*129. Tseng, C.K. and B.R. Lu: Studies on the Sargassaceae of the Xisha Islands, Guangdong Province, China. I. (See: *Studia Marina Sinica*, No. 12)
- \*130. Zhang, D.R. (Chang, T.J.) and J.H. Zhou: Studies on the Corallinaceae of the Xisha Islands, Guangdong Province, China I. (See: *Studia Marina Sinica*, No. 12)
- \*131. Chang, C.F. and B.M. Xia: Studies on some marine red algae of the Xisha Islands, Guangdong Province, China I. (See: *Studia Marina Sinica*, No. 12)
- \*134. Tseng, C.K. and M.L. Dong: Studies on some marine green algae from the Xisha Islands, Guangdong Province, China I. (See: *Studia Marina Sinica*, No. 12)
- \*135. Yang, T.D.: A preliminary study on the intertidal ecology of benthic marine algae of Hainan Island. (See: *Studia Marina Sinica*, No. 14)
- \*136. Chang, C.F. and B.M. Xia: Studies on the parasitic red Algae of China (See: *Studia Marina Sinica*, No. 14)

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- \*137. Ren, C. Zh., G.F. Cui, A.C. Fei, C.K. Tseng, C.P. Li and Q.C. Liu: The effect of temperature on the growth and Development of the conchocelis of *Porphyra yezoensis* UEDA. (See: *Oceanologia et Limnologia Sinica*, X(I))
- \*138. Chen, M.Q., B.F. Zheng and J.Ch. Wang: The influence of the different nitrogenous fertilizer on the growth and development of the conchocelis of *Porphyra yezoensis*. (See: *Oceanologia et Limnologia Sinica*, X(I))
- \*139. Li, S.Y., C.F. Cui and X.G. Fei: The

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influence of light intensities on the adherence of the conchospores of *Porphyra yezoensis*. (See: Oceanologia et Limnologia Sinica. X(2)).

\*140. Tseng, C. K. and B. R. Lu: Studies on the Sargassaceae of the Xisha Islands, Guangdong Province, China II. (See: Studia Marina Sinica, No. 15)

\*141. Zhang, C. F. (Chang, C. F.) and B. M. Xia: Studies on some marine red algae of the Xisha Islands, Guangdong Province, China II. (See: Studia Marina Sinica, No. 15)

\*142. Guo, Y. J. (Kuo, Y. C.), H. Q. Zhou and J. S. Ye: Studies on some marine red algae of the Xisha Islands, Guangdong Province, China. (See: Studia Marina Sinica, No. 15)

\*143. Jiang, B. Y. and Zh. J. Tang: Mature sporophytes cultured from the male gametophytes of *Laminaria japonica* ARECH. (in Chinese)

\*144. Jiang, B. Y. and Zh. J. Tang: Induction of auxins in male gametophytes of *Laminaria japonica* ARECH. (in Chinese).

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