



**G. M. SELBY & ASSOCIATES, INC.**

---

**Sunny Isles  
Artificial Reef Monitoring Project  
Sixteenth Quarterly Report - September, 1995**

**PREPARED FOR**

**DADE COUNTY DEPARTMENT OF  
ENVIRONMENTAL RESOURCE MANAGEMENT**

# TABLE OF CONTENTS

<b>I. SUMMARY</b>	1
<b>A. FISH &amp; MOTILE INVERTEBRATES</b>	1
1. Number of Individuals	1
2. Types and Number of Species	2
3. Correction for Module Size	3
<b>B. INVERTEBRATES &amp; PLANTS</b>	3
1. Types and Number of Individuals	4
2. Correction for Size	4
<b>II. INTRODUCTION</b>	6
<b>III. FIELD METHODS</b>	6
<b>A. INVERTEBRATES</b>	6
<b>B. PHOTOGRAPHIC AND VISUAL SURVEYS</b>	7
<b>C. FISHES</b>	7
<b>IV. STATISTICAL METHODS</b>	8
<b>A. STANDARD PARAMETRIC ANALYSES OF STUDY SITES</b>	8
<b>B. DIVERSITY INDICES</b>	8
<b>V. STATISTICAL ANALYSIS</b>	9
<b>A. FISHES AND MOTILE INVERTEBRATES</b>	9