AQUACULTURE IN THE ST. VINCENT'S BAY EXPERIMENTAL MARICULTURE CENTRE

REARING OF SHRIMP

by

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Summary

The Association for Mariculture Development in New Caledonia (AQUACAL) has taken over the facilities left behind by the South Pacific Islands Fisheries Development Agency (SPIFDA). This year, the St. Vincent's Bay Experimental Mariculture Centre is undertaking medium-scale farming of Penaeides shrimp with specimens from the hatchery.

Experiments carried out in 1972 and 1973 by Professor Doumenge*, had shown that Penaeides juveniles, collected from natural stock in the bay, could be grown to marketable size within a few months.

It was therefore possible to have breeding stock on hand which, with the cooperation of the Pacific Oceanographical Centre* (COP) in Tahiti, enabled us to continue experiments.

It is proposed to construct a hatchery and a feeding unit close to the existing buildings, by the end of 1974 or the beginning of 1975.

In 1975, AQUACAL proposes to undertake the construction of five 1,000 m²-ponds.

* Project Manager, SPIFDA.
* of the "Centre National pour l'Exploitation des Océans" (CNEXO).
The objectives for 1974 are as follows:

- The continuation of experiments in hand, initially with post-larvae produced in the COP, then with larvae produced in the Centre itself.
- A study of composite foods.
- Growth rate experiments on a semi-intensive basis.
- Development of farming methods suitable for local conditions.