

Jang Kyun Kim

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EDUCATION

M.S. Botany. University of Connecticut, USA. 2003.

Thesis : Ecophysiological Studies of Four Native *Porphyra* (Bangiales, Rhodophyta) Species from Coastal New England: Responses to Varying Combinations of Ammonium and Temperature.

M.S. Marine Biology. University of Incheon, KOREA. 2000.

Thesis : Effects of Major Environmental Pollutants on the Green Alga, *Ulva pertusa* Kjellman.

B.S. Biology. University of Incheon, KOREA. 1997.

RESEARCH EXPERIENCE

Research Assistant (Supervisor : Prof. Charles Yarish). University of Connecticut, USA.

2001 – 2003.

- Research on the effects of nutrient and temperature on *Porphyra*.

Researcher. Korean Ocean Research & Development Institute, KOREA. 2000.

- Monitored Antarctic phytoplankton : composition, biomass and distribution pattern of indicator species.

Researcher. Incheon Development Institute, KOREA. 1997 – 1999.

- Established long-term comprehensive marine environmental conservation

program for Incheon, KOREA.

TEACHING EXPERIENCE

Teaching assistant. Department of Ecology and Evolutionary Biology. University of Connecticut at Stamford, 2004 - Present.

Teaching “Foundations of Biology” a course in biology for nonmajors.

Teaching assistant. Department of Biology. University of Incheon, KOREA. 1999 – 2000.

Taught General Biology.

PUBLICATIONS

Kim J.K., G.P. Kraemer, C.D. Neefus, I.K Chung and C. Yarish. 2005. The effects of temperature and ammonium on growth, pigment production and nitrogen uptake in four species of *Porphyra* native to the coast of New England. *Indian Journal of Marine Ecology*. In Review.

Kim J.K. and T. Han. 2001. Effects of Inorganic Nutrients and Heavy Metals on Germination of the Green Alga, *Ulva pertusa* Kjellman. *Korean Journal of Environment Biology* 19: 7-17

Kim J.K. and T. Han. 2000. Effects of Inorganic Nutrients and Heavy Metals on Reproduction of the Green Alga, *Ulva pertusa* Kjellman. *Korean Journal of Phycology* 15: 81-88

Kim J.K. and T. Han. 1999. Effects of Inorganic Nutrients and Heavy Metals on Growth and Pigmentation of the Green Alga, *Ulva pertusa* Kjellman. *Korean Journal of Environment Biology* 17: 427-438.

Kim J.K., K.D. Cho and K. Park. 1999. Conservation plan of Marine Environment. *In*

Long-term Comprehensive Environmental Conservation Plan of Incheon. K.D. Cho et al. (eds). Incheon Metropolitan City.

Kim J.K., K.D. Cho, H.Y. Yoon and Y.J. Jeon. 1998. Conservation plan of Marine Environment. *In 2020 Incheon Deram*. Kim T.G., S.O. Park and W.S. Choi (eds), Incheon Metropolitan City.

PRESENTATIONS

Kim J.K., G.P. Kraemer, C.D. Neefus, I.K Chung and C. Yarish. 2004. Effects of temperature and ammonium on growth, pigment production and nitrogen uptake in four species of *Porphyra* naïve to the coast of New England. 43rd Northeast Algal Symposium.

Kim J.K., G.P. Kraemer, C.D. Neefus, I.K Chung and C. Yarish. 2004. The effects of temperature and ammonium on growth and nitrogen uptake in four species of *Porphyra* naïve to the coast of New England. Northeast Ecology and Evolution Conference.

Kim J.K., G.P. Kraemer, C.D. Neefus, I.K Chung and C. Yarish. 2003. A comparison of four native *Porphyra* species from coastal New England in response to ammonium and temperature in small tank system. 57th annual meeting of the Phycoogical Society of America.

Kim J.K., G.P. Kraemer, C.D. Neefus, I.K Chung and C. Yarish. 2003. Effect of NH_4^+ and temperature on the growth and nitrogen concentration of *Porphyra*. 42nd Northeast Algal Symposium.

Kim J.K. and T. Han. 2000. Effects of Major Environmental Pollutants on Reproduction of the Green Alga, *Ulva pertusa* Kjellman. 14th Korean Phycological Society

Meeting.

Kim J.K. and T. Han. 1999. Effects of Major Environmental Pollutants on Growth and Pigmentation of the Green Alga, *Ulva pertusa* Kjellman. 13th Korean Phycological Society Meeting.

HONORS AND AWARDS

Honor Scholarships awarded by University of Incheon due to excellent academic results.
1996.

Honor Scholarships awarded by the Graduate School, University of Incheon. 1999.

PROFESSIONAL SOCIETIES

Phycological Society of America

The Northeast Algal Society

Korean Phycological Society