

CONTENTS

ACKNOWLEDGEMENTS	Pages
I. INTRODUCTION	1-18
II. AIMS AND OBJECTIVES	19
III. MATERIALS AND METHODS	20-26
IV. GEOLOGY, PHYSIOGRAPHY OF DECCAN TRAP, MANDLA DISTRICT AND FOSSIL FLORA OF THE AREA	27-33
V. PALAEOFLORESTIC DESCRIPTIONS	34-66
1. <i>Palmoxylon blanfordi</i> Schenk	34-35
2. <i>Palmoxylon mandlaensis</i> Lakhanpal et al.	36-38
3. <i>Palmoxylon dilacunosum</i> Ambwani	39-41
4. <i>Palmoxylon arecoides</i> sp. nov.	42-45
5. <i>Rhizopalmoxylon macrorhizon</i> Bonde et al.	46-49
6. <i>Mahabalea phoenicoides</i> sp. nov.	50-54
7. <i>Palmacites umariense</i> sp. nov.	55
8. <i>Ailanthoxylon indicum</i> Prakash et al.	56-59
9. <i>Elaeocarpoxyton ghughuensis</i> Awasthi et al.	60-62
10. <i>Euphorbiocarpon drypeteoides</i> Mehrotra et al.	63-66
VI. PALAEOENVIRONMENT AND PHYTOGEOGRAPHY	67-70
VII. SUMMARY AND CONCLUSIONS	71-72
VIII. REFERENCES	73-110