

ANNEXURE I

Abundance of microbenthic species sighted at Narara and Poshitra coastal reef.

Scientific Name	Narara	Poshitra
Porifera		
<i>Haliclona implexiformis</i>	30.88	17.24
<i>Haliclona sp</i>	18.04	15.27
<i>Haliclona sp</i>	15.29	22.66
<i>Cliothesa delitrix</i>	23.54	18.22
<i>Galiodes sp</i>	2.14	10.34
<i>Suberites sp</i>	10.09	9.35
<i>Callyspongia sp.</i>	0	6.89

Cnidaria: Order- Zoantharia

<i>Palythoa mutukii</i>	54.92	18
<i>Zoanthus sansibaricus</i>	45.07	27.48
<i>Zoanthus sociatus</i>	0	6.63
<i>Zoanthus kuroshio</i>	0	7.58
<i>Zoanthus sp.</i>	0	3.55
<i>Palythoa tuberculosa</i>	0	36.72

Cnidaria: Order- Actiniaria

<i>Heteractis malu</i>	36.34	0
<i>Heteractis magnifica</i>	0	1.31
<i>Heteractis crista</i>	0	22.95
<i>Stichodactyla gigantea</i>	25.10	8.52
<i>Stichodactyla haddoni</i>	24.89	11.14
<i>Stichodactyla tapetum</i>	2	4.26
<i>Aiptasia pulchella</i>	10.44	23.60
<i>Aiptasia daphne</i>	0	4.59
<i>Phymanthus sp.</i>	0	1.31
<i>Anemonia viridis</i>	0	15.40
<i>Anthopleura dixoniana</i>	0	5.90
<i>Cerianthus sp</i>	1.20	0.98

Cnidaria: Subclass- Hexocoralia

<i>Homophyllia bowerbanki</i>	1.662	1.34
<i>Cyphastrea serailia</i>	2.30	1.34
<i>Dipsastraea speciosa</i>	5.88	6.25
<i>Dipsastraea favus</i>	11.50	9.04
<i>Goniopora pedunculata</i>	5.11	9.67
<i>Goniopora niger</i>	4.85	7.93
<i>Montipora foliosa</i>	5.49	0
<i>Montipora sp.</i>	1.02	1.80
<i>Porites lichen</i>	8.31	5.72
<i>Porites lutea</i>	10.99	7.27
<i>Porites solida</i>	0	4.34
<i>Porites compressa</i>	0	2.20
<i>Lobophyllia radians</i>	3.70	2.36
<i>Lobophyllia sp.1</i>	6.13	2.56
<i>Favites bestae</i>	1.15	1.77
<i>Favites complanata</i>	7.92	3.45
<i>Siderastrea savignaya</i>	7.41	2.33
<i>Leptastrea purpuria</i>	3.19	0
<i>Duncanopsammia peltata</i>	2.17	17.67
<i>Turbineria reniformis</i>	0	2.79
<i>Platygyra sinesis</i>	2.30	1.21
<i>Psudosiderastrea tyami</i>	1.27	0.427
<i>Goniastrea pectinata</i>	4.34	2.76
<i>Parycyathus stokessi</i>	3.19	1.61
<i>Plesiastrea versipora</i>	0	0.49
<i>Tubastrea aurea</i>	0	0.03

<i>Sinuleria sp.</i>	0	0.59
<i>Dendronephthya sp.</i>	0	0.09

Arthropoda: Subphylum- Crustacea

<i>Scylla serrata</i>	14.83	0
<i>Austruca lactea</i>	8.47	0
<i>Austrucasp.</i>	4.66	0
<i>Atergatis integerrimus</i>	2.96	6.07
<i>Pilumnus vespertilio</i>	13.98	20.56
<i>Menippe rumphi</i>	5.50	5.60
<i>Portunus pelagicus</i>	19.06	7.94
<i>Thranita crenata</i>	7.20	9.34
<i>Grapsus albolenatus</i>	0	7.94
<i>Actaea savignii</i>	0	0.46
<i>Cardisoma</i>	0	35.51
<i>Camposcia retussa</i>	0	0.93
<i>Demania sp.</i>	1.69	1.86
<i>Ancylocaris brevicarpalis</i>	19.91	1.86
<i>Alpheus sp.</i>	1.69	0
<i>Alpheus lobidens</i>	0	1.86

Mollusca: Class- Gastropoda

<i>Chiton sp.</i>	2.47	5.55
<i>Trochus niloticus</i>	9.06	8.33
<i>Trochus radiatus</i>	0	5.34
<i>Turbo intercoastalis</i>	13.07	8.11
<i>Erronea onyx</i>	4.00	3.84
<i>Lunella coronata</i>	5.53	0
<i>Turbo bruneus</i>	10.24	5.98
<i>Turritella terebra</i>	0	2.99
<i>Aplysia sp</i>	4.72	0
<i>Tabia fusus</i>	0	2.13
<i>Biplex pulchra</i>	0	4.70
<i>Chicureus brunneus</i>	0	6.19
<i>Umbonium vestiarium</i>	22.96	2.99
<i>Gyrinum natator</i>	6.12	0
<i>Pollia undosa</i>	5.41	0
<i>Dorida fanniculata</i>	0	4.48
<i>Nerita oryzae</i>	0	5.98
<i>Murex sp.</i>	0.94	3.20
<i>Murex sp. 1</i>	0	1.49
<i>Murex brunneus</i>	0	4.70
<i>Natica picta</i>	2.23	0
<i>Bursa granularis</i>	5.30	10.68
<i>Nassarius olivacea</i>	2.70	0
<i>Gibbula swanstoni</i>	4.35	0
<i>Nerita chamaeleon</i>	3.18	0
<i>Nerita oryzae</i>	2.35	0

<i>Cerithium morus</i>	0	3.84
<i>Cerithium scabridum</i>	0	2.56
<i>Teloscopium telescopium</i>	0	4.70
<i>Cymatium pileare</i>	0	2.13

Mollusca: Order- Nudibranchia

<i>Joruna funebris</i>	10.13	41.77
<i>Hypselodoris infucata</i>	1.35	0
<i>Elysia tomentosa</i>	5.40	0
<i>Peltdoris murrea</i>	1.35	0
<i>Sakuraeolis gujaratica</i>	0	17.08
<i>Phidiana militaris</i>	0	5.69
<i>Trinchesia yamasui</i>	0	0.63

Echinodermata

<i>Ophioplocus imbricus</i>	43.57	30.60
<i>Asterina sp</i>	19.26	36.06
<i>Laganum depressum</i>	1.83	1.51
<i>Holothuria scbra</i>	30.96	31.81
<i>Salmacis bicolor</i>	4.35	0

Pisces

<i>Allanbatracus grunniens</i>	17.77	28
<i>Neotrygon kuhlii</i>	6.11	0
<i>Mugil cephalus</i>	5	16
<i>Plotosus lineatus</i>	6.11	0

<i>Epinephelus coioides</i>	26.11	24
<i>Epinephelus malabaricus</i>	6.66	0
<i>Halichoeres nigrescens</i>	6.66	0
<i>Tetrodon lineatus</i>	12.22	20
<i>Blenniella sp.</i>	13.33	12