

## APPENDIX-I

### List of marine/estuarine invertebrates of Uttara Kannada

#### Phylum Porifera (sponges)

- Leucosolenia* like sp : Rare, from Dhareshwar beach  
*Aplysina* like sp (yellow sponge) : At many rocky beaches

#### Phylum Coelenterata

- Metridium* sp. (sea anemone) : At many rocky beaches  
*Zoanthus* sp. : Scanty; rocky beaches of Dhareshwar & Kasarkod  
*Cerianthus* sp. : Very rare, rocky beach, Dhareshwar

#### Phylum Annelida

- Neries* spp. : Rare; rocky beaches  
Tubicolous worms : Rocky beaches

#### Phylum Arthropoda

- Balanus* spp. (Rock barnacle) : Widespread on rocky beaches  
*Eupagurus* sp. (Hermit crab) : Rocky sand-filled channels; widespread  
(Kan: *Sanyasi edi*)  
*Paguristes incomitatus* (Hermit crab): Karwar coast, new record (Nayak et al, 2000)  
*Clibannarius padavensis* (H. crab) : -do-  
*C. infraspinatus* (H. crab) : -do-  
*C. arethusa* (H. crab) : -do-  
*C. aequabilis* (H. crab) : -do-  
*Diogenes diogenes* (H. crab) : -do-  
*D. affinis* (H. crab) : -do-  
*D. planimanus* : -do-  
*D. violaceus* (H. crab) : -do-  
*D. miles* (H. crab) : -do-  
*D. sp. A and B* (H. crabs) : New sps under report (Nayak, et al, 2000)  
*D. avarus* (H. crab) : -do-  
*Dardanus setifer* (H. crab) : -do-  
*D. manaarensis* (H. crab) : -do-  
*Pagurus kulkarnii* (H. crab) : -do-  
*Petrolisthes coccineus* (Crab) : Karwar coast -rare (Paul et al, 2000)  
*P. rufescens* (Crab) : -do- First report from India  
*P. boscii* (Crab) : Karwar- first report from Karnataka coast  
*P. lamackii* (Crab) : -do-  
*Porcellana ornata* (Crab) : -do-  
*P. gravelei* (Crab) : -do-

<i>Pachycheles natalensis</i> (Crab)	:	-do-
<i>Polyonyx loimicola</i> (Crab)	:	-do-
<i>Rhapidopus indicus</i> (Crab)	:	-do-
<i>Alpheus</i> sp. A (Prawn)	:	New sp. Karwar coast (Bhuti et al, 2000)
<i>Alpheus</i> sp. B (Prawn)	:	-do-
<i>A. splendidus</i> (Prawn)	:	Karwar coast
<i>A. malabaricus</i> (Prawn)	:	-do-
<i>A. prox. sereni</i> (Prawn)	:	-do-
<i>A. pacificus</i> (Prawn)	:	-do-
<i>A. lobidens</i> (Prawn)	:	-do-
<i>A. edwardsii</i> (Prawn)	:	-do-
<i>A. inopinatus?</i> (Prawn)	:	-do-
<i>Synalpheus</i> sp (Prawn)	:	-do- new report from India
<i>Automate</i> sp. (Prawn)	:	-do- new report from India
<i>Athanas</i> 1 (Prawn)	:	Karwar coast- new report from West Coast
<i>Leanderrites celebensis</i> (Prawn)	:	-do- (Jagadisha et al, 2000)
<i>Palaemon belindae</i> (Prawn)	:	-do-
<i>P. pacificus</i> (Prawn)	:	-do-
<i>P. serrifer</i> (Prawn)	:	-do-
<i>P. debilis</i> (Prawn)	:	-do-
<i>P. semmilinki</i> (Prawn)	:	-do-
<i>Nematopalaemon tenuipes</i> (Prawn)	:	-do-
<i>Macrobrachium equidens</i> (Prawn)	:	-do-
<i>M. idella</i> (Prawn)	:	-do-
<i>M. rosenbergi</i> (Prawn)	:	-do-
<i>Periclimenes andamanensis</i> (Prawn)	:	-do-
<i>P. elegans</i> (Prawn)	:	-do-
<i>P. obscurus</i> (Prawn)	:	-do-
<i>Exhippolysmata ensirostris</i> (Prawn)	:	-do-
<i>Hippolyte ventricosa</i> (Prawn)	:	-do-
<i>Lysmata vittata</i> (Prawn)	:	-do-
<i>Processa barnardi</i> (Prawn)	:	-do-
<i>Philocheras parvirostris</i> (Prawn)	:	-do-

### **Phylum Mollusca**

<i>Haliotis</i> spp.	:	Rare, rocky beach of Dhareshwar
<i>Diodora funiculata</i> (limpet)	:	Rocky beaches
<i>D. lima</i> (limpet) (Kan: <i>Kode chippu</i> )	:	Rare but widespread
<i>D. bombayana</i>	:	Rare, rocky beaches of Dhareshwar & Belekeri
<i>Diadora</i> sp.	:	Rocky beaches
<i>Clypidina notata</i> (limpet)	:	Rocky beaches, rare.
<i>Cellana cernica</i> (limpet)	:	Rocky beaches, Belekeri & Dhareshwar- rare
<i>C. rota</i> (limpet)	:	Rocky beaches, bellikeri & Dhareshwar
<i>C. radiata radiata</i>	:	Rocky beach, Dhareshwar
<i>Euchelus asper</i>	:	Rocky beach, Dhareshwar - rare.

<i>Nerita albicilla</i>	: Rocky beaches, rare but widespread
<i>N. dombeyi</i>	: Rocky beaches of Kumta, Dhareshwar- rare.
<i>N. leguillovana</i>	: Rocky beach, Kumta- rare
<i>N. pulchella</i>	: Rocky beaches- widespread
<i>N. polita</i>	: Rocky beaches of Kumta, Dhareshwar- rare
<i>N. plicata</i>	: Rocky beach of Dhareshwar -rare
<i>Littorina undulata</i>	: Many rocky beaches- rare
<i>Nodlittornia pyramidalis pyramidalis</i>	: Many rocky beaches
<i>Planaxis sulcatus</i>	: Many rocky beaches
<i>Cerithium siphonatum</i>	: Rocky beaches- rare
<i>C. clypemorus</i>	: Many rocky beaches
<i>C. morus</i>	: Many rocky beaches
<i>C. rubus</i>	: Rocky beach of Kumta - rare
<i>Clypemorus batillarieformis</i>	: Rocky beach of Dhareshwar- rare
<i>Vermetus</i> sp.	: Many rocky beaches
<i>Gyrineum natator</i>	: Rocky beaches- rare
<i>Thais lacera</i>	: Rocky beaches- rare
<i>T. bufo</i>	: Rocky beaches- rare
<i>T. rudolfi</i>	: Rocky beaches- Kumta & Dhareshwar- rare
<i>T. blanfordi</i>	: Rocky beaches- Binaga & Dhareshwar- rare
<i>Purpura panama</i>	: Rocky beaches, Belekeri & Dhareshwar- rare
<i>Manicinella buffo</i>	: Rocky beaches - scanty
<i>Morula granulata</i>	: Rocky beaches
<i>Crassostera</i> sp. (Kan: <i>Kalva</i> )	: Rocky beaches, edible.
<i>Perna</i> sp. (Mussel)	: Rocky beaches, edible

Note: One more bivalve species is yet to be identified.

References for Molluscs: Ravi Hegde, 1998. Department of Zoology, Karnatak University, Dharwad