



## Supplementary Material

# Spatial Distribution and Diversity of Bird Communities in District Mardan, Khyber Pakhtunkhwa, Pakistan

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**Supplementary Table I. District Mardan flora (Trees, Shrubs and Herbs) in Urban, Agriculture and Water body.**

	Scientific name	Local name	Urban	Agriculture	Water body
Trees	<i>Acacia modesta</i>	Palosa	-	Yes	Yes
	<i>Vachellia nilotica</i>	Kikar	-	Yes	Yes
	<i>Populus nigra</i>	Sufida	Yes	Yes	Yes
	<i>Eucalyptus alba</i>	Lachii	Yes	Yes	Yes
	<i>Eriobotrya japonica</i>	Lovekote	Yes	Yes	Yes
	<i>Ailanthus altissima</i>	Spenashandai	Yes	Yes	Yes
	<i>Ficus carica</i>	Enzar	Yes	Yes	Yes
	<i>Diospyrus kaki</i>	ZiarAmlook	Yes	Yes	-
	<i>Ficus palmate</i>	Shari enzar	-	Yes	-
	<i>Saccharam officinarum</i>	Ganay	-	Yes	-
	<i>Psidium guajava</i>	Amrood	Yes	Yes	-
	<i>Juglan regia</i>	Ghoz	Yes	Yes	-
	<i>Justisia adhatoda</i>	Baykanr	-	Yes	-
	<i>Melia azedarach</i>	Tora shandai	Yes	Yes	Yes
	<i>Micromeria biflora</i>	Kshmalay	-	Yes	Yes
	<i>Morus alba</i>	Spentoth	Yes	Yes	Yes
	<i>Morus lavigata</i>	Shatoot	Yes	Yes	Yes
	<i>Morus nigra</i>	Tortooth	Yes	Yes	Yes
	<i>Celtisa australis</i>	Tagha	-	Yes	-
	<i>Cassia nilotica</i>	Palosa	-	Yes	-
	<i>Musa sapientum</i>	Kela	Yes	Yes	Yes
	<i>Nannorrhops ritchieana</i>	Maizaray	-	Yes	-
	<i>Cotoneaster microphylla</i>	Kharawa	-	Yes	-
<i>Cotoneaster nummularia</i>	Mamanra	-	Yes	-	
<i>Ziziphus oxyphylla</i>	Elanai	-	Yes	-	
<i>Zizyphus mauritania</i>	Mrkhanai	-	Yes	-	

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	Scientific name	Local name	Urban	Agriculture	Water body
Shrubs	<i>Saccharum spontaeum</i>	Durma	-	Yes	Yes
	<i>Fimbristylis squarrosa</i>	Barwaza	-	Yes	Yes
	<i>Nerium oleander</i>	Ganderay	-	Yes	Yes
	<i>Nerium indicum</i>	Ganderay	-	Yes	-
	<i>Galium aparine</i>	Jeshay	-	Yes	Yes
	<i>Onopordum acanthium</i>	Wrejakai	-	Yes	-
	<i>Alisma plantago aquatic</i>	GhwaJabay	-	Yes	Yes
	<i>Artemisia maritime</i>	Tarkha	-	Yes	Yes
	<i>Carraluma tuberculata</i>	Pamankay	-	Yes	-
	<i>Buddleja crispa</i>	Sperapanray	-	Yes	-
	<i>Veronica polita</i>	Ghonsokay	-	Yes	-
	<i>Fregaria vesica</i>	Strawberry	-	Yes	-
	<i>Colocasia esculantum</i>	Kachaloo	-	Yes	-
	<i>Rosa indica</i>	Gulab	Yes	Yes	Yes
	<i>Trifolium alexandrinum</i>	Shaftal	-	Yes	Yes
	<i>Nonea lutea.</i>	Lashabotay	-	Yes	-
	<i>Cannabis sativa</i>	Bung	Yes	Yes	Yes
	<i>Onopordium acanthium</i>	Wrejakai	-	Yes	-
	<i>Indigofera gerardiana</i>	Ghoureja	-	Yes	-
	Herbs	<i>Iris germanica</i>	Gulezumbaq	Yes	Yes
<i>Calotropis procera</i>		Spalmai	-	Yes	-
<i>Vicia monantha</i>		MarghayKhpa	-	Yes	-
<i>Withania somnifera</i>		Kotilal	-	Yes	Yes
<i>Xanthium strumarium</i>		Jeshkay	-	Yes	-
<i>Euphorbia helioscopia.</i>		Arbay	-	Yes	Yes
<i>Euphorbia prostrate</i>		Arbay	-	Yes	Yes
<i>Allium griffithianum</i>		Ogai	-	Yes	-
<i>Cynodon dactylon</i>		Kabal	Yes	Yes	Yes
<i>Carthamus lanatus</i>		Kariza	Yes	Yes	Yes
<i>Brassica campestris</i>		Shersum	-	Yes	Yes
<i>Brassica napus</i>		Teper	-	Yes	Yes
<i>Alnusnitida</i>		Geray	-	Yes	-
<i>Vicia hirsuta,</i>		Arware	-	Yes	Yes
<i>Cajanus indicus</i>		Herher	-	Yes	Yes
<i>Chara schweinitzii</i>		Obray	-	-	Yes
<i>Cymbella asper</i>		Gawagpanry	-	-	Yes
<i>Solanum nigrum</i>		Kamachoo	-	Yes	-
<i>Verbascum thapsus</i>		Kharghwag	-	Yes	Yes
Crops		<i>Oxalic corniculata</i>	Trewaki	Yes	Yes
	<i>Rumex crispus</i>	Shalhi	Yes	Yes	Yes
	<i>Triticum aestivum</i>	Gandam	-	Yes	-
	<i>Zea mays</i>	Juwar	-	Yes	-
	<i>Saccharum officinarum</i>	Gani	-	Yes	-
	<i>Oryza sativa</i>	Roji	-	Yes	-
	<i>Nicotiana tabacum</i>	Tambako	-	Yes	-

(Yes) representing presence; (-) representing absence of species