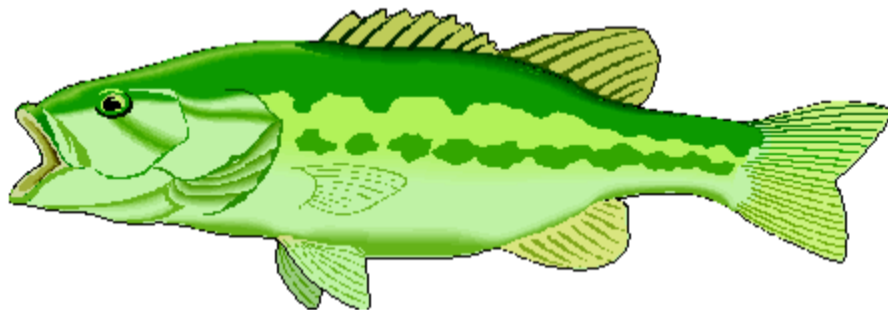


"GUTSHOP '96"

***Feeding Ecology  
and Nutrition in Fish  
Symposium Proceedings***

**Don MacKinlay  
Karl Shearer**



*International Congress on the Biology of Fishes*  
San Francisco State University July 14-18, 1996.

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## PREFACE

Twenty years have passed since the first GUTSHOP was held in Astoria, Oregon in October 1976. Although I don't have access to the proceedings from GUTSHOP 76, I was able to obtain those from GUTSHOP 78 in which there were 26 papers grouped into the following topics :

Methodology and Taxonomy	6	Competition	5
Statistical Analysis	7	Modeling	2
Trophic Structure	6		

As I prepare this brief introduction to GUTSHOP 96 there have been 31 oral and poster papers submitted which have been placed into the following categories:

Gut Morphology and Digestion	7	Feeding Ecology	8
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Based on the titles of the papers submitted in 1996 it appears that modeling and methodology still represent major areas of interest on the other hand, there appears to have been a reduction in the number of studies examining the taxonomy of food organisms and conversely, an increased interest in digestion. The titles this year also include nutrition papers that cover both food (natural prey and field studies) and feed (artificial diets and controlled laboratory experiments).

Finally, while earlier GUTSHOPS consisted primarily of contributions of local origin, GUTSHOP 96 as part of the International Congress on the Biology of Fishes, truly reflects the international interest in "Fish Food Habits Studies".

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Don MacKinlay

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## **Gut Morphology and Digestion**



## **Modeling and Methodology**

## **Feeding Ecology**

## **Nutrition**