



เอกสารอ้างอิง

- พรศิลป์ ผลพันธ์, "อนุกรมวิธานและการแพร่กระจายของ ไดโนแฟลกเจลเลตในครอบครัว Dinophusiaceae, Gonyaulacaceae, และ Peridiniaceae ในอ่าวไทย" วิทยานิพนธ์ปริญญาโทบัณฑิต สาขาวิทยาศาสตร์ทางทะเล บัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย, 2530 (อยู่ระหว่างการพิมพ์)
- ทวีศักดิ์ ปิยะกาญจน์, "กรณีพิษอัมพาตจากหอยที่ปราณบุรี : ความรู้สึกและความเข้าใจต่อปัญหาของประชาชน," การสัมมนาครั้งที่ 3 การวิจัยคุณภาพน้ำและคุณภาพทรัพยากรมีชีวิตในน่านน้ำไทย, หน้า 53 - 61, สำนักงานคณะกรรมการวิจัยแห่งชาติ, 2527.
- สุณีย์ สุวพันธ์, "น้ำเปลี่ยนสีกับการประมงทะเลของไทย," รายงานวิชาการที่ สจ. 127/7 สถานวิจัยประมงทะเล กองประมงทะเล กรมประมง, 2528.
- สุทธิชัย เตมียาณิชย์, "การเปลี่ยนแปลงแปลงตอนพืชและสาเหตุที่ชักนำให้เกิดพิษอัมพาตในหอยที่ปราณบุรี," การสัมมนาครั้งที่ 3 การวิจัยคุณภาพน้ำและคุณภาพทรัพยากรมีชีวิตในน่านน้ำไทย, หน้า 30 - 38, สำนักงานคณะกรรมการวิจัยแห่งชาติ, 2527.
- Anderson, D. M., and M. D. Corbett, "The Role of Chelators and Trace Metals in Toxin Blooms," Proc. 2nd. Int. Conf. on Toxic Dinoflagellate Blooms (Tayler, D. L. and H. H. Seliger, eds.), pp. 463 - 467, Elsevier North Holland, Inc., Amsterdam, 1979.
- Banase, K. "Rates of Growth Respiration and Photosynthesis of Unicellular Algae as Related to cell Size- Review" J. Phycol 12, 135 - 140, 1976.

- Balech, E., "Dinoflagelados Nuevos O Interesantes Del Golfo De Mexico Y Caribe," Hidrobiologia Tomo II ., (3), 79 - 126, 1967.
- Barber, R. T. and J. H. Ryther, "Organic Chelators : Factors Affecting Primary Production in the Cromwell Upwelling," J. exp. mar. biol. Ecol., 3, 191 - 199, 1969.
- Blanca R. D. M., "Red Tide Along the Peruvian Coast," Proc. 2 nd. Int. Conf. on Toxic Dinoflagellate Blooms (Tayler, D. L. and H. H. Seliger, eds.), pp. 183 - 190, Elsevier North Holland, Inc., Amsterdam, 1979.
- Blanco. J., J. Marino, and M. J. Campos, "The First Toxic Bloom of Gonyaulax tamarensis detected in Spain," Proc. 3 rd. Int. Conf. on Toxic Dinoflagellate Blooms (Anderson, D. M., A. W. White and D. G. Baden, eds.), pp. 79 - 84, Elsevier Science Publishing Co., Inc., New York, 1985.
- Brand, L. E., R. R. L. Guillard, and L. Murphy, "A method for the Rapid and Precise Determination of Acclimated Phytoplankton Reproduction Rate," J. Plankton Res., 3, 193 - 201, 1981.
- Dodge, J. D., "Nuclear Division in the Dinoflagellate Gonyaulax tamarensis," J. Gen. Microbiol., 36 , 269 - 276, 1964.
- Doig, M. T., III and D. F. Martin, "The Effect of Naturally Occuring Organic Substances on Growth of Red Tide Organism," Water Res., 8, 601 - 606, 1974.

Donnelling, P. V., J. Vuille, M. C. Jayasnal, R. A. Overstreet, J. William, M. A. Burkey, and R. M. Ingle, "A Study of Contributory Chemical Parameters to Red Tide in Apalachee Bay." Observations of and Unusual Red Tide. Fla. Bd. Conserv. Prof. Papers, Ser., 8, 43 - 84, 1966.

Elbrachter, M., "Population Dynamics of Ceratium in Coastal Water of the Kiel Bay," Oikos, Suppl., 15, 43 - 48, 1973.

Frey, D. E. and L. F. Small., "Effects of Micro - Nutrients and Major on Natural Phytoplankton Populations," J. Plank. Res., 2 (1), 1 -21, 1980.

Gabb, M. H. and W. E. Latchem, A Handbook of Laboratory Solutions, p. 65, Cornmarket Hutchinson Ltd., London, 1969.

