## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

## ECOLOGICAL AND EVOLUTIONARY DYNAMICS OF INBREEDING AND OUTBREEDING IN A SPERMCASTING INVERTEBRATE

By

KEVIN C. OLSEN

A Dissertation submitted to the Department of Biological Science in partial fulfillment of the requirements for the degree of Doctor of Philosophy Kevin C. Olsen defended this dissertation on June 30, 2021.

The members of the supervisory committee were:

Don R. Levitan

Professor Directing Dissertation

Peter Beerli

University Representative

Scott C. Burgess

Committee Member

Joseph Travis

Committee Member

Alice A. Winn

Committee Member

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