

Contents

1	General introduction	6
2	Evolution of Microbial Markets	15
3	Partner selection in the mycorrhizal mutualism	33
4	Elevated and depressed CO ₂ may have contrasting effects on host plant ability to favour high-quality symbionts over multiple generations	43
5	Order of Arrival Structures Arbuscular Mycorrhizal Colonisation of Plants	59
6	Specialised mutualistic services or providing it all? The evolution of division of labour among mutualistic symbionts	77
7	A single evolutionary innovation drives the deep evolution of symbiotic N ₂ -fixation in angiosperms.	97
8	Evolutionary signals of symbiotic persistence in the legume-rhizobia mutualism	115
9	General conclusion and synthesis	135
	Appendices	155
	Bibliography	175
	Summary	205
	Samenvatting	209
	Acknowledgements	213
	Curriculum Vitae	221
	Affiliations co-authors	226