Glover, H. E., "Iron in Maine Coastal Waters; Seasonal Variation and its Apparent Correlation with a Dinoflagellate Bloom," Limnol Oceanogr., 23 (3), 534 - 537, 1978.

Graneli, E., Edler., Gedziorowska D., and Nyman U., "Influence of Humic and Fulvic Acids on Prorocentrum minimum (Pav.)," J. Schiller., " Proc. 3 rd. Int Conf. on Toxic Dinoflagellate Bloom (Anderson, D. M., A. W. White and D. G. Baden, eds.), pp. 201 - 205, Elsevier Science Publishing Co., Inc., New York, 1985.

- Hair, M. E. and C. R. Bassett, "Dissolved and Particulate Humic Acids in an East Coast Estuary," Estuarine and Coastal Marine Science., 1 (1), 107 - 111, 1973.
- Huntsman, S. A., And W. G. Sunda, "The Role of Trace Metals in Regulating Phytoplankton growth," The Physiological Ecology of Phytoplankton (Morris, I., ed.) pp. 285 - 328, Blackwell Scientific Publications, Boston, 1980.
- Ingle, R. M. and D. F. Martin, "Prediction of the Florida Red Tide by Means of the Iron Index," Environ. Lett. , 1, 69 - 74, 1971.
- Johnston, R., "Biologically Active Compounds in the Sea," J. Mar. Biol. Am. UK., 34, 185 - 195, 1955.
- Johnston, R. "Sea Water, the Natural Medium of Phytoplankton II. Trace Metals and General Discussion," J. mar. biol. Ass., 44, 87 - 109, 1964.
- Kalle, K., "The Problem of the Gelbstoff in the Sea," Oceanogr. Mar. Biol. Ann. Rev. (Barnes H., ed.,) Vol 4, pp. 91 - 104, Publ. George Allen and Unwin Ltd., London, 1966.
- Kim, Y. S., and D. F. Martin, "Interrelationship of Peace River Parameters as a Basis of the Iron Index : A Predictive Guide to the Florida Red Tide," Water. Res., 8, 607 - 616, 1974.

- Lasker, R., "Field Criteria for Survival of Anchovy Larvae : the Relation between Inshore Chlorophyll Maximum Layers and Successful First Feeding." Fishery Bull Fish Wildl. Serv. U.S., 73, 453 - 462, 1975.
- Loeblich, L. A. and A. R. Loeblich III "The Organism Causing New England Red Tide : Gonyaulax excavata ," Proc. 1 st. Int. Conf. on Toxic Dinoflagellate Blooms (LoCiero, V. R., ed.), pp. 207 - 224, Mass. Science and Technol Found., Wakefield, Massachusettes, 1975.
- Louisa, N. and Chew, K. K., "Effect of Environmental Factors on Growth of Gonyaulax catenella," Proc. 1 st, Int, Conf. on Toxic Dinoflagellate Blooms (LoCicero, V. R., ed.), pp. 143 - 152, Mass. Science and Technol. Found. Wakefield, Massachusettes, 1975.
- Mahony, J. B., "The Association of Phytoflagellate Blooms in Lower New York Bay with Hypertrophication," J. exp. mar. Biol. Ecol ., 28 (1), 53 - 65, 1977.
- Mahoney, J. B., and F. W. Steimle, Jr., "A Mass Mortality of Marine Animals Associated with a Bloom of Ceratium tripos in the New York Bight," Proc. 2 nd. Int. Conf. on Toxic Dinoflagellate Blooms (Tayler, D. L. and H. H. Seliger. eds.), pp. 25, 225 - 230, Elsevier North Holland, Inc., Amsterdam, 1979.

- Margalef, "Life - forms of Phytoplankton as Survival Alternatives,"
Unstable Environment Oceanologia Acta 1, 453 - 509, 1978.
- Mc Allister, C. D., "Zooplankton Ration, Phytoplankton Mortality and
Estimation of Marine Production," Marine Food Chains (Steele,
J. H., ed.) pp. 419 - 457, Oliver and Boyd, Edinburgh, 1970.
- McLachlan, J. and J. S. Craigie, "Algal Inhibition by Yellow Ultra -
Violet Absorbing Substance from Funus vesiculosus," Can. J.
Bot., 42, 23 -33, 1964.
- Mulligan, H. F., "Oceanographic Factors Associated with New England
Red Tide Blooms," Proc. 1 st. Int. Conf. on Toxic
Dinoflagellate Blooms (LoCicero, V. R., ed.), pp. 23 - 40,
Mass. Science and Technol. Found., Wakefield, Massachusetts,
1975.
- Munk, W. H. and G. A. Riley, "Absorbing of Nutrients by Aquatic
Plants," J. Mar. Res. 11, 215 - 240, 1952.
- Musani, L.J., P. Valenta, H. W. Nurnburg, Z. Konard, and M. Branica,
"On the Chelation of Toxic Trace Metals by Humic Acid of
Marine Origin," Est and Coast. Mar. Sci., 11 (6), 639 - 649,
1980.

