

List of Figures

Figure	Page no
1. Fractionation of ethanol extract from <i>P. daemia</i> (Flow diagram)	45
2. Fractionation of methanol extract from <i>B. montanum</i> (Flow diagram)	45
3. Photographs of <i>P. daemia</i>	76
4. Photographs of <i>B. montanum</i>	77
5. Microscopy of transverse sections of <i>P. daemia</i>	80
6. Microscopy of transverse sections roots of <i>B. montanum</i>	81
7. Powder microscopy of aerial parts of <i>P. daemia</i>	83
8. Powder microscopy of aerial parts of <i>B. montanum</i>	83
9. Photomicrographs representing effect of EE and AE against CCl ₄ -induced hepatotoxicity in rats	96
10. Photomicrographs representing effect of ME and AE against CCl ₄ -induced hepatotoxicity in rats	98
11. Photomicrographs representing effect of EE and EFEE against CCl ₄ -induced hepatotoxicity in rats	103
12. Photomicrographs representing effect of ME and MFME against CCl ₄ -induced hepatotoxicity in rat	107
13. Photomicrographs representing effect of EE and EFEE against paracetamol-induced hepatotoxicity in rats	111
14. Photomicrographs representing effect of ME and MFME against paracetamol-induced hepatotoxicity in rats	115
15. Photomicrographs representing effect of EE and EFEE against thioacetamide-induced hepatotoxicity in rats	119
16. Photomicrographs representing effect of ME and MFME against thioacetamide-induced hepatotoxicity in rats	123

17. Photomicrographs representing effect of AFEFEE and EFEFEE against CCl ₄ -induced hepatotoxicity in rats	126
18. Photomicrographs representing effect of EMKMFME and MFMFME against CCl ₄ -induced hepatotoxicity in rats	130
19. Photomicrographs representing effect of AFEFEE and EFEFEE against paracetamol-induced hepatotoxicity in rats	134
20. Photomicrographs representing effect of EMKMFME and MFMFME against paracetamol-induced hepatotoxicity in rats	137
21. Photomicrographs representing effect of AFEFEE and EFEFEE against thioacetamide-induced hepatotoxicity in rats	142
22. Photomicrographs representing effect of EMKMFME and MFMFME against thioacetamide-induced hepatotoxicity in rats	146
23. IR spectrum of PD1	174
24. The mass spectrum of PD1	177
25. ¹ H NMR spectrum of PD1	178
26. ¹³ C NMR spectrum of PD1	180
27. ¹³ C NMR spectrum of PD1 (resolved 1)	181
28. ¹³ C NMR spectrum of PD1 (resolved 2)	182
29. ¹³ C DEPT NMR spectrum of PD1	184
30. HSQC NMR spectrum of PD1	185
31. DQF COSY NMR spectrum of PD1	187
32. NOESY NMR spectrum of PD1	188
33. HMBC spectrum of PD1	190
34. IR spectrum of BM1	194
35. ¹ H NMR spectrum of BM1	196
36. ¹³ C NMR spectrum of BM1	197
37. HPTLC fingerprint of <i>P. daemia</i>	200
38. HPTLC fingerprint of <i>B. montanum</i>	202