

## LIST OF PLATES

Plate No.	Title
1a	Kalpani Beel
1b	Supervisor (Middle), moholdar (Right) and Research student (Left)
2a	Manas river at Indo-Bhutan broder (Mothonguri)
2b	Chemical analysis of water sample
2c	Water sample collection from Kalpani Beel
3a	<i>Heteropneustes fossils</i>
3b	<i>Channa striata</i>
3c	<i>Notopterus notopterus</i>
3d	<i>Anabas testudineus</i>
3e	<i>Catla catla</i>
3f	<i>Labeo rohita</i>
3g	<i>Labeo calbasu</i>
3h	<i>Tetradon cutcutia</i>
4a	<i>Nymphaea alba</i>
4b	<i>Lasia spinosa</i>
4c	<i>Oxalis corymbosa</i>
4d	<i>Ipomoea fistula</i>
4e	<i>Monochoria hastate</i>
4f	<i>Wolfia arrhiza</i>
5a	<i>Eichhornia crassipes</i>
5b	<i>Hydrilla verticillata</i>
5c	<i>Ipomea aquatica</i>
5d	<i>Nymphaea rubra</i>
5e	<i>Pistia stratiotes</i>
5f	<i>Trapa natans</i>
6a	Poster of AAS at NEHU (SAIF), Shillong
6b	Phytoplankton collection from Kalpani Beel

- 6c *Hydrilla verticillata* plant
- 6d Extraction of plant pigment using Soxhlet apparatus
- 7Aa Rice bran (dry)
- 7Ab Mustard oil cake (dry)
- 7Ac Soyabean meal (dry)
- 7Ad Dry fish
- 7Ae Silkworm pupa
- 7Af Dry meat
- 7Bg *Hydrilla verticillata* plant (Dry)
- 7Bh Zincovit tablet
- 8a CD formulated fish food
- 8b H30 formulated fish food
- 8c H40 formulated fish food
- 8d H50 formulated fish food
- 9a Experimental fish food: CD, H30, H40 and H50 (dry)
- 9b Proximate composition analysis of fish foods
- 10a Soxhlet apparatus
- 10b Muffle furnace
- 10c & d Testing fish feed in aquarium fish
- 10e Testing H40 feed in aquarium fish
- 10f *Labeo rohita* taking feed