A307 Inter- and Intra-specific Relationships of Vibrios from *Cragon affinis* Based on Randomly Amplified polymorphic DNA(RAPD) markers

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The strains of Vibrios isolated from shrimp at Nakdong River in winter, 1996 and were identified with 22 biochemical characteristics. We couldn't identify 16 strains of isolates because their biochemical characteristics didn't agree with that of any type species. Genetic relationships of 16 strains were determined by a RAPD assay for using basic data of their identification.The results were analyzed by a phenetic analysis with the NTSYS-PC software.

A308 Myxomycetes of Korea

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The characteristics of Myxomycetes have plasmodoium or pseudo-plasmodium. The Myxomycetes move and ingest bacterias and moulds. The work on it in Korea has been still incompleted. Until now 11 species were reported by Park & Lee and Cho. Many Myxomycetes were collected at Mt.Jiri, Mt.Odai and Mt.Moak from May 1996 to August 1997. They were identified and according to the results. They are newly to Korea : *Badhamia macrocarpa* (Ces.) Rostaf, *Craterium leucocephalum* Pers., *Cribraria splendens* (Schrad.) Pers., *Didymium minus* (Lister) Morgan., *D. melanospermum* Pers., *Hemitricha serpula* (Scop.) Rost., *Perichaena chrysosperma* (Curry) A.Lister, *Physarum contextum* (Pers.) Pers., *P. globuliferum* (Bull.) Pers., *P. melleum* (Berk. & Br.) Mass., *P. pusillum* (Berk. & M.A. Curtis) G.Lister, *P. viride* var. *auranticum* (Bull.) Lister and *Stemonitis fusca* Roth.