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APPENDICES



Appendix 1 List of fishes recorded from the seagrass bed, coral reef and the edge of seagrass bed adjacent to the coral reef at Nai - Wog Bay, Ko Pha - Ngan during August 1991 - April 1992.

SCIENTIFIC NAME	Seagrass bed	Seagrass bed & Coral reef	Coral reef
Dasyatidae (Stingrays)			
<i>Taeniura lymna</i> (Forsskal)		X	X
Plotosidae (Eel catfishes)			
<i>Plotosus canius</i> (Hamilton & Buchanan)		X	
Batrachoididae (Toadfishes)			
<i>Halophryne diemensis</i> (Lesueur)		X	
Hemirhamphidae (Halfbeaks)			
<i>Hemirhamphus far</i> (Forsskal)		X	
<i>Hyporhamphus quoyi</i> (Valenciennes)		X	
Belontiidae (Needlefishes)			
<i>Tylosaurus crocodilus</i> (Peron & Lesueur)		X	
Atherinidae (Silversides)			
<i>Atherinomorur duodecimalis</i> (Cuvier & Valenciennes)		X	
Holocentridae (Squirrelfishes)			
<i>Myripristes murdjan</i> (Forsskal)			X
<i>Sargocentron rubrum</i> (Forsskal)	X	X	X
Scorpaenidae (Scorpionfishes)			
<i>Scorpaenopsis oxycephala</i> (Bleeker)		X	
<i>Synanceia horrida</i> (Linnaeus)		X	
Centropomidae (Sand bass)			
<i>Psammoperca waigiensis</i> (Cuvier)	X	X	
Serranidae (Groupers)			
<i>Cephalopholis argus</i> (Bloch & Schneider)			X
<i>Cephalopholis boenack</i> (Bloch)			X
<i>Cephalopholis formosa</i> (Shaw)			X
<i>Cephalopholis miniata</i> (Forsskal)			X

SCIENTIFIC NAME	Seagrass bed	Seagrass bed & Coral reef	Coral reef
<i>Epinephelus fasciatus</i> (Forsskal)			X
<i>Epinephelus malabaricus</i> (Bloch & Schneider)			X
<i>Epinephelus quoyanus</i> (Valenciennés)		X	X
<i>Plectopomus maculatus</i> (Bloch)			X
Gramistridae (Soapfishes)			
<i>Diploprion bifasciatus</i> Cuvier		X	X
Pseudochromidae (Eel blennies)			
<i>Congrogadus subducens</i> (Richardson)	X	X	
Apogonidae (cardinalfishes)			
<i>Apogon guamensis</i> Valenciennes	X	X	X
<i>Apogon cyanosoma</i> Bleeker		X	X
<i>Apogon fasciatus</i> Shaw			X
<i>Cheilodipterus quinqueineatus</i> Cuvier		X	X
Teraponidae (Grunters)			
<i>Pelates quadrilineatus</i> (Bloch)	X	X	
Lutjanidae (Snappers)			
<i>Lutjanus carponotatus</i> (Richardson)	X	X	X
<i>Lutjanus decussatus</i> (Cuvier)	X		X
<i>Lutjanus russelli</i> (Bleeker)	X	X	X
<i>Lutjanus vitta</i> (Quoy & Gaimard)			X
Caesionidae (Fulsiilers)			
<i>Caesio xanthonotus</i> (Bleeker)			X
Gerreidae (Mojarras)			
<i>Gerres abbreviatus</i> (Bleeker)		X	
<i>Gerres oyena</i> (Forsskal)	X	X	
Sillaginidae (Whittings)			
<i>Sillago sihama</i> Forsskal		X	

