TABLE OF CONTENTS

PART I - SELECTION DIFFERENTIALS	1
Policansky, D. Fishing as a cause of evolution in fishes.	2
Rijnsdorp, A. D. Selection differentials in male and female North Sea plaice and changes in maturation and fecundity.	19
Horwood, J. Growth and fecundity changes in flatfish.	37
Rowell, C. A.The effects of fishing on the timing of maturity in North Sea cod (Gadus morhua L.)	44
Sharov, A.F. and A.V. Zubchenko. Influence of human activity on properties of Atlantic salmon populations	62
PART II - REACTION NORMS	71
Reznick, D. N. Norms of reaction in fishes.	72
Nelson, K. Individual variation in acquisition/allocation reaction norms.	91
Hutchings, J.A. Reaction norms for reproductive traits in brook trout and their influence on life history evolution affected by size-selective harvesting.	107
PART III - SELECTION RESPONSES	127
Smith, R. H., L. A. Linton and R.M. Sibly. Trade-offs and genetic correlations among life-history traits: theory and simulation.	128
Kirkpatrick, M. The evolution of size and growth in harvested natural populations.	145
Law, R. and C. A. Rowell. Cohort-structured populations, selection responses, and exploitation of the North Sea cod.	155
PART IV - MANAGEMENT AND EVOLUTION	175
Grey, D. R. Evolutionarily stable optimal harvesting strategies.	176
Getz, W. M. and V. Kaitala. Ecogenetic analysis and evolutionarily stable strategies in harvested populations.	187



LIST OF PARTICIPANTS	263
Brown, J. S. and A. O. Parman. Consequences of size-selective harvesting as an evolutionary game.	248
Stokes, T. K. and S. P. Blythe. Size-selective harvesting and age-at-maturity. II: real populations and management options.	232
Blythe, S. P. and T. K. Stokes. Size-selective harvesting and age-at-maturity. I: some theoretical implications for management of evolving resources.	222
Cury, P. Catastrophe-type regulation of pelagic fish stocks: adaptive management for evolving resources	204