

Quantitative Evaluation of Morphology for the Planktic Foraminifer *Globigerinoides ruber*

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Recently we can obtain three dimensional details of skeleton of foraminifer and radiolaria using micro X-ray CT. *Globigerinoides ruber* is an abundant planktic foraminiferal species often used in reconstruction of sea surface conditions in the global ocean. Within the *G.ruber*, two variations in shell color are recognized, *G.ruber* "white" and *G.ruber* "pink" with pink colored chambers. Results from molecular phylogenetic analysis supported the separate treatment of the two chromotypes. In this study, we present results from morphometric measurements on three dimensional information of *G. ruber* white and pink using micro X-ray CT.