SCIENTIFIC NAME	Seagrass bed	Seagrass bed & Coral reef	Coral reef
Haemulidae (Grunts)			X X
<i>Plectorhinchus chaetodonoides</i> Lacepede			X
<i>Plectorhinchus pictus</i> (Cuvier)			X
Lethrinidae (Emporers)			
<i>Lethrinus lentjan</i> (Lacepede)	X	X	X
Nemipteridae (Monocle beams)			
<i>Scolopsis ciliatus</i> (Lacepede)	X	X	X
<i>Scolopsis margaritifer</i> (Cuvier)		X	X
<i>Scolopsis vosmeri</i> (Bloch)			X
Mullidae (Goatfishes)			
<i>Parupeneus indicus</i> (Shaw)			X
<i>Upeneus tragula</i> Richardson	X	X	X
Pempheridae (Sweepers)			
<i>Pempheris ovalis</i> Cuvier		X	X
Chaetodontidae (Butterflyfishes)			
<i>Chaetodon octofasciatus</i> Bloch		X	X
<i>Chaetodon weilbii</i> Kaup			X
<i>Chelmon rostratus</i> (Linnaeus)			X
Pomacanthidae (Angelfishes)	X		X
<i>Pomacanthus annularis</i> (Bloch)			X
Pomcentridae (Damselfishes)			
<i>Abudefduf bengalensis</i> (Bloch)		X	X
<i>Abudefduf sexfasciatus</i> (Lacepede)			X
<i>Amblyglyphidodon curacao</i> (Bloch)			X
<i>Amphiprion periderarion</i> Bleeker			X
<i>Chromis atripectoralis</i> Velander & Schultz			X
<i>Chromis fumeus</i> (Tanaka)			X
<i>Chromis viridis</i> (Cuvier)			X

## Appendix 1 (continued)

SCIENTIFIC NAME	Seagrass bed	Seagrass bed & Coral reef	Coral reef
<i>Dasyllus reticulatus</i> (Richardson)			X
<i>Dasyllus trimaculatus</i> (Ruppell)			X
<i>Hemiglyphidodon plagiometapon</i> (Bleeker)			X
<i>Neoglyphidodon melas</i> (Cuvier)			X
<i>Neoglyphidodon nigroris</i> (Cuvier)			X
<i>Neopomacentrus cyanomos</i> (Bleeker)			X
<i>Plectoglyphidodon lacrymatus</i> (Qouy & Gaimard)			X
<i>Pomacentrus chysurus</i> Cuvier			X
<i>Pomacentrus coelestris</i> Jordan & Starks			X
<i>Pomacentrus moluccensis</i> Bleeker		X	X
<i>Pomacentrus tripunctatus</i> Cuvier			X
<i>Stegetis apicalis</i> (De Vis)			X
Sphyraenidae (Barracudas)			
<i>Sphyaena obtusata</i> Cuvier	X	X	X
Labridae (Wrasses)			
<i>Chellinus chloruorvus</i> (Bloch)		X	X
<i>Chellinus fasciatus</i> (Bloch)			X
<i>Cherodon anchorago</i> (Bloch)			X
<i>Epibulus insidiator</i> (Pallas)			X
<i>Halichoeres argus</i> (Schneider)		X	X
<i>Halichoeres chloropterus</i> (Bloch)		X	X
<i>Halichoeres magariticeus</i> (Valenciennes)		X	X
<i>Halichoeres melunurus</i> (Bleeker)			X
<i>Halichoeres poecilopterus</i> (Temminck & Schlegel)		X	X
<i>Hemigymnus melapterus</i> (Bloch)			X
<i>Labroides dimidiatus</i> (Valenciennes)			X
<i>Thalassoma lunre</i> (Linnaeus)			X

Appendix 1 (continued)

SCIENTIFIC NAME	Seagrass bed	Seagrass bed & Coral reef	Coral reef
Scaridae (Parrotfishes)			X
<i>Scarus frenatus</i> Lacepede			X
<i>Scarus ghobban</i> Forsskal			X
<i>Scarus rivulatus</i> Valenciennes			
Bleniidae (Blennies)			
<i>Petroscirtes lupus</i> (De Vis)	X		
Gobiidae (Gobies)			X
<i>Pteriotris</i> sp.			X
<i>Goby species</i>		X	
<i>Valenciennesa</i> sp.			
Siganidae (Rabbitfishes)			
<i>Siganus canaliculatus</i> (Park)	X	X	X
<i>Siganus guttatus</i> (Bloch)		X	X
<i>Siganus javus</i> (Linnaeus)		X	X
<i>Siganus virgatus</i> (Valenciennes)	X	X	X
<i>Siganus punctatus</i> (Forster)		X	
Soeleidae (Soles)			
<i>Paradachirus pavoninus</i> (Lacepede)		X	
Monacanthidae (Filefishes)			
<i>Acreichthys tomentosus</i> (Linnaeus)	X	X	
<i>Monocanthus chinensis</i> (Osbeck)	X	X	
Tetraodontidae (Puffers)			
<i>Chelonodon potoca</i> Hamilton	X		
Didontidae (Porcupinefishes)			
<i>Diodon liturosus</i> (Shaw)	X	X	X
Total number of species	22	47	76

## VITA

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