

MARINE INVERTEBRATES OF LAGUNA SAN IGNACIO

1979
GASTROPODS

| | | |
|---------------------------------------|----------|----------------------|
| <i>Haliotus fulgens</i> | Mc. 2.1 | green abalone |
| <i>Haliotus corrugata</i> | Mc. 1.1 | pink abalone |
| <i>Diodora digueti</i> | K. 16 | keyhole limpet |
| <i>Collisella strigatella</i> | K. 52 | limpet |
| <i>Calliostoma gemmulatum</i> | Mc. 7.3 | gem top |
| <i>Calliostoma gardanum</i> | K. 80 | |
| <i>Calliostoma keenae</i> | K. 83 | |
| <i>Calliostoma rema</i> | K. 89 | |
| <i>Tegula aureotincta</i> | Mc. 9.1 | gilded tegula |
| <i>Tegula fenebralis</i> | Mc. 9.3 | black turban |
| <i>Tegula gallina</i> | Mc. 9.4 | speckled tegula |
| <i>Turbo fluctuosus</i> | K. 144 | speckled top |
| <i>Turbo funiculosus</i> | K. 145 | |
| <i>Astraea undosa</i> | Mc. 10.5 | wavy top |
| <i>Homalopoma luridum</i> | Mc. 10.1 | |
| <i>Nerita scabricosta</i> | K. 165 | |
| <i>Theodoxus luteofaciatus</i> | K. 168 | |
| <i>Littorina fasciata</i> | K. 182 | mangrove periwinkle |
| <i>Vermicularia pellucida eburnea</i> | K. 449 | turret |
| <i>Cerithium stercusmuscarum</i> | K. 515 | |
| <i>Cerithidae californica</i> | Mc. 16.1 | California horn |
| <i>Cerithidae albonodosa</i> | K. 601 | |
| <i>Cerithidae mazatlanica</i> | K. 602 | |
| <i>Cerithidae montagnei</i> | K. 603 | horn shell |
| <i>Epitonium tinctum</i> | Mc. 17.1 | wentletrap |
| <i>Crepidula arenata</i> | K. 809 | slipper |
| <i>Crepidula onyx</i> | K. 814 | onyx slipper |
| <i>Crepidula excavata</i> | K. 810 | excavated slipper |
| <i>Hipponix tumens</i> | Mc. 17.7 | hoof shell |
| <i>Natica chemnitzii</i> | k. 861 | moon snail |
| <i>Polinices uber</i> | K. 882 | white moon snail |
| <i>Polinices recluzianus</i> | K. 888 | |
| <i>Polinices altus</i> | Mc. 19.4 | |
| <i>Cassis centriquadrate</i> | K. 948 | |
| <i>Ficus ventricosa</i> | K. 952 | fig shell |
| <i>Malea ringens</i> | K. 942 | tun shell |
| <i>Muricanthus nigritus</i> | K. 1004 | black murex, fossil? |
| <i>Eupleura muriciformis</i> | K. 1024 | |
| <i>Ceratostoma monoceros</i> | K. 1034 | |
| <i>Pteropupura festiva</i> | Mc. 21.6 | festive murex |
| <i>Pteropupura orinaceoides</i> | K. 1036 | |
| <i>Ocenebra foveolata</i> | Mc. 22.5 | |
| <i>Acanthina lugubris</i> | K. 1084 | unicorn |
| <i>Forreria belcheri</i> | Mc. 23.3 | Belcher's murex |
| <i>Thais biserialis</i> | K. 1076 | dogwinkle |
| <i>Thais speciosa</i> | K. 1074 | |
| <i>Macron aethiops</i> | K. 1131 | |
| <i>Macron orcutti</i> | K. 1132 | smooth macron |
| <i>Anachis adelinae</i> | K. 1172 | Adaline's pyrene |
| <i>Anachis coronata</i> | K. 1175 | crown pyrene |
| <i>Melongena patula</i> | K. 1290 | fossil ? |

