

Common Coastal Plants in Florida

A Guide to Planting and Maintenance



Edited by Michael R. Barnett and David W. Crewz



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Principal Editors
Michael R. Barnett and David W. Crewz

Produced by
The Florida Sea Grant Salt-Tolerant
Vegetation Advisory Panel

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TABLE OF CONTENTS

	Page
TABLE OF FIGURES	v
PREFACE	vii
ACKNOWLEDGEMENTS	viii
 SECTION I. SYNOPSES OF COASTAL PLANT COMMUNITIES OF FLORIDA	
BEACH AND DUNE COMMUNITIES	1
MARINE WETLANDS COMMUNITIES	4
 SECTION II. PLANTING AND MAINTENANCE GUIDELINES	
GUIDELINE CATEGORY DESCRIPTIONS	8
 GUIDELINES	
<i>Avicennia germinans</i> - Black Mangrove	17
<i>Borrchia frutescens</i> - Sea Ox-eye Daisy	19
<i>Distichlis spicata</i> - Saltgrass	21
<i>Helianthus debilis</i> - Dune Sunflower; Beach Sunflower	23
<i>Ipomoea imperati</i> - Beach Morning-glory	25
<i>Ipomoea pes-caprae</i> - Railroad-vine	27
<i>Iva frutescens</i> - Marsh-elder	29
<i>Iva imbricata</i> - Beach-elder; Dune-elder	31
<i>Juncus roemerianus</i> - Needle Rush; Black Rush	33
<i>Laguncularia racemosa</i> - White Mangrove	35
<i>Panicum amarum</i> - Bitter Panicum; Beach Panicgrass	37
<i>Paspalum vaginatum</i> - Salt Jointgrass; Seashore Paspalum	39
<i>Rhizophora mangle</i> - Red Mangrove	41
<i>Spartina alterniflora</i> - Smooth Cordgrass	43
<i>Spartina patens</i> - Marsh-hay; Saltmeadow Cordgrass	45
<i>Sporobolus virginicus</i> - Seashore Dropseed	47
<i>Uniola paniculata</i> - Sea-oats	49
 RELEVANT LITERATURE	 51

SECTION III. PLANT ILLUSTRATIONS AND COLOR PLATES

ILLUSTRATIONS 59
COLOR PLATES 90
PHOTO CREDITS 100

SECTION IV. APPENDIX

ADDITIONAL COASTAL PLANT SPECIES 101
GLOSSARY 105
COMMERCIAL SOURCES OF SALT-TOLERANT VEGETATION IN FLORIDA 109

FIGURES

Figure Number	Page
1. Sand dune profile	2
2. Salt marsh profile	5
3. Fringe mangrove profile	7
4. Low-temperature zones in Florida	10
5. <i>Rhizophora mangle</i> branch tip	59
6. <i>Avicennia germinans</i> branch tip	60
7. <i>Laguncularia racemosa</i> branch tip	61
8. <i>Conocarpus erecta</i> branch tip (not discussed in guidelines)	62
9. Mangrove leaf comparisons	63
10. <i>Ipomoea pes-caprae</i> branch tip	64
11. <i>Ipomoea imperati</i> branch tip	65
12. Trailing-vine leaf comparison (includes Bay-bean)	66
13. <i>Helianthus debilis</i> subspecies <i>vestitus</i> branch tip	67
14. <i>Helianthus debilis</i> subspecies stem comparison	68
15. <i>Borrichia frutescens</i> branch tip	69
16. <i>Borrichia frutescens</i> rhizome pattern	70
17. <i>Iva frutescens</i> branch tip	71
18. <i>Iva imbricata</i> branch tip	72
19. <i>Iva</i> species flower-head comparison	73
20. <i>Juncus roemerianus</i>	74
21. <i>Distichlis spicata</i>	75
22. <i>Distichlis spicata</i> inflorescence	76
23. <i>Paspalum vaginatum</i>	77
24. <i>Sporobolus virginicus</i>	78
25. <i>Spartina alterniflora</i>	79
26. <i>Spartina patens</i>	80
27. <i>Panicum amarum</i>	81
28. <i>Uniola paniculata</i> rhizome	82
29. <i>Uniola paniculata</i> inflorescence	83
30. Spikelet comparison (<i>Paspalum</i> , <i>Distichlis</i> , <i>Sporobolus</i>)	84
31. Spikelet comparison (<i>Spartina</i> species)	85
32. Spikelet comparison (<i>Panicum</i> , <i>Uniola</i>)	86
33. <i>Distichlis spicata</i> ligule detail	87

34. <i>Paspalum vaginatum</i> ligule detail	88
35. <i>Sporobolus virginicus</i> ligule detail	89

PREFACE

In 1983, the Florida Sea Grant Extension Program organized salt-tolerant vegetation experts from industry, government, and the extension program into a working panel. Since then, the members of the Salt-Tolerant Vegetation Advisory Panel have worked diligently to improve communications between the various agencies and industries involved in efforts to restore coastal habitats in Florida. This publication represents the fulfillment of one of the advisory panel's major goals — to produce an introductory guide to habitat design, planting, and maintenance of selected marsh, mangrove, and dune plant species.

This publication consists of four sections. The first section provides a brief summary of coastal habitats in Florida. The second section contains the planting and maintenance guidelines. Illustrations and color plates are provided in the third section to aid in species identification and differentiation. A glossary of terms is provided in an appendix along with information on other coastal plant species not detailed in this report.

Substantial variation exists in the style in which the common names of many coastal plant species are presented in publications. To maintain consistency throughout this publication, the common names used follow the rules set forth in the Council of Biological Editor's Style Manual. For instance, sea-oats is hyphenated since it is not a true "oat."

Although the information in this publication should be very helpful to readers who have had limited experience with salt-tolerant vegetation, simply following the guidelines presented here will not guarantee a successful planting. In fact, some guidelines may need to be modified to meet differences in plant community structure or the desired plant application. The inexperienced planter should always contact an accredited consultant before planning or beginning a planting of salt-tolerant vegetation.

A list of commercial establishments that stock coastal plant species is included at the end of this publication. However, this list is not a complete compilation of all the sources of these species, and a periodic update of this list will be prepared by the Florida Sea Grant Program. Inquiries or comments about the list may be addressed to the Florida Sea Grant Program, Building 803, University of Florida, Gainesville, FL 32611. The inclusion of a commercial source on this list does not constitute an endorsement of the firm by the Florida Sea Grant College Program or the Florida Cooperative Extension Service.

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Final editing of this publication was performed by Michael R. Barnett, Sydney T. Bacchus, David W. Crewz, Jay Humphreys (Florida Sea Grant), and John M. Stevely. Outside review was provided by Dr. David W. Hall (Herbarium, University of Florida), Dr. Margaret O. Hall (Florida Marine Research Institute), Dr. Robin B. Huck (Division of Recreation and Parks, Florida Department of Natural Resources), and Paden E. Woodruff III (Division of Beaches and Shores, Florida Department of Natural Resources). Marilyn L. Little (Florida Sea Grant) assisted with final text preparation.

Plant illustrations were prepared by Melanie B. Trexler (Oxford, Mississippi) with the technical assistance of David W. Crewz. David Crewz designed and drafted the habitat profiles as well. Color photographs were provided by Michael R. Barnett, Steve Beeman, Otto M. Bundy, David W. Crewz, Kerry Dressler, Walter S. Judd (Botany Department, University of Florida), Roy R. Lewis III, and William J. Weber (private consultant).

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