

About This Document

Editors' Acknowledgements: This document was prepared and printed with support from the National Oceanic and Atmospheric Administration (NOAA) through the Coral Reef Conservation Program (CRCP). Layout and design was provided by Thierry Work, US Geological Survey (USGS), Sylvia Galloway and Cheryl Woodley, NOAA/National Centers for Coastal Ocean Science/Center for Coastal Environmental Health and Biomolecular Research (NOAA/NCCOS/CCEHBR). The text was prepared and edited by the Workshop Participants, with final production edits provided by Sylvia Galloway.

Photo Credits:

Images of coral specimens were provided by: Thierry Work, Kathy Price, Dana Williams, Molly Billmyre, Ernesto Weil, Debbie Santavy, Andy Bruckner, Esther Peters and Robert Jonas.

Photomicrographs were captured, by the Workshop Participants during the group discussions, from histological slides provided by Shawn McLaughlin from NOAA's International Registry of Coral Pathology (IRCP) collection.

Meeting photographs were provided by: James Nicholson and Sylvia Galloway.

Cover Design: James Nicholson, Medical University of South Carolina, Department of Pathology and Laboratory Medicine

Coral Illustrations: Jennifer Clark, Jennifer Clark Scientific Illustrations

Workshop Group Photo: James Nicholson, Medical University of South Carolina, Department of Pathology and Laboratory Medicine

Citation –

Please cite this report as follows:

Galloway SB, Work TM, Bochsler VS, Harley RA, Kramarsky-Winters E, McLaughlin SM, Meteyer CU, Morado JF, Nicholson JH, Parnell PG, Peters EC, Reynolds TL, Rotstein DS, Sileo L, and Woodley CM. 2007. Coral Disease and Health Workshop: Coral Histopathology II. NOAA Technical Memorandum NOS NCCOS 56 and NOAA Technical Memorandum CRCP 4. National Oceanic and Atmospheric Administration, Silver Spring, MD. 84p.

**CORAL DISEASE AND HEALTH WORKSHOP:
CORAL HISTOPATHOLOGY II**

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
GOAL.....	2
PREFACE.....	3
INTRODUCTION	7
<i>STUDY SETS.....</i>	7
<i>ANATOMY OF CORALS</i>	8
<i>FIGURE LEGENDS.....</i>	10
<i>HISTOPATHOLOGICAL EXAMINATION.....</i>	20
<i>RECOMMENDED FORMAT</i>	21
CONSENSUS HISTOPATHOLOGY DESCRIPTIONS	22
<i>Slide 1.....</i>	22
<i>Slide 2.....</i>	24
<i>Slide 3.....</i>	26
<i>Slide 4.....</i>	28
<i>Slide 5.....</i>	30
<i>Slide 6.....</i>	32
<i>Slide 7.....</i>	34
<i>Slide 8.....</i>	36
<i>Slide 9.....</i>	38
<i>Slide 10.....</i>	40
<i>Slide 11.....</i>	42
<i>Slide 12.....</i>	44
<i>Slide 13.....</i>	46
<i>Slide 14.....</i>	48
<i>Slide 15.....</i>	50
SUMMARY	52

RECOMMENDATIONS.....	54
ACKNOWLEDGEMENTS	55
GLOSSARY.....	57
REFERENCES.....	77
AGENDA	80
WORKSHOP PARTICIPANTS	82