Nyquist, G., Investigation of Some Optical Properties of Seawater with Special Reference to Lignin Sulfonates and Humic Substance, 23 p., Department of Analytical and Marine Chemistry, Goteborg, 1979.

Prakash, A., "Growth and Toxicity of a Marine Dinoflagellate Gonyaula tamarensis," J. Fish. Res. Bd. Canada., 24 (7), 1589 - 1609, 1967.

Prakash, A., "Terrigenous Organic Matter and Coastal Phytoplankton Fertility," Fertility of the Sea (Costlow, J. D., ed.) pp. 351 - 358, Sao Paulo, Brazil, Gordon and Breach Science Publishers, London, 1971.

Prakash, A.; A. Jensen, and M. A. Rashid, "Humic Substances and Aquatic Productivity," Proc. Int. Humic Substances ., pp. 259 - 268, Nieuwersluis, 1972.

Prakash, A., and F.J.R. Taylor, "A " Red Water" Bloom of Gonyaulax acatenella in the Strait of Georgia and its Relation to Paralytic Shellfish Toxicity," J. Fish. Resh. Bd. Canada., 23 (8), 1265 - 1270, 1966.

Prakash, A. and M. A. Rashid, "Influence of Humic Substances on the Growth of Marine Phytoplankton : Dinoflagellates," Limnol. Ocean., 3 (4), 598 - 606, 1968.

- Prakash, A., M. A. Rashid., Arne Jensen, and D. V. Subba Rao,
"Influence of Humic Substances on the Growth of Marine
Phytoplankton : Diatoms," Limnol. Oceanogr., 18 (4), 516 -
524, 1973.
- Provasoli, L., "Growing Marine Seaweeds," Proc. 4 th Intern. Seaweed.
Symp ., pp. 9 - 17, Pergamon Press, 1963.
- Provasoli, L., "Organic Regulation of Phytoplankton Fertility", The
Sea, vol. 2 (Hill, M. N., ed.) pp. 165 - 219, Interscience
Publishers, New York, 1963.
- Pybus, C., "Observations on a Gyrodinium aureolum (Dinophyta) Bloom
off the South Coast of Ireland," J. mar. biol. Ass, U.K ., 60,
661 - 674, 1980.
- Rashid, M. A., "Role of Humic Acids of Marine Origin and their
Different Molecular Weight - Fractions in Complexing Di and
Tri - Valent Metals," Soil. Sci., 111, 298 - 306, 1971.
- Rashid, M. A., and A. Prakash, "Chemical Characteristics of Humic
Compounds Isolated from Some Decomposed Marine Algae," J.
Fish. Res. Board of Can ., 29 (1), 55 - 60, 1972.
- Rashid, M. A. and J. Leonard, "Modifications in the Solubility
Precipitation Behavior of Various Metals as a Result of
Interaction with Sedimentary Humic Acid," Chem. Geol., 11,
- 97, 1973.

- Raymont, J. E. G., Plankton and Productivity in the Oceans, 489 p., Pergamon Press, Oxford, 2 nd ed., 1980.
- Ryther, J. H., and W. M. Dunstan, "Nitrogen, Phosphorus and Eutrophication in the Coastal Marine Environment," Science, 171, 375 - 380, 1971.
- Schrey, S. E., E. J. Carpenter, and D. M. Anderson, "The Abundance and Distribution of the Toxic Dinoflagellate, Gonyaulax tamarensis in Long Island Estuaries," Estuaries, 7 (43), 472 - 477, 1984.
- Sieburth, J. M. and A. Jensen, "Studies on Algal Substances in the Sea.1. Gelbstoff (Humic Material) in Terrestrial and Marine Water," J. exp. Mar. Bio. Ecol. , 2, 174 - 189, 1968.
- Snedecor, G. W. and G. G. William, Statistical Method, Iowa State University Press, Iowa, 6 th ed., 1967.
- Sournia, A., "Morphological Bases of Competition and Succession," Can. Bull. Fish Aquat. Sci., 210, 339 - 346, 1981.
- Steidinger, K. A., "Basic Factors Influencing Red Tides," Proc. 1 st. Int. Conf. on Toxic Dinoflagellate Blooms (LoCicero. V. R., ed.), pp. 153 - 162, Mass, Science and Technol, Found., Wakefield, Massachusetts, 1975.

Stevenson, F. J., "Humus," The Encyclopedia of Soil Science Part 1 (Rhods, W. F. and C. F. Finkl, eds.), pp. 195 - 205, Hutchison and Ross Inc., Dowden, 1979.