GASTROPODS continued

| | | |
|-----------------------------------|----------|---------------------|
| <i>Nassarius tegula</i> | Mc. 26.4 | mud nassa |
| <i>Fusinus irregularis</i> | K. 1341 | spindle shell |
| <i>Oliva incrassata</i> | K. 1360 | shouldered olive |
| <i>Olivella beatica</i> | Mc. 27.6 | olivella |
| <i>Cancellaria ventricosa</i> | K. 1455 | |
| <i>Pseudomelatomia pencillata</i> | K. 1574 | turrid |
| <i>Terebra pedroana</i> | Mc. 28.4 | Pedro auger |
| <i>Terebra tiarella</i> | K. 1569 | auger |
| <i>Ophiidermella ophioderma</i> | Mc. 30.2 | turrid |
| <i>Bulla gouldiana</i> | K. 2235 | Gould's bubble |
| <i>Haminoea virescens</i> | K. 2245 | green bubble(white) |
| <i>Melampus mousleye</i> | K. 2399 | salt marsh snail |

PELECYPODS

| | | |
|-------------------------------------|--------------|---------------------|
| <i>Arca pacifica</i> | K. 67 | turkey wing |
| <i>Barbatia rostrata</i> | K. 72 | arc |
| <i>Barbatia alternata</i> | K. 73 | arc |
| <i>Barbatia reeveyana</i> | K. 74 | arc |
| <i>Andara tuberculosa</i> | K. 82 | arc with nodes |
| <i>Andara grandis</i> | K. 89 | massive arc |
| <i>Andara multicosata</i> | K. 90 | 34 ribbed arc |
| <i>Arcopsis solida</i> | K. 99 | small arc |
| <i>Lithophaga attenuata rogersi</i> | K. 140 | boring muscle |
| <i>Modiolus capax</i> | K. 149 | fat horse mussel |
| <i>Modiolus pseudotulipusk</i> | K. 151 | mussel |
| <i>Pinna rugosa</i> | K. 156 | Pen, center groove |
| <i>Atrina tuberculosa</i> | K. 160 | pen shell |
| <i>Isognomon recognitus</i> | K. 164 | western tree oyster |
| <i>Ostrea columbiensis</i> | K. 168 | columbian oyster |
| <i>Ostrea iridescens</i> | K. 172 | brown metallic |
| <i>Pecten vogdesi</i> | K. 181 | scallop |
| <i>Argopecten aequisulcatus</i> | K. 182 (sub) | calico scallop |
| <i>Lyropecten subnodosus</i> | K. 202 | lion's paw scallop |
| <i>Leptopecten monotimeris</i> | Mc. 38.4 | Kelp scallop |
| <i>Amonia peruviana</i> | K. 223 | pearly Jingle |
| <i>Cardita affinis</i> | K. 237 | cardita |
| <i>Diplodonta subquadrata</i> | K. 292 | |
| <i>Felaniella sericata</i> | K. 295 | |
| <i>Chama pellucida</i> | Mc. 40.1 | chama |
| <i>Trachycardium panamense</i> | K. 363 | cockle |
| <i>Papyridea aspera</i> | K. 366 | thin cockle |
| <i>Laevicardium elatum</i> | K. 378 | smooth cockle |
| <i>Laevicardium substriatum</i> | Mc. 42.2 | egg cockle |
| <i>Trigoniocardia biangula</i> | K. 370 | |
| <i>Trigoniocardia granifera</i> | K. 369 | |
| <i>Vetricolaria fordii</i> | Mc. 43.1 | |
| <i>Tivela stultorum</i> | Mc. 43.2 | pismo clam |
| <i>Amiantis callosa</i> | Mc. 43.4 | white amiantis |

Pelecypods continued

| | | |
|---------------------------|----------|---------------------|
| Dosina dunkeri | K. 426 | dosina |
| Dosina ponderosa | K. 427 | heavy dosina |
| Megapitaria squalida | K. 425 | grey megapitaria |
| Chione californiensis | K. 440 | California chione |
| Chione undatella | K. 445 | wavy chione |
| Chione fructifraga | K. 447 | chione |
| Chione gnidia | K. 450 | frilled chione |
| Protothaca staminea | Mc. 45.1 | common littleneck |
| Protothaca grata | K. 473 | littleneck |
| Perticola californiensis | Mc. 46.2 | nesting clam |
| Mactra californica | K. