

ANNEXTURE-VI
“STUDIES ON THE HUMAN IMPACT ON THE
MANGROVE BIODIVERSITY OF COASTAL MAHARASHTRA”.

FIELD DATA SHEET

| | | | | | | | |
|-----------------------------|-----------------------------------|-------------|----------------|-------------|-------------|-------------|-------------|
| Site | | | Village | | | | |
| | | | : | | | | |
| Day & Date | | | Time : | | | | |
| Physical features: | | | | | | | |
| Temperature | | | | | | | |
| Cloud cover | | | | | | | |
| Precipitation | | | | | | | |
| Biological features: | | | | | | | |
| Vegetation | | | | | | | |
| | | | | | | | |
| Faunal diversity | | | Status | | | | |
| Mammals | Scientific name | Mang | Coast | M.F. | R.F. | Veg. | S.D. |
| Common Palm Civet | <i>Paradoxurus hermaphroditus</i> | | | | | | |
| Small Indian Civet | <i>Viverricula indica</i> | | | | | | |
| Common otter | <i>Lutra lutra</i> | | | | | | |
| Smooth Indian otter | <i>Lutra perspicillata</i> | | | | | | |
| Bonnet monkey | <i>Macaca radiata</i> | | | | | | |
| Hanuman langur | <i>Presbytis entellus</i> | | | | | | |
| Common Mongoose | <i>Herpestes edwardsi</i> | | | | | | |
| Small Indian Monoose | <i>Herpestes auropunctatus</i> | | | | | | |
| Jackal | <i>Canis aures</i> | | | | | | |
| Hare | <i>Lepus nigricolis</i> | | | | | | |

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|------------------------|-------------------------------|-------------|--------------|-------------|-------------|-------------|-------------|
| Indian Flying Fox | <i>Pteropus giganteus</i> | | | | | | |
| Painted Bat | <i>Kerivoula picia</i> | | | | | | |
| Shortnosed Fruit Bat | <i>Cynopterus sphinx</i> | | | | | | |
| Common Yellow Bat | <i>Scotophilus heathi</i> | | | | | | |
| Tickll's Bat | <i>Hesperoptenus tickelli</i> | | | | | | |
| Three striped squirrel | <i>Fundibulus palmarum</i> | | | | | | |
| Five striped squirrel | <i>Funambulus penati</i> | | | | | | |
| Grey Musk Srew | <i>Suncus murinus</i> | | | | | | |
| Indian Musk Shrew | <i>Anathana ellioti</i> | | | | | | |
| Bandicoot Rat | <i>Bandicota indica</i> | | | | | | |
| Porcupine | <i>Hystrix indica</i> | | | | | | |
| Indian Field Rat | <i>Mus booduga</i> | | | | | | |
| Dolphin | <i>Delphinus dephis</i> | | | | | | |
| Reptiles | Scientific Name | Mang | Coast | M.F. | R.F. | Veg. | S.D. |
| March Crocodile | <i>Crocodylus porosus</i> | | | | | | |
| Hacksbill Turtle | <i>Eretmochelys imbricata</i> | | | | | | |
| Green Turtle | <i>Chelonia mydas</i> | | | | | | |
| Olive Redley Turtle | <i>Lepidochelys olivacea</i> | | | | | | |
| Leathery Turtle | <i>Dermochelys coriacea</i> | | | | | | |
| Indian Pond Terrapin | <i>Melanochelys trijuga</i> | | | | | | |
| Brahminy Terrapin | <i>Hardella thurgii</i> | | | | | | |
| Rat Snake | <i>Ptyas mucosus</i> | | | | | | |
| Whip snake | <i>Ahaetulla nasutus</i> | | | | | | |
| Chequerd keelback | <i>Xenochrorophis</i> | | | | | | |

