## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS & SCIENCES

## QUANTIFYING SPATIOTEMPORAL VARIABILITY IN ZOOPLANKTON DYNAMICS IN THE GULF OF MEXICO USING A PHYSICAL-BIOGEOCHEMICAL MODEL

 $\mathbf{B}\mathbf{y}$ 

## TAYLOR A. SHROPSHIRE

A Thesis submitted to the
Department of Earth, Ocean & Atmospheric Science
in partial fulfillment of the
requirements for the degree of
Master of Science

Taylor A. Shropshire defended this thesis on April 17, 2019.

The members of the supervisory committee were:

Michael Stukel

**Professor Co-Directing Thesis** 

Eric Chassignet

**Professor Co-Directing Thesis** 

Steven Morey

Committee Member

Sven Kranz

Committee Member

Nicholas Cogan

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