Strickland, J.D.H. and T. R. Parson, A Practical Handbook of Seawater Analysis, 311 p., Bull. Fish. Res. Board. Can., 1968.

Sweeney, B. M., "The Organism, Opening Remarks," Proc. 2 nd. Int. Conf. on Toxic Dinoflagellate Blooms (Tayler, D. L. and H. H. Seliger, eds.), pp. 37 - 40, Elsevier North Holland, Inc., Amsterdam, 1979.

Swiaft. E. and E. G. Durbin, "The Phased Division and Cytological Characteristics of Pyrocystis spp. can be Used to Estimate Doubling. Timer of their Populations in the Sea," Deep - Sea Research, 19, 189 - 198, 1972.

Therriault, J. C.; J. Painchaud, and M. Levasseur, "Factors Controlling the Occurrence of Protogonyaulax tamarensis and Shellfish Toxicity in the St. Lawrence Estuary : Freshwater runoff and the Stability of the Water Column," Proc. 3 rd. Int. Conf. on Toxic Dinoflagellate Blooms (Anderson, D. M., A. W. White and D. G. Baden, eds.), pp. 141 - 146, Elsevier Science Publishing Co., Inc., New York, 1985.

- Thomas, W. H., D. L. R. Seibert, and A. N. Dodson, "Phytoplankton enrichment Experiments and Bioassays in Natural coastal Sea Water and in Sewage Outfall Recieving Waters off Southern California," Estuar. Coast. Mar. Sci. , 2, 191 - 206, 1974.
- Thurman, E. M. and R. L. Malcolm, "Preparative Isolation of Aquatic Humic Substances," Environmental Science and Technology, 15 (4), 463 - 466, 1981.
- Thurman, E. M., R. L. Wershaw, R. L. Malcolm, and D. J. Pinckney, "Molecular Size of Aquatic Humic Substances," Org. Geochem., 4, 27 - 35, 1982.
- Turner, J. T., and D. M. Anderson, "Zooplankton Grazing During Dinoflagellate Blooms in a Cape Cod Embayment, with Observations of Predation upon Tintinnids by Copepods," Mar. Eco., 4 (4), 359 - 374, 1983.
- Watras, C. j. and S. W. Chisholm, "Regulation of Growth in an Estuarine clone of Gonyaulax tamarensis (Lebour) Salinity - Dependent Temperature Responses," J. exp. Mar. Biol. Ecol., 6.2, 25 - 27, 1982.
- Weiler, C. S. and R. W. Eppley, "Temporal Pattern of Division in the Dinoflagellate Genus Ceratium and its Application to the Determination of Growth Rate," J. exp. mar. Biol. Ecol., 39, 1 - 24, 1979.

White, A. W., "Salinity Effects on Growth and Toxin Content of Gonyaulax excavata, a Marine Dinoflagellate Causing Paralytic Shellfish Poisoning," J. Phycol., 14, 475 - 479, 1978.

Yentsch, C. M.; E. J. Cole, and M. G. Salvaggio, "Some of the Growth Characteristics of Gonyaulax tamarensis Isolated from the Gulf of Marine," Proc. 1 st. Int. Conf. on Toxic Dinoflagellate Blooms (LoCicero, V. R., eds.), pp. 163 - 180, Mass. Science and Technol. Found., Wakefield Massachusetts, 1975.

Zubkoff, P. L. and J. E. Warinner III, "Synoptic Sighting of Red Waters of the Lower Chesapeake Bay and its Tributary River (May 1973 - September 1974)," Proc. 1 st. Conf. on Toxic Dinoflagellate Blooms (LoCicero, V. R., ed.), pp. 105 - 111, Mass. Science and Technol. Found., Wakefield, Massachusetts, 1975.

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นายไทยถาวร เลิศวิทยาประสิทธิ์ เกิดเมื่อวันที่ 30 พฤษภาคม พ.ศ. 2501 ที่กรุงเทพมหานคร สำเร็จการศึกษาวิทยาศาสตร์บัณฑิต จากภาควิชาวิทยาศาสตร์ทางทะเล คณะวิทยาศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย เมื่อปี พ.ศ. 2524 มีผลงานที่ได้รับการตีพิมพ์ 2 ฉบับคือ

Tsuchiya M. and T. Lirdwitayaprasit, "Distribution of Intertidal Animals on Rocky Shores of the Sichang Island, the Gulf of Thailand," Galaxea, 5, 15 - 25, 1986.

Lirdwitayaprasit, T. "Marine Bivalves in the Central Gulf of Thailand," Report of the Thai - SEAFDEC Joint Fishery Oceanographic Survey in the Central Gulf of Thailand, TD/Res/4, Southeast Asian Fisheries Development Center, 1985.

ปัจจุบันรับราชการในตำแหน่งนักวิชาการประมงทะเล 4 กองประมงทะเล กรมประมง กระทรวงเกษตรและสหกรณ์

