

INTRODUCTION

This map shows 522 km² of Scotian Shelf benthic habitat, located on the Scotian Shelf off the coast of Nova Scotia. It includes a detailed view of the Scotian Shelf and a map of the Scotian Shelf region. The Scotian Shelf is a large, shallow, continental shelf extending from the coast of Nova Scotia westward to the edge of the continental shelf. It is characterized by a wide, flat expanse of soft-bottom sediments, primarily mud and silt, with scattered sand and gravel patches. The Scotian Shelf is a rich and diverse ecosystem, supporting a wide variety of marine life, including fish, shellfish, and benthic invertebrates. The Scotian Shelf is also a major source of commercial fish and shellfish for the Atlantic coast of Canada. The Scotian Shelf is a dynamic environment, shaped by a variety of geological and biological processes. The Scotian Shelf is a complex and diverse ecosystem, and its study is essential for understanding the health and sustainability of the Scotian Shelf ecosystem.

OCEANOGRAPHY

The Scotian Shelf is a dynamic environment, shaped by a variety of geological and biological processes. The Scotian Shelf is a complex and diverse ecosystem, and its study is essential for understanding the health and sustainability of the Scotian Shelf ecosystem. The Scotian Shelf is a major source of commercial fish and shellfish for the Atlantic coast of Canada. The Scotian Shelf is a dynamic environment, shaped by a variety of geological and biological processes. The Scotian Shelf is a complex and diverse ecosystem, and its study is essential for understanding the health and sustainability of the Scotian Shelf ecosystem.

MORPHOLOGY

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BIOTIC DATA

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BYCATCH ANALYSIS

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BENTHIC HABITAT

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RESULTS

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CONCLUSIONS

The Scotian Shelf is a dynamic environment, shaped by a variety of geological and biological processes. The Scotian Shelf is a complex and diverse ecosystem, and its study is essential for understanding the health and sustainability of the Scotian Shelf ecosystem. The Scotian Shelf is a major source of commercial fish and shellfish for the Atlantic coast of Canada. The Scotian Shelf is a dynamic environment, shaped by a variety of geological and biological processes. The Scotian Shelf is a complex and diverse ecosystem, and its study is essential for understanding the health and sustainability of the Scotian Shelf ecosystem.

DESCRIPTIVE NOTES

Statistical analysis
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ACKNOWLEDGMENTS

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REFERENCES

Canadian Hydrographic Service, 1987. Marine Resource Chart 1516A. Fisheries Department of the Environment, Ottawa, Ontario, Canada.
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LEGEND

