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APPENDICES

Appendix A Correlation within the environmental factors.

	Primary production	Chlorophyll concentration >1 μm	Chlorophyll concentration >8 μm
Temperature	0.50 (47) 0.0005	-0.01 (52) 0.9508	0.19 (51) 0.2406
Monthly rainfall	-0.33 (12) 0.2757	-0.12 (12) 0.6934	-0.52 (12) 0.0861

Appendix B Correlation between environmental factors and *Acrocalanus gibber* (egg production, biomass and production).

	A. gibber egg production	A. gibber biomass	A. gibber production
Temperature	0.01 (42) 0.9772	-0.09 (32) 0.6356	-0.02 (27) 0.9315
Chlorophyll concentration >1 μm	0.57 (42) 0.0003	0.08 (32) 0.6519	0.37 (27) 0.0579
Chlorophyll concentration >8 μm	0.56 (42) 0.0003	0.17 (31) 0.3502	0.49 (27) 0.0133
Primary production	0.48 (41) 0.0022	0.19 (31) 0.3086	0.40 (26) 0.0399

Appendix C Correlation between environmental factors and zooplankton
(biomass and production).

	Zooplankton biomass	Zooplankton production
Temperature	0.15 (14) 0.5888	0.27 (10) 0.4118
Chlorophyll concentration >1 um	-0.01 (14) 0.9684	-0.04 (10) 0.8987
Chlorophyll concentration >8 um	-0.41 (13) 0.1534	0.10 (10) 0.7572
Primary production	-0.29 (12) 0.3416	-0.1152 (10) 0.7279

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BIOGRAPHY

Miss Suree Pong-in was born in Nakorn Pathom Province on September 1, 1965. She graduated with the Bachelor of Science degree from the Department of Marine Science, Faculty of Science, Chulalongkorn University in 1987. After graduation, she still continued her graduate study in the Department of Marine Science, Chulalongkorn University. She is now working as a marine biologist at Phuket Marine Biological Center, Phuket Province. Her responsibility is mainly dealing with zooplankton production and ecology.

