

LIST OF PLATES

PLATE NO.	LEGEND
1A	Orthogalumna terebrantis
1B	Neochetina bruchi
1C	Neochetina eichhorniae
1D	District maps of Tirunelveli and Tuticorin
1E	River Tamirabarani
2	Stages of Water hyacinth weevil
2E	Neochetina eichhorniae
2F	Neochetina bruchi
2G	Neochetina bruchi – Male
2H	Neochetina bruchi – Female
2I	Weevil – Head
2J	Weevil – Leg
3A	Water hyacinth leaves scrapped by weevils
3B	Linear galleries formed by mite
3C	Pond snail feeding on water hyacinth
3D	Olfactometer
4	Experimental set ups
5A	Pond I at Alwarkurichi during September 2001
5B	Pond I at Alwarkurichi during December 2001
5C	Pond I at Alwarkurichi during February 2002
5D	Pond I at Alwarkurichi during March 2002
5E	Pond I at Alwarkurichi during May 2002
5F	Pond I at Alwarkurichi during September 2002
6A	Pond I at Alwarkurichi during February 2003
6B	Pond I at Alwarkurichi during April 2003
7A	Plants stunted due to extensive feeding by weevil

7B	Plants upturned due to feeding by grass carp
8A	Water hyacinth introduced in Pond II at Alwarkurichi
8B	Pond II at Alwarkurichi during December 2001
8C	Pond II at Alwarkurichi during May 2002
8D	Pond II at Alwarkurichi during September 2002
8E	Pond II at Alwarkurichi during February 2003
8F	Pond II at Alwarkurichi during February 2003
9A	Pond II at Alwarkurichi during April 2003
9B	Pond II at Alwarkurichi during April 2003
9C	Plants in the control pond at Pottalputhur
10A	Quadrat Sampling
10B	Quantitative analysis of water hyacinth growth parameters
10C	Nainarkulam Pond at Keelacheval during October 2001
10D	Nainarkulam Pond at Keelacheval during November 2001
10E	Nainarkulam Pond at Keelacheval during December 2001
10F	Nainarkulam Pond at Keelacheval during December 2001
11A	Nainarkulam Pond at Keelacheval during February 2002
11B	Nainarkulam Pond at Keelacheval during March 2002
11C	Nainarkulam Pond at Keelacheval during April 2002
12A	Nainarkulam Pond at Keelacheval during May 2002
12B	Nainarkulam Pond at Keelacheval during January 2003
12C	Nainarkulam Pond at Keelacheval during April 2003
13A	Keelathachankulam pond at Keelacheval during January 2002
13B	Keelathachankulam pond at Keelacheval during January 2003