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Chairman—ROBERT A. ERKINS, *Snake River Trout Company, Buhl, Idaho*

Experimental Shrimp Culture in Southeast Florida

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Abstract

Long-term research has been commenced on intensive culture of pink shrimp, *Penaeus duorarum*, under the auspices of the Armour and United Fruit Companies and the National Science Foundation "Sea Grant" program.

Facilities for this research have been constructed on the grounds of an electrical generating plant owned by Florida Power and Light Company in south Dade County, Florida.

The present 5-acre site contains four quarter-acre, two half-acre and one 1-acre ponds. In addition, construction is nearing completion on 16 outdoor concrete larval rearing tanks each having a capacity of 20 metric tons of sea water.

A laboratory has been built where research is being carried out on larval culture and propagation of larval food organisms. Initial experimentation has involved the use of wild pink shrimp as a source of eggs, but a selective breeding program is planned.

Shrimp have been successfully reared from the egg to pond stocking size during the first year of the program.