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| | <i>piscator</i> | | | | | | |
| Green keelback | <i>Macropisthodon plumbicolor</i> | | | | | | |
| Trinket | <i>Elaphe helena</i> | | | | | | |
| Sea snake | <i>Enhydrina schistosa</i> | | | | | | |
| Russell's Viper | <i>Vipera russelli</i> | | | | | | |
| Saw Scaled Viper | <i>Echis carinatus</i> | | | | | | |
| Bamboo pit viper | <i>Trimeresurus gramineus</i> | | | | | | |
| Common crait | <i>Bungarus caeruleus</i> | | | | | | |
| Banded crait | <i>Bungarus facitus</i> | | | | | | |
| Indian cobra | <i>Naja naja</i> | | | | | | |
| King cobra | <i>Ophiophagus hannah</i> | | | | | | |
| Common Skink | <i>Mabuya carinata</i> | | | | | | |
| Little Skink | <i>Mabuya macularia</i> | | | | | | |
| Snake Skink | <i>Riopa punctata</i> | | | | | | |
| Common Indian Monitor Lizard | <i>Varanus bengalensis</i> | | | | | | |
| Water Monitor | <i>Varanus salvator</i> | | | | | | |
| Garden Lizard | <i>Calotes versicolor</i> | | | | | | |
| South green Lizard | <i>Calotes calotes</i> | | | | | | |
| FanThroated Lizard | <i>Sitana ponticeriana</i> | | | | | | |
| House Gecko | <i>Hermidactylus flavivirdis</i> | | | | | | |
| Brooks Gecko | <i>Hermidactylus brooki</i> | | | | | | |
| Termite Gecko | <i>Hermidactylus triedrus</i> | | | | | | |
| Rock Gecko | <i>Hermidactylus maculatus</i> | | | | | | |
| Banded Rock Gecko | <i>Cyrtodactylus decanensis</i> | | | | | | |
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| Birds | Scientific Name | Mang. | Coast | M.F. | R.F. | Veg. | S.D. |
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| Wilson's Storm Petrel | <i>Ociannites Ocianites</i> | | | | | | |
| Little Cormorant | <i>Phalacrocorax carbo</i> | | | | | | |
| Indian shag | <i>Phalacrocorax fuscicollis</i> | | | | | | |
| Grey heron | <i>Ardea cinerea</i> | | | | | | |
| Purple heron | <i>Ardea purpurea</i> | | | | | | |
| Large egret | <i>Ardea alba</i> | | | | | - | |
| Little green heron | <i>Ardeola striatus</i> | | | | | | |
| Pond heron | <i>Ardeola grayii</i> | | | | | | |
| Cattle egret | <i>Bubulus ibis</i> | | | | | | |
| Smaller Egret | <i>Egretta intermedia</i> | | | | | | |
| Little egret | <i>Egretta garzetta</i> | | | | | | |
| Indian reef heron | <i>Egretta gularis</i> | | | | | | |
| Night Heron | <i>Nycticorax nycticorax</i> | | | | | | |
| Chestnut Bittern | <i>Ixobrychus cinnamomeus</i> | | | | | | |
| Yellow Bittern | <i>Ixobrychus sinensis</i> | | | | | | |
| Black necked stork | <i>Ephippiorhynchus asiaticus</i> | | | | | | |
| Glossy ibis | <i>Plegadis falcinellus</i> | | | | | | |
| Pintail | <i>Anus acuta</i> | | | | | | |
| Garganey | <i>Anus querquedula</i> | | | | | | |
| Black Kite | <i>Milvus migranus</i> | | | | | | |
| Brahminy kite | <i>Haliastur indus</i> | | | | | | |
| Shikra | <i>Accipiter badius</i> | | | | | | |
| Sparrow hawk | <i>A. nisus</i> | | | | | | |
| Basra sparrow hawk | <i>A. virgatus</i> | | | | | | |
| Buzzard | <i>Buteo buteo</i> | | | | | | |
| W. bellied sea eagle | <i>Haliaeetus</i> | | | | | | |

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| | <i>leucogaster</i> | | | | | | |
| Long billed Vulture | <i>Gyps Indicus</i> | | | | | | |
| White backed vulture | <i>G. bengalensis</i> | | | | | | |
| Montagu's Harrier | <i>Circus pygargus</i> | | | | | | |
| Marsh Harrier | <i>C. aeruginosus</i> | | | | | | |
| Osprey | <i>Pandion haliaetus</i> | | | | | | |
| Whitelegged Falconet | <i>Microhierax melanoleucos</i> | | | | | | |
| Blue B. Banded Rail | <i>Rallus striatus</i> | | | | | | |
| Spotted Crane | <i>Porzana porzana</i> | | | | | | |
| Ruddy Crane | <i>P. fusca</i> | | | | | | |
| White b. Waterhen | <i>Amaurornis phoenicurus</i> | | | | | | |
| Coot | <i>Fulica atra</i> | | | | | | |
| Bronzwinged Jacana | <i>Metopidius indicus</i> | | | | | | |
| Oystercatcher | <i>Haematopus ostralegus</i> | | | | | | |
| Painted snipe | <i>Rostratula benghalensis</i> | | | | | | |
| Black winged stilt | <i>H. Himantopus</i> | | | | | | |
| Avocet | <i>Recurvirostra avocetta</i> | | | | | | |
| Crab plover | <i>Dromas ardeola</i> | | | | | | |
| Great Stone Plover | <i>Esacus magnirostris</i> | | | | | | |
| Collared Pratincole | <i>Glareola pratincola</i> | | | | | | |
| Small Indian Pratincole | <i>G. lactea</i> | | | | | | |
| Redwattled lapwing | <i>Vanellus indicus</i> | | | | | | |

