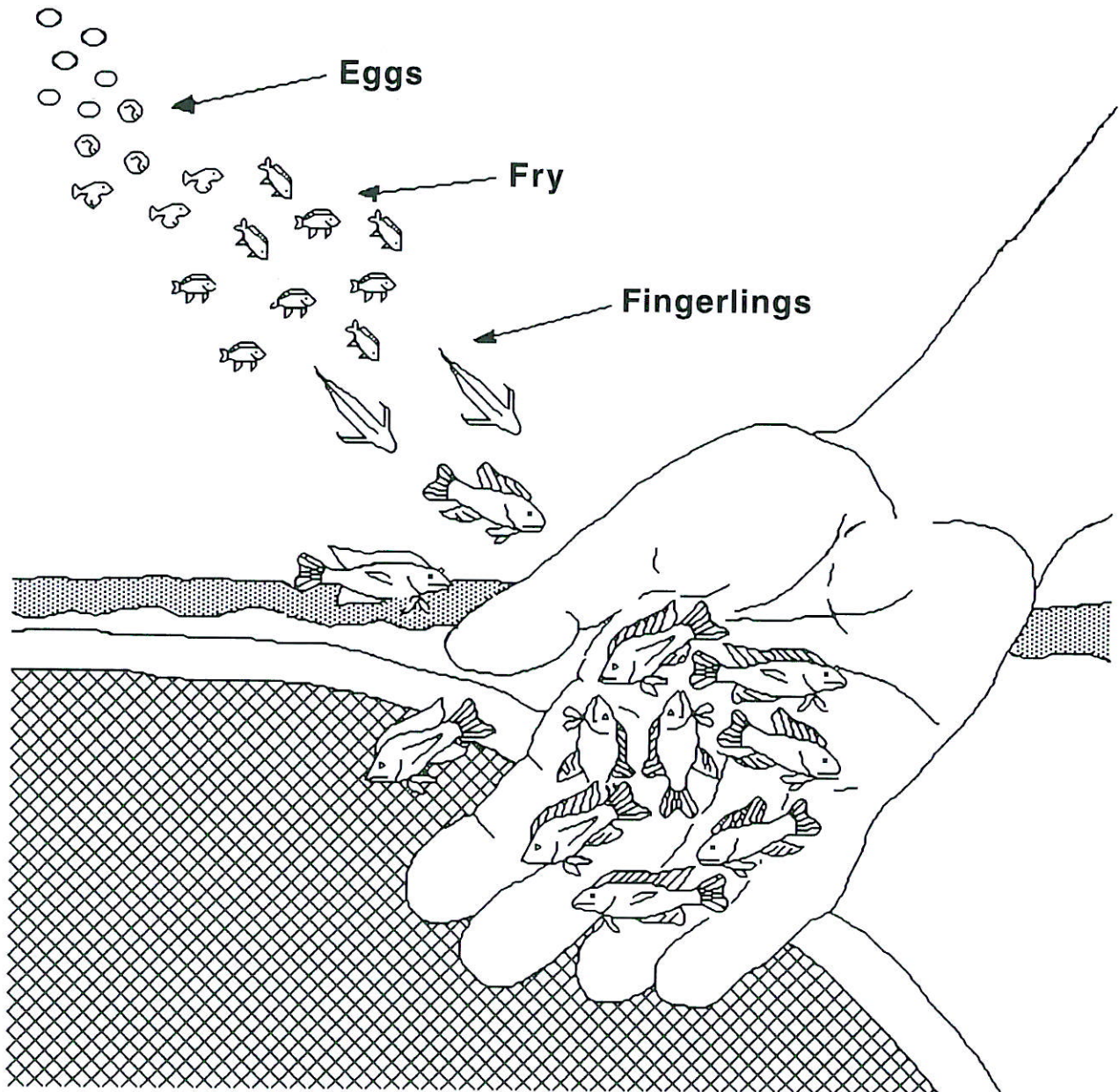

WATER HARVESTING AND AQUACULTURE
FOR RURAL DEVELOPMENT

INTRODUCTION TO *OREOCHROMIS NILOTICUS*
FINGERLING PRODUCTION SYSTEMS



INTERNATIONAL CENTER FOR AQUACULTURE
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INTRODUCTION

Fish culture is an important component of many rural development projects in areas suffering from protein shortages. *Oreochromis niloticus* is often chosen for its good cultural characteristics. However, an adequate supply of fingerlings is not always available through established hatcheries. Farmers can produce their own tilapia fingerlings for sale or culture using one or more of the methods introduced in this publication.