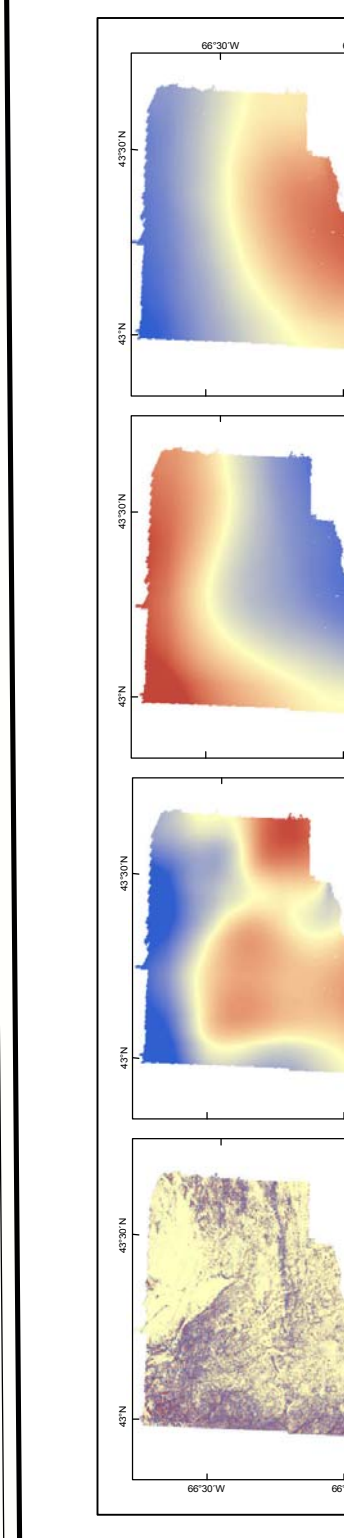
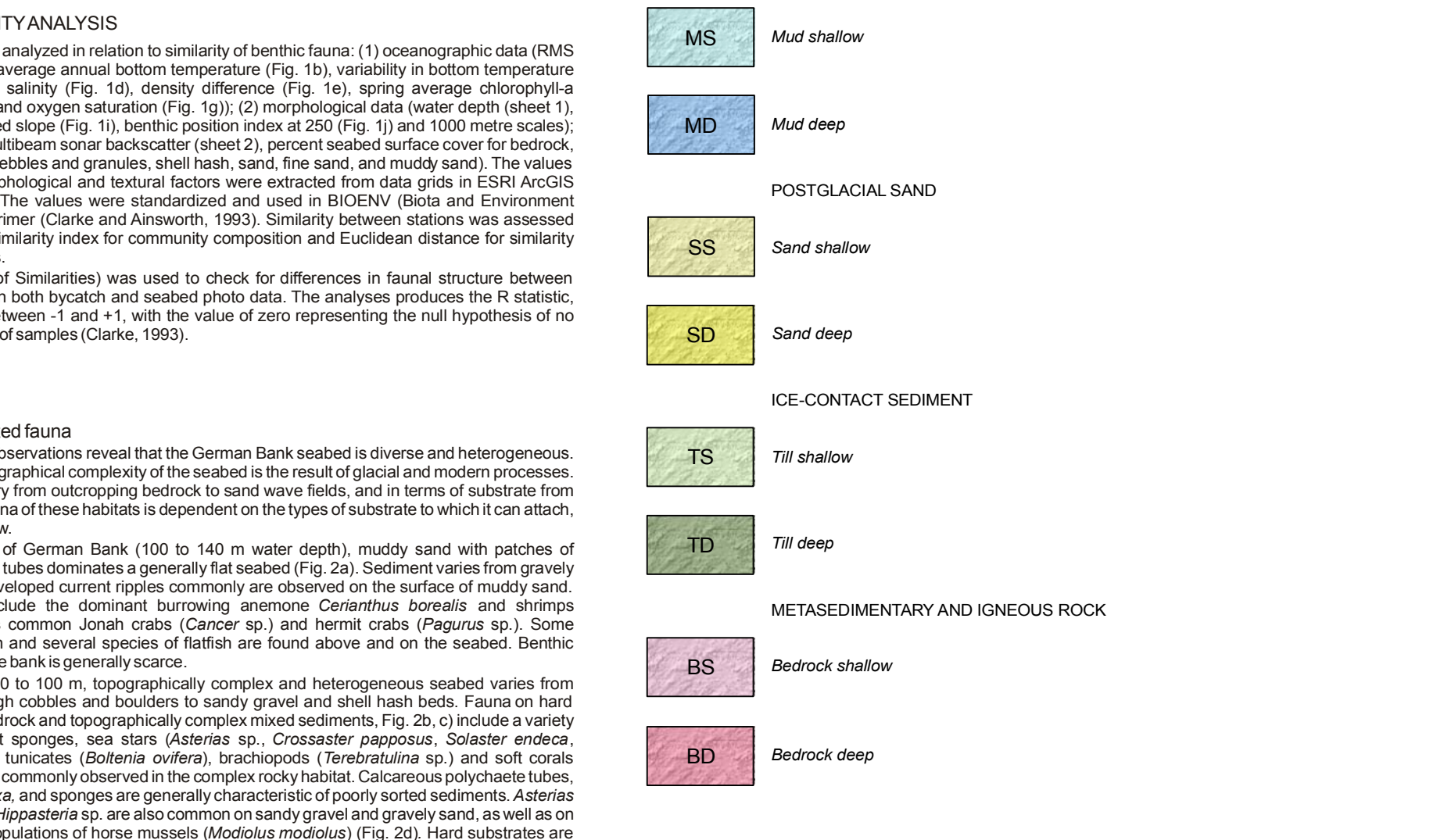


Table 1. BICEV analysis of benthic habitat data. The table shows the relationship between physical variables and benthic habitat data. The variables include Oxygen saturation, Water depth, Sand cover, Cobble and boulder cover, Shell hard cover, Turf cover, Sealed slope, BPT 25, BPT 50, BPT 100, BPT 150, BPT 200, BPT 250, BPT 300, BPT 350, BPT 400, BPT 450, BPT 500, BPT 550, BPT 600, BPT 650, BPT 700, BPT 750, BPT 800, BPT 850, BPT 900, BPT 950, BPT 1000.

Figure 1. Scotian Shelf bathymetry and benthic habitat distribution. The figure consists of a grid of 12 panels (A-L) showing bathymetry contours and benthic habitat distribution. Panels A, B, and C show bathymetry contours at 100m, 200m, and 300m depths, respectively. Panels D, E, and F show benthic habitat distribution at 100m, 200m, and 300m depths, respectively. Panels G, H, and I show benthic habitat distribution at 400m, 500m, and 600m depths, respectively. Panel J shows a detailed view of the Scotian Shelf benthic habitat distribution.