

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:

最近、北海道大学水産学部正置富太郎教授が入手した中華人民共和国の中国科学院海洋研究所の業績リスト(1952~1979年に発表された144編の論文の著者名、および表題)を紹介することに致しました。これらの論文の別刷は北海道大学水産学部図書室に所蔵されていますので、文献複写希望の方は、各大学、研究所に備え付けの、「文献複写申込書」に下記の(1)(2)も忘れずに記入の上、北海道大学水産学部図書掛(041 函館市港町3-1-1)までお申し込み下さい。公費複写の利用ができるようになっております。

(1) 文献集のタイトル "List of phycological papers of the Institute of Oceanology. Academia Sinica 1952-1979".

(2) 報文番号、著者名、標題、発表年代。

なお文献番号に★の付してあるものについては、論文別刷が所蔵されておられません。

又、論文は中国語、英語、露語で書かれ、それぞれ論文題名の末尾に示してあります。

(in Chinese) : 中国語のみ

(in English) : 英語のみ

(in Russian) : 露語のみ

特に指示がない場合は中国語および英文摘要。

[編集委員会]

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

CONTENTS

(The papers are in Chinese with English summaries or abstracts unless otherwise specified.)

1952

1. Tseng, C.K. and C.F. Chang: The economic marine algae of the North China. (in Chinese)
2. Tseng, C.K. and C.F. Chang: Studies on Chinese *Sargassum* I. *Sargassum pallidum* (TURN.) AG.
3. Tseng, C.K. and C.F. Chang: Agar and agar industry. (in Chinese)

1953

4. Tseng, C.K. and C.F. Chang: On a new species of *Pelvetia* and its distribution.
5. Tseng, C.K.: Kelp and the forest on the bottom of the sea.

1954

6. Tseng, C.K. and P.L. Cheng: Studies on the marine algae of Tsingtao I.
7. Tseng, C.K. and C.Y. Wu: On the cultivation of Haidai and its problems. (in Chinese)
8. Tseng, C.K. and T.J. Chang: Studies on *Porphyra* I. Life history of *Porphyra tenera* KJELLM.
9. Tseng, C.K. and T.J. Chang: On the origin of spores in *Porphyra* cultivation.

(in Chinese)

10. Tseng, C.K. and C.F. Chang: Studies on Chinese *Sargassum* II. *Sargassum kjellmanianum* YENDO.

1955

11. Tseng, C.K. and T.J. Chang: Studies on *Porphyra* II. On the conchocelis-phase of *Porphyra* KJELLM. and its conchospores.
12. Tseng, C.K. and T.J. Chang: Studies on *Porphyra* III. Sexual reproduction of *Porphyra*.
13. Tseng, C.K. and T.J. Chang: A revision on the life cycle diagram of *Porphyra tenera* KJELLM.
14. Tseng, C.K. and T.J. Chang: Studies on the life history of *Porphyra tenera* KJELLM. (in English)
15. Tseng, C.K., K.Y. Sun and G.Y. Wu: On the cultivation of Haidai (*Laminaria japonica* ARESCH.) by summering young sporophytes at low temperature.
16. Tseng, C.K., K.Y. Sun and C.Y. Wu: Studies on fertilizer application in the cultivation of Haidai (*Laminaria japonica* ARESCH.)

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17. Tseng, C.K. and C.Y. Wu: On the cultivation of Haidai and its problems. (in Russian)
18. Tseng, C.K. and T.J. Chang: Conditions of *Porphyra* conchospores formation and discharge and the discharge rhythm.
19. Tseng, C.K. and C.F. Chang: Chinese *Porphyra* and *Porphyra* cultivation. (in Chinese)
20. Tseng, C.K., T.J. Liu, C.Y. Wu and B.Y. Jiang: A preliminary report on the growth of *Laminaria japonica* in the coast of Chekiang. (in Chinese)
21. Tseng, C.K., C.Y. Wu and K.Y. Sun: The effect of temperature on the growth and the development of Haidai (*Laminaria japonica* ARESCH.)
22. Chu, S.P. and Y.C. Kuo: Studies on the genus *Chaetoceros* EHRENBERG from the fishing ground of the mackerel, *Pneumatophorus japonicus* (HOULTUYN), off the Shantung coast from Chefoo to Weihai. Part I. A systematic study.

