

CONTENTS

<i>ABSTRACTS</i>	I
<i>LIST OF FIGURES</i>	X
<i>LIST OF TABLES</i>	XII
<i>LIST OF ABBREVIATIONS</i>	XIV
<i>INTRODUCTION</i>	1
<i>OBJECTIVES</i>	24
CHAPTER 1: Tetraploid citrus progenies arising from FDR and SDR unreduced pollen in 4x x 2x hybridizations. <i>Tree Genetics & Genomes</i> (2017) 13:10.	29
CHAPTER 2: Unreduced Megagametophyte Production in Lemon Occurs via Three Meiotic Mechanisms, Predominantly Second-Division Restitution. <i>Frontiers in Plant Science</i> (2017) doi: 10.3389/fpls.2017.01211.	53
CHAPTER 3: Doubled diploid ‘Mexican’ lime display preferential disomic segregation compatible with interploid crosses origin of <i>C. Latifolia</i> and <i>C. aurantifolia</i> triploid limes. <i>Annals of Botany</i>. Submitted	76
<i>GENERAL DISCUSSION</i>	105
<i>CONCLUSIONS</i>	115
<i>LITERATURE CITED</i>	118