

List of Plates

Plate No.	Caption	After page No
1.	A photograph showing effect of NaCl salinity (Control, 25, 50, 100 and 200 mM NaCl) on growth and development of <u>C. roseus</u> G.Don. Plants. (4 replicates).	- 83
2.	A photograph showing the influence of NaCl salinity (Control, 25, 50, 100 and 200 mM NaCl) on growth and development of <u>C. roseus</u> G.Don. plants.	- 83
3.	A photograph showing the influence of 25 mM NaCl salinity on growth and development of <u>C. roseus</u> G.Don. (1:Control, 2: 25 mM NaCl)	- 83
4.	A photograph showing the influence of 50 mM NaCl salinity on growth and development of <u>C.roseus</u> .G.Don. (1:Control, 3:50 mM NaCl).	- 83
5.	A photograph showing the influence of 100 mM NaCl salinity on growth and development of <u>C. roseus</u> G.on. (1:Control, 4:100 mM NaCl).	- 83
6.	A photograph showing the influence of 200 mM NaCl salinity on growth and development of <u>C roseus</u> . G.Don. (1:Control,5:200 mM NaCl).	- 83
7.	A photograph of TLC showing the effect of NaCl salinity on the composition of alkaloids in the roots of <u>C. roseus</u> . G.Don. (1:Control, 2:50 mM, 3; 100 mM, 4:200 mM and 5: 300 mM NaCl).	- 119
8.	A photograph of TLC showing the effect of NaCl salinity on the composition of alkaloids in the leaves of <u>G. roseus</u> . G.Don. (1:control, 2: 50 mM, 3:100 mM, 4:200 mM and 5: 300 mM NaCl).	- 119

Plate No.	Caption	After page No
9.	A photograph of PMC of <u>C. roseus</u> G.Don. showing 8 bivalents of chromosomes.	- 153
10.	A photograph of PMC of <u>C. roseus</u> G.Don. showing metaphasic arrangement of chromosomes.	- 153
11.	A photograph of PMC of <u>C. roseus</u> G.Don. showing anaphasic arrangement of chromosomes.	- 153