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23. Tseng, C.K. and T.J. Chang: On *Porphyra marinata* sp. nov. and its systematic position.
24. Chu, S.P. and Y.C. Kuo: Studies on the genus *Chaetoceros* EHRENBERG from the fishing ground of the mackerel, *Pneumatophorus japonicus* (HOULTUYN), off the Shantung coast from Chefoo to Weihai. Part II. An ecological study.
25. Tseng, C.K. and C.F. Chang: On the geographical distribution of *Pelvetia siliquosa* TSENG et C.F. CHANG.
26. Kuo, C.F.: On the laboratory culture and life history of *Stigeoclonium subsecundum*.
27. Ji, M.H., Y.X. Zhang, S.Z. Pu and S.Y. Shi: Change of chemical constituents in fresh *Laminaria japonica* ARESCH. During the salting process before sun-drying. (in Chinese)
28. Kuo, C.F. and J.F. Chen: The control of undesirable plants and algae in the evaporating saline ponds. (in Chinese)
29. Tseng, C.K.: On the southward transplantation of *Laminaria japonica* on the China coast. (in Chinese)

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economic marine algal flora of the Yellow Sea and East China Sea.

31. Tseng, C.K., G.Z. Ren and C.Y. Wu: On the discharge of eggs and sperms from the gametophytes of *Laminaria japonica* ARESCH. and the morphology of its sperm. (in Chinese)
32. Kuo, C.F.: Effects of gibberellic acid and some other plant growth stimulators on the growth of brown alga, *Laminaria japonica* ARESCH. (in Chinese)
33. Tseng, C.K., T.J. Chang and J.J. Li: Preliminary report on semi-artificial cultivation experiment of *Porphyra*. (in Chinese)
34. Tseng, C.K., T.J. Chang and R.Y. Zhao: On all-artificial cultivation of *Porphyra*. (in Chinese)
35. Kuo, C.F. and Y.F. Zhang: Effects of gibberellic acid and indole-3-acetic acid on marine unicellular alga, *Dunaliella salina*. (in Chinese)
36. Tseng, C.K. and J.F. Chen: On the propagation of *Gracilaria verrucosa* and laboratory culture of its sporelings.
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41. Wu, C.Y., C.K. Tseng, S.Q. Zhen and K.Y. Sun: On the problem of Fertilization in the late period of growth of *Laminaria japonica*. (in Chinese)
42. Ji, M.H. and Y.X. Zhang: Estimation of trace-elements in some Chinese brown algae. (in Chinese)
43. Wu, C.Y., C.K. Tseng, Z.M. Wang, B.Y. Jiang and K.Y. Sun: An experiment on the interval fertilization of *Laminaria japonica*. (in Chinese)
44. Chu, S.P. and Y.C. Kuo: A decade of marine phytoplankton research in China.
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49. Chang, T. J. and B. F. Zheng: *Porphyra haitanensis*, a new species of *Porphyra* from Fukien.

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*51. Tseng, C. K.: The results of the ten years studies of marine algae in China. (in Russia)

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52. Wu, C. Y., S. Q. Zeng and C. K. Tseng: Transaction of P³² in the blade of *Laminaria japonica*. (in Chinese)

53. Tseng, C. K. and C. F. Chang: On the botanical names of economic marine algae in old Chinese literatures.

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 70. Tseng, C.K. and C.F. Chang: An analytical study of the marine algal flora of the Western Yellow Sea coast.
 71. Ji, M.H. and Y.X. Zhang: Studies on the trace element in seaweeds.
 72. Fang, T.C., C.Y. Wu and C.Z. Li: Increased adaptability to high temperature of gametophytes and sporelings of the Haidai No. 1 breed of *Laminaria japonica* ARESCH.
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 *81. Fang, T.C., C.Y. Wu, B.Y. Jiang, J.J. Li and K.Z. Ren: The breeding of a new breed of Haidai (*Laminaria japonica* ARESCH.) and its preliminary genetic analysis. (in English)
 *82. Fan, K.C.: Studies on the reproductive organs of red algae II. The genus *Dermonea*.
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 *83. Chang, C.F. and B.M. Xia: *Polycavernosa*, a new genus of the Gracilariaceae. (See: Studia Marina Sinica, No. 3)
 *84. Ji, M.H., S.Y. Shi, S.Z. Pu and Y.X. Zhang: Further studies on the comprehensive utilization of *Laminaria japonica* ARESCH. (See: Studia Marina Sinica, No. 3)
 *85. Tseng, C.K., T.G. Lin, B.Y. Jiang, Y.H. Zhang and C.Y. Wu: Studies on the growth and development of Haidai (*Laminaria japonica* ARESCH.) transplanted at the Chekiang coast. (See: Studia Marina Sinica, No. 3)
 86. Tseng, C.K. and C.F. Chang: A preliminary analytical study of the Chinese marine algal flora.
 87. Tseng, C.K.: Some problems concerning analytical studies of marine algal flora.
 88. Xia, E.Z.: A preliminary phytogeographical studies on Chinese species of *Eucheuma*.
 89. Fan, K.C.: On the phytogeographical distribution of the Siphonocladales of China.
 90. Dong, M.L.: A preliminary phytogeographical studies on Chinese species of *Enteromorpha*.
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