FACILITIES FOR FINGERLING PRODUCTION

Tilapia fingerlings are most widely produced in ponds. However, net enclosures called hapas, aquaria and tanks made of wood, fiberglass, metal, plastic or concrete are also used. Choice of facility will depend on available resources and the demand for fingerlings.

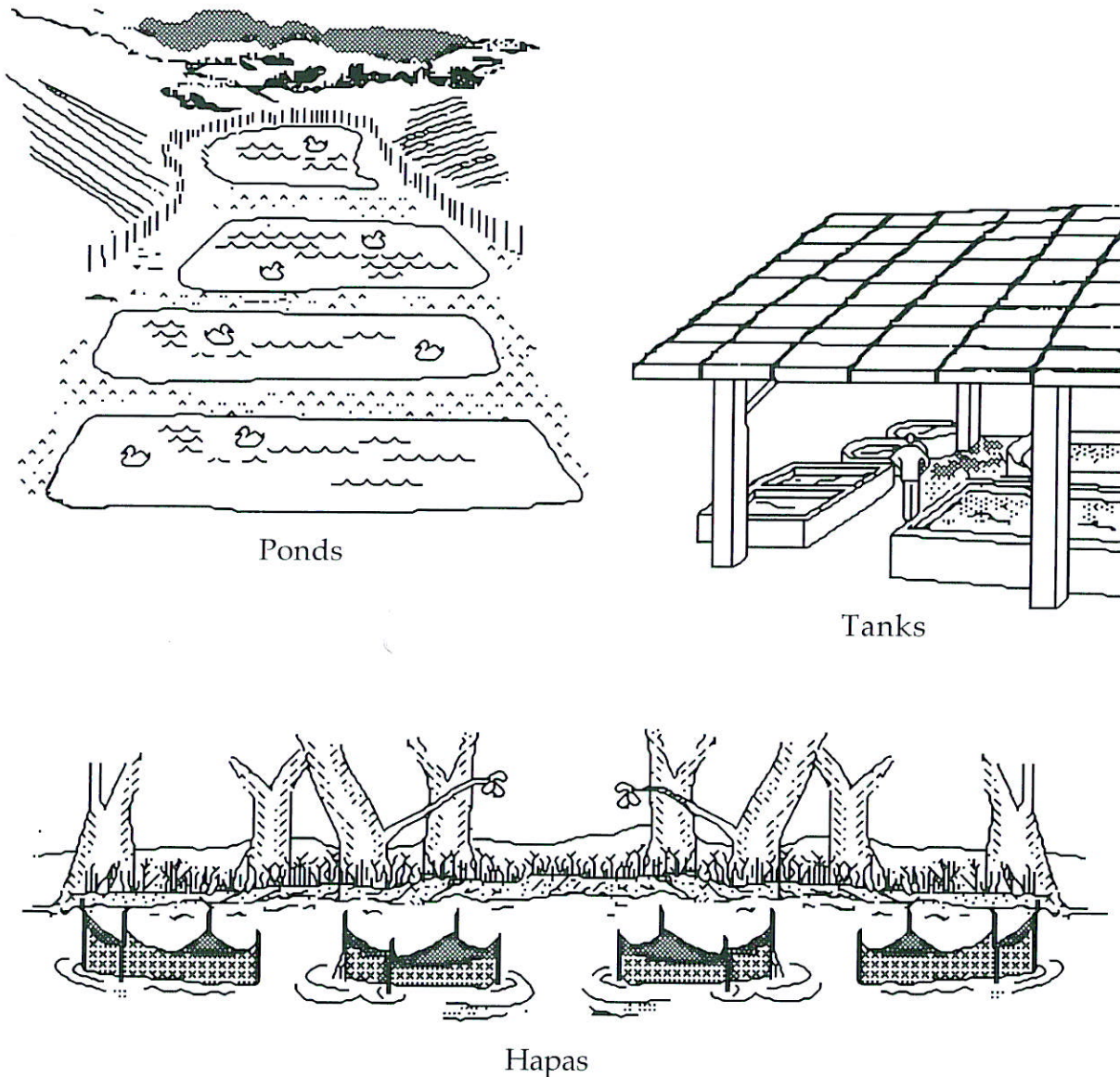


Figure 1: Various facilities used for producing tilapia fry and fingerlings.