

List of Tables

<u>Contents</u>	<u>Page No.</u>
Table 1: Pollen class and dimensions of the three species of <i>Datura</i> showing P (polar) and E (equatorial) dimensions in μm with polar and equatorial ratios	48
Table 2: Pollen of three species of <i>Datura</i> showing outline view (P- Polar; E- Equatorial)	48
Table 3: Pollen of three species of <i>Datura</i> showing characteristics of exoaperture and endoaperture	48
Table 4: Seasonal variation of protein concentration in the pollen of <i>Datura metel</i>	70
Table 5: SDS-PAGE protein profile of the pollen of <i>Datura metel</i>	72
Table 6: Molecular weight of the proteins of <i>Datura metel</i> in different fractions obtained by gel filtration	76
Table 7: Allergenic proteins of <i>Datura metel</i> and their molecular weights	78
Table 8: Protein concentration in the pollen of <i>Datura stramonium</i>	82
Table 9: SDS-PAGE protein profile of the pollen of <i>Datura stramonium</i>	83
Table 10: Molecular weight of the proteins of <i>Datura stramonium</i> in different fractions obtained by gel filtration	87
Table 11: Allergenic proteins of <i>Datura stramonium</i> and their molecular weights	89
Table 12: Protein Concentration of the pollen of <i>Datura inoxia</i>	92
Table 13: SDS-PAGE protein profile of the pollen of <i>Datura inoxia</i>	93
Table 14: Molecular weights of the proteins of <i>Datura inoxia</i> in different fractions obtained by gel filtration	97
Table 15: Allergenic proteins of <i>Datura inoxia</i> and their molecular weights	99
Table 16: Proteins showing cross-reactivity between <i>Datura metel</i> and <i>Datura inoxia</i>	106
Table 17: Proteins showing cross-reactivity between <i>Datura metel</i> and <i>Datura stramonium</i>	109

Table 18: Proteins showing cross-reactivity between <i>Datura stramonium</i> and <i>Datura inoxia</i>	112
Table 19: Comparative Protein concentration of the pollen of <i>Datura metel</i> , <i>Datura inoxia</i> and <i>Datura stramonium</i>	114
Table 20: Comparative SDS-PAGE protein profile of the pollen of the 3 species of <i>Datura</i>	116
Table 21: Comparative study of cross reactivity showing common allergenic proteins among the pollen of three species of <i>Datura</i>	118