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| Greg Plover | <i>Pluvialis sqatarola</i> | | | | | | |
| Large sand plover | <i>Charadrius leschenaultii</i> | | | | | | |
| Little Ringed Plover | <i>C. dubicus</i> | | | | | | |
| Kentish Plover | <i>C. alexandrinus</i> | | | | | | |
| Lesser Sand Plover | <i>C. mongolus</i> | | | | | | |
| Whimbrel | <i>Numenius phacopus</i> | | | | | | |
| Blacktailed Godwit | <i>Limosa limosa</i> | | | | | | |
| Bartailed Godwit | <i>L. lapponica</i> | | | | | | |
| Black headed gull | <i>Larus brunnicephalus</i> | | | | | | |
| Brownheaded gull | <i>L. ridibundus</i> | | | | | | |
| Solitary Snipe | <i>Gallinago solitaria</i> | | | | | | |
| Little Stint | <i>Calidris minuta</i> | | | | | | |
| Common Redshank | <i>Tringa totanus</i> | | | | | | |
| Greenshank | <i>T. nebularia</i> | | | | | | |
| Spotted green shank | <i>T. guttifer</i> | | | | | | |
| Green Sandpiper | <i>T. ochropus</i> | | | | | | |
| Broadbilled Sandpiper | <i>Limicola falcinallus</i> | | | | | | |
| Little Stint | <i>Calidris minuta</i> | | | | | | |
| Temminck's Stint | <i>C. temminckii</i> | | | | | | |
| Whiskered tern | <i>Chidonias hybrida</i> | | | | | | |
| Gullbellied tern | <i>Gelochelidon nilotica</i> | | | | | | |
| Brown winged tern | <i>Sterna anaethetus</i> | | | | | | |
| Little Tern | <i>S. albifrons</i> | | | | | | |
| Koel | <i>Eudynamys scolopacea</i> | | | | | | |
| Brown Fishowl | <i>Bubo zeylonensis</i> | | | | | | |
| Jungle Owlet | <i>Glaucidium radiatum</i> | | | | | | |
| Spotted Owlet | <i>Athene brama</i> | | | | | | |

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| Large white rumped swift | <i>Apus pacificus</i> | | | | | | |
| House Swift | <i>Apus affinis</i> | | | | | | |
| Palm swift | <i>Cypsiurus parvus</i> | | | | | | |
| Lesser pied kingfisher | <i>Ceryle rudis</i> | | | | | | |
| Common kingfisher | <i>Alcedo atthis</i> | | | | | | |
| Storkbilled Kingfisher | <i>Pelargopsis capensis</i> | | | | | | |
| White throated kingfisher | <i>Halcyon smyrnensis</i> | | | | | | |
| White collared Kingfisher | <i>H. chloris</i> | | | | | | |
| Black drongo | <i>Dicrurus adsimilis</i> | | | | | | |
| Bank Myna | <i>Sturnus pagodarum</i> | | | | | | |
| Indian myna | <i>Acridotheres tristis</i> | | | | | | |
| Small Green Bee-eater | <i>Merops orientalis</i> | | | | | | |
| Common Grey Hornbill | <i>Tockus birostris</i> | | | | | | |
| Malbar Pied Hornbill | <i>Anthracoceros coronatus</i> | | | | | | |
| Great Hill Barbet | <i>Megalaima virens</i> | | | | | | |
| Green Barbet | <i>M.zeylanica</i> | | | | | | |
| Crimson throated Barbet | <i>M. rubricapilla</i> | | | | | | |
| Short-toed Lark | <i>Calandrella cinerea</i> | | | | | | |
| Sand Lark | <i>C. raytal</i> | | | | | | |
| Swallow | <i>Hirundo rustica</i> | | | | | | |
| Roufous backed Shrike | <i>Lanius schach</i> | | | | | | |
| Blue rock Pigeon | <i>Columba livia</i> | | | | | | |

