FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

THE FATE OF NITROGEN-FIXING AND NON-NITROGEN-FIXING STRAINS OF THE SYMBIOTIC BACTERIUM SINORHIZOBIUM MELILOTI IN ROOT NODULES OF HOST MEDICAGO SPECIES

By

AMANPREET KAUR BRAR

A Thesis submitted to the Department of Biological Science in partial fulfillment of the requirements for the degree of Master of Science

Amanpreet Kaur Brar defended this thesis on July 7, 2020.	
The members of the supervisory committee were:	
	Y 1 3 4 7
	Kathryn M. Jones
	Professor Directing Thesis
	Hank W. Bass
	Committee Member
	M. Elizabeth Stroupe
	Committee Member
	Janie Wulff
	Committee Member
	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.