

LIST OF PLATES/ MAPS

Plate No.	Caption
Map I	Satellite image showing collection localities in the present study as white circles
I	Flowers representing Tribe Commelineae and Tradescantieae
Morphology	
II	<i>Amishscototype mollissima</i> , <i>Belosynapsis vivipara</i> , <i>Callisia fragrans</i> , <i>C. repens</i> , <i>Cyanotis axillaris</i> .
III	<i>Commelina diffusa</i> , <i>C. benghalensis</i> , <i>C. kurzii</i> , <i>C. paludosa</i> and <i>C. subulata</i>
IV	<i>Commelina suffruticosa</i> , <i>C. adscendens</i> , <i>C. concannensis</i> , <i>C. fasciculata</i> and <i>C. tuberosa</i>
V	<i>Floscopa scandens</i> , <i>Murdannia brownii</i> , <i>M. crocea</i> ssp. <i>ochracea</i> , <i>M. dimorpha</i> , <i>M. edulis</i> and <i>M. jopnica</i>
VI	<i>Murdannia lanuginosa</i> , <i>M. nudiflora</i> , <i>M. semiteres</i> , <i>M. spirata</i> .
VII	<i>Murdannia versicolor</i> , <i>Rhopalephora scaberrima</i> , <i>Tradescantia pallid</i> , <i>T. spathacea</i> and <i>T. zebrina</i> .
Anatomy	
VIII	T. S. of leaf and Stem of <i>Commelina paludosa</i>
IX	V.S. leaf and T. S stem and root of <i>Cyanotis fasciculata</i> .
X	T.S. leaf of <i>Murdannia edulis</i> , T. S. Stem of <i>Commelina benghalensis</i>
XI	T.S. leaf, stem and root of <i>Murdannia lanuginosa</i> .
XII	Stomatal structure in <i>Commelina paludosa</i> , <i>C. benghalensis</i> , <i>Cyanotis fasciculata</i> , <i>Murdannia lanuginosa</i> <i>M. semiteres</i> and <i>M. spirata</i> .
Palynology	
XIII	SEM images of Pollen grains of <i>Cyanotis cristata</i> and <i>M. crocea</i> ssp. <i>ochracea</i>
XIV	SEM images of Pollen grains of <i>Murdannia lanuginosa</i> and <i>M. vaginata</i>
XV	SEM images of Pollen grains of <i>M. brownii</i> , <i>M. versicolor</i> and <i>Commelina benghalensis</i>
Cytology	
XVI	<i>Callisia fragrans</i> , <i>Commelina benghalensis</i> , <i>Cyanotis adscendens</i> , <i>Murdannia semiteres</i> , <i>Rhopalephora scaberrima</i>
Seed morphology	
XVII	SEM images of seed of <i>Murdannia brownii</i>
XVIII	SEM images of seed of <i>Murdannia crocea</i> ssp. <i>ochracea</i>
XIX	SEM images of seed of <i>Murdannia vaginata</i>
XX	SEM images of seed of <i>Murdannia lanuginosa</i>
XXI	Microphotograph of seed of <i>Belosynapsis vivipara</i> , <i>Callisia repens</i> , <i>Commelina benghalensis</i> , <i>C. kurzii</i> and <i>C. subulata</i>
XXII	Microphotograph of seed of <i>Cynotis concannensis</i> , <i>C. cristata</i> , <i>C. fasciculata</i> , <i>Floscopa scandens</i> and <i>Dictyospermum montanum</i>
XXIII	Microphotograph of seed of <i>Murdannia dimorpha</i> , <i>M. japonica</i> , <i>M. lanuginosa</i> , <i>M. pauciflora</i> and <i>Murdannia semiteres</i>
XXIV	Microphotograph of seed of <i>Murdannia nudiflora</i> , <i>M. vaginata</i> , <i>M. brownii</i> , <i>M. simplex</i> , <i>M. spirata</i> , <i>M. versicolor</i> and <i>Rhopalephora</i>