

Marine fauna collected at Sandwich Harbour, Namib Desert Park, South West Africa

by

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During a short trip in October 1973 marine fauna was collected at Sandwich Harbour, Namib Desert Park. As the marine fauna of South West Africa is poorly documented a number of the specimens collected are new and interesting records for the territory.

Sandwich Harbour is a lagoon protected from the sea, to the west, by a large sand bar with a narrow opening to the sea near its northern end. On the landward side 50 metre high sand dunes partially protect the lagoon from strong winds blowing from the south and south west. For the purpose of this note the lagoon area was divided into six habitat types, namely: open lagoon; rocks; mud banks; beach; sand bar and lagoon channels.

The species are arranged in alphabetical order within each taxonomic group and the groups are systematically arranged.

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Table 1: Marine fauna collected at Sandwich Harbour; October, 1973.

SPECIES	HABITATS					
	Open Lagoon	Rocks	Mud Banks	Beach	Sand Bar	Lagoon Channels
BRACHIOPODA						
<i>Disciniscia tenuis</i> (Sow.)		X				
CRUSTACEA						
(BRACHYURA)						
<i>Hymenosoma orbiculare</i> (Desmarest)	X	X				
<i>Ovalipes punctatus</i> (de Haan)	X		X			X
<i>Pilumnoides perlatus</i> (Poëppig)		X				
<i>Xaiva biguttata</i> (Risso)		X				
(MACRURA)						
<i>Palaemon pacificus</i> (Stimpson)	X	X				
MOLLUSCA						
(GASTROPODA)						
<i>Amblychilepas scutella</i> (Gmellin)		X				
<i>Argobuccinum argus</i> (Gmellin) (dead shell)				X		
<i>Bullia callosa</i> (Gray)				X		
<i>Bullia laevissima</i> (Gmellin)					X	
<i>Burnupena papyracea</i> (Bry) (dead shell)					X	
<i>Fissurella mutabilis</i> Sow.		X				
<i>Helcion dunkeri</i> (Krauss)		X				

SPECIES	HABITATS					
	Open Lagoon	Rocks	Mud Banks	Beach	Sand Bar	Lagoon Channels
<i>Littorina knysnaensis</i> (Phil.)		X				
<i>Marginella</i> sp.		X				
<i>Nassarius ? kochianus</i> (Dunker)		X				
<i>Nassarius plicatellus</i> (A. Ad.)		X				
<i>Natica</i> cf. <i>N. vittata</i> (Gmellin)	X					
<i>Oxystele variegata</i> (Anton)		X				
<i>Patella argenvillei</i> Krss.		X				
<i>Patella granatina</i> Linn.		X				
<i>Patella granularis</i> Linn.		X				
<i>Thais cingulata</i> (Linn.)		X				
<i>Thais haemostoma</i> Linn.		X				
<i>Tricolia capensis</i> Dunker (dead shell)				X		
(LAMELLIBRANCHIATA)						
<i>Aulacomys ater</i> (Molina)		X				
<i>Choromytilus meridionalis</i> (Krss.)		X			X	
<i>Dosinia lupinus</i> (Linn.) form <i>orbigny</i> (Dkr.)			X			
<i>Donax serra</i> (Röd.)				X	X	
<i>Lutraria lutraria</i> (Linn.) (one valve only)					X	
<i>Macoma</i> sp. aff. <i>M. cumana</i> (Henley)			X			
<i>Ostrea atherstonei</i> Newton					X	
<i>Perna perna</i> (Linn.)		X				X
<i>Petricola bicolor</i> Sow.					X	
<i>Semimytilus algosus</i> (Gould)		X				
<i>Tapes corrugata</i> (Gmellin)		X		X	X	X
ECHINODERMATA						
(ASTEROIDEA)						
<i>Asterina luderitziana</i> Doderlein	X			X		
PISCES						
(CHONDICHYTHYES)						
<i>Dasyatis pastinacus</i> (Linn.)	X		X			X
<i>Mustelus canis</i> (Mitchill) (dead specimen)					X	
<i>Narke capensis</i> (Gmellin)					X	
<i>Pteromylaeus bovinus</i> (St. Hilaire) (3 dead specimens)					X	
<i>Rhinobatos annulatus</i> (Muller; Henle)	X		X		X	X
(OSTEICHTHYES)						
<i>Blennius cornutus</i> (Linn.)		X				X
<i>Clinus agilis</i> (Smith)		X				
<i>Gobius nudiceps</i> Cuvier		X				
<i>Lithognathus (lithognathus)</i> (Cuvier)	X		X			X
<i>Mugil cephalus</i> Linn.	X					X
<i>Mugil</i> sp. possibly <i>richardsoni</i>						X
<i>Ophisurus serpens</i> (Linn.)		X				