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| Little Brown Dove | <i>Streptoplia senegalensis</i> | | | | | | |
| Ring Dove | <i>S. decaocto</i> | | | | | | |
| Spotted Dove | <i>Streptopelia chinensis</i> | | | | | | |
| Crow Pheasant | <i>Centropus sinensis</i> | | | | | | |
| Rose ring Parakeet | <i>Psittacula crameri</i> | | | | | | |
| Alexandrine Parakeet | <i>P. eupatria</i> | | | | | | |
| House Crow | <i>Corvus splendens</i> | | | | | | |
| Jungle crow | <i>C. macrorhynchos</i> | | | | | | |
| Black headed cuckoo shrike | <i>Coracina melanoptera</i> | | | | | | |
| Common iora | <i>Aegithinia tiphia</i> | | | | | | |
| Red whiskered bulbul | <i>Pycnonotus jocosus</i> | | | | | | |
| Red vented bulbul | <i>P. cafer</i> | | | | | | |
| Spotted Babler | <i>Pellorneum ruficeps</i> | | | | | | |
| Common Babler | <i>Turdoides caudatus</i> | | | | | | |
| Tickell's Flycatcher | <i>Muscicapa tickelliae</i> | | | | | | |
| Streaked Fantail Warbler | <i>Cisticola juncidis</i> | | | | | | |
| Franklin's Wren-Warbler | <i>Prinia hodgsonii</i> | | | | | | |
| Ashy wren warbler | <i>P. socialis</i> | | | | | | |
| Plain wren warbler | <i>P. subflava</i> | | | | | | |
| Jungle Wren Warbler | <i>P. sylvatica</i> | | | | | | |
| Taylor Bird | <i>Orthotomus sutorius</i> | | | | | | |
| Tickell's Leaf Warbler | <i>Phylloscopus affinis</i> | | | | | | |
| Indian Robin | <i>Saxicoloides fulicata</i> | | | | | | |

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|-------------------------------|------------------------------------|-------|-------|------|------|------|------|
| Magpie Robin | <i>Capsychus saularis</i> | | | | | | |
| Great Tit | <i>Parus major</i> | | | | | | |
| Water Pipet | <i>Anthus spinoletta</i> | | | | | | |
| Paddyfield Pipet | <i>A. novaeseelandiae</i> | | | | | | |
| Yellowheaded Wagtail | <i>Motacilla citreola</i> | | | | | | |
| Grey Wagtail | <i>M. cineria</i> | | | | | | |
| Large Pied Wagtail | <i>M. maderaspatensis</i> | | | | | | |
| Tickell's Flowerpecker | <i>Dicaeum erythrorhynchos</i> | | | | | | |
| House Sparrow | <i>Passer domesticus</i> | | | | | | |
| White Eye | <i>Zosterops palpebrosa</i> | | | | | | |
| Small Sunbird | <i>Nectarinia minima</i> | | | | | | |
| Purple rumped Sunbird | <i>N. zeylonica</i> | | | | | | |
| Amphibians | Scientific Name | Mang. | Coast | M.F. | R.F. | Veg. | S.D. |
| Common Toad | <i>Bufo melanostictus</i> | | | | | | |
| Indian Bull Frog | <i>Rana tigrina</i> | | | | | | |
| Green Pond Frog | <i>Rana hexadactyla</i> | | | | | | |
| Cricket Frog | <i>Rana limnocharis</i> | | | | | | |
| Skipping Frog | <i>Rana cyanophlyctis</i> | | | | | | |
| Indian Tree frog | <i>Rhacophorus maculatus</i> | | | | | | |
| | | | | | | | |
| Human Impact | | | | | | | |
| Tree cutting | | | | | | | |
| Pouching | | | | | | | |
| Encroachment | | | | | | | |
| Other observations | | | | | | | |
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|-----------------|-------------------|
| mang - Mangrove | R.F.-Rice field |
| M.F. - Mudflat | S.D. - Sand Dunes |
| Veg -Vegetation | |