

FLORIDA STATE UNIVERSITY
EARTH, OCEAN, AND ATMOSPHERIC SCIENCES

INVESTIGATING PARTICLE SIZE-FLUX RELATIONSHIPS AND THE BIOLOGICAL
PUMP ACROSS A RANGE OF PLANKTON ECOSYSTEM STATES FROM COASTAL TO
OLIGOTROPHIC

By
CHRISTIAN FENDER

A Thesis submitted to the
Department of Earth, Ocean, and Atmospheric Sciences
in partial fulfillment of the
requirements for the degree of
Masters of Science

2022

Christian Fender defended this thesis on August 24, 2022.

The members of the supervisory committee were:

Michael R. Stukel
Professor Directing Thesis

Sven A. Kranz
Committee Member

Olivia Mason
Committee Member

Markus H. Huettel
Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the thesis has been approved in accordance with university requirements.