

GENETICS OF SALT RESISTANCE ON SOME EGYPTIAN FISH STRAINS

BY

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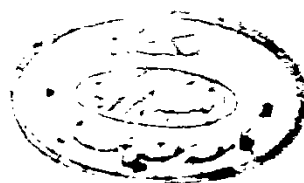
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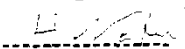
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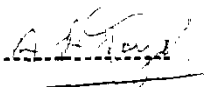
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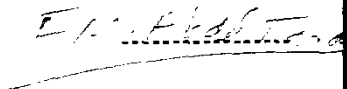
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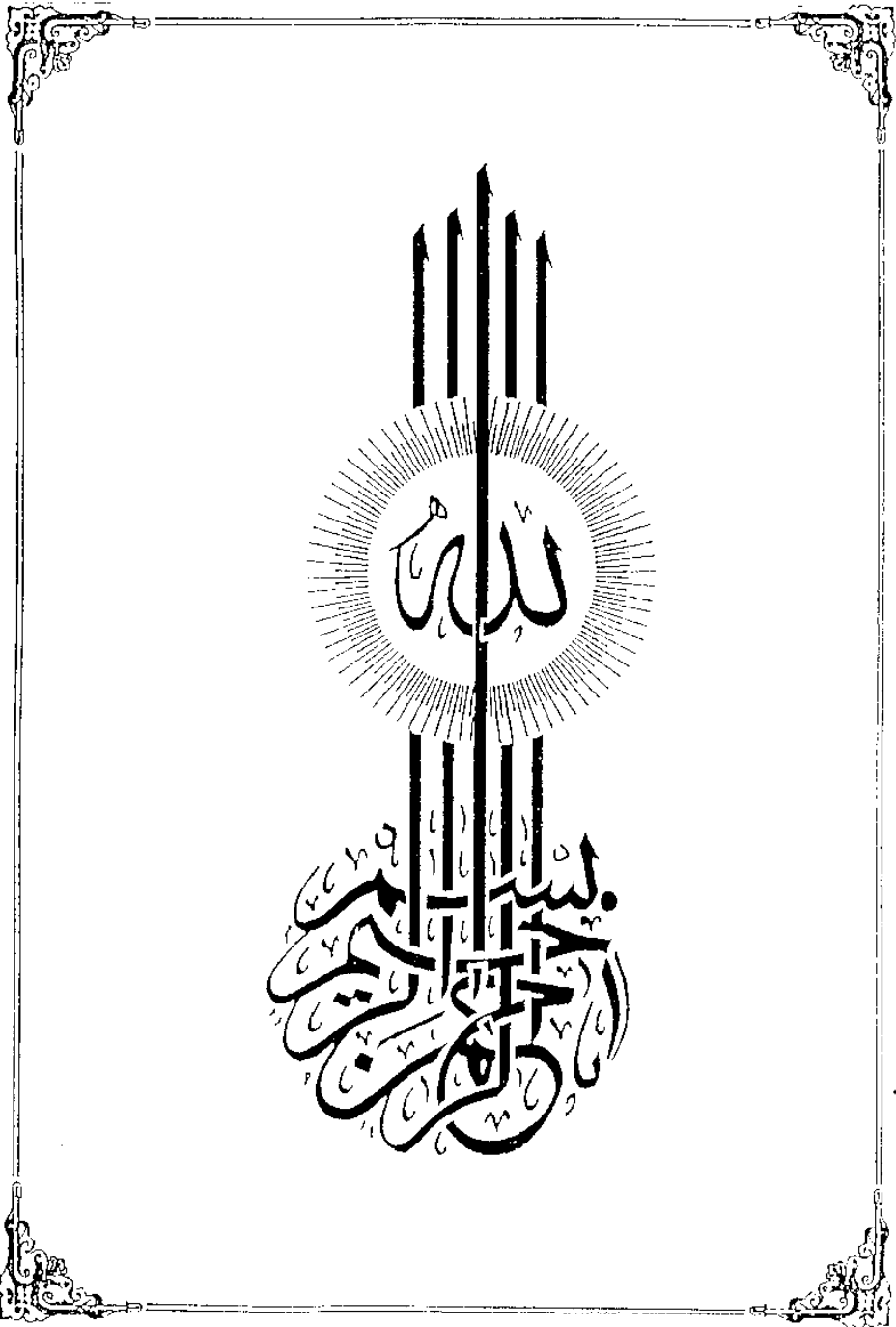
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ABSTRACT

Genetics studies of salinity resistance of some Egyptian fish strains were conducted by using different techniques of electrophoresis. The fish species included four species of *Tilapia* and two species of mullets which were collected from different locations with different salinity levels from Egypt. There were differences in gene expression among the fish species at different salinity. Gene activation was effected by the salinity levels.

Key words

Fish, Salinity, . locations .SDS electrophoresis, Esterase . Peroxidase, Lactate dehydrogenase, Creatin kinase .

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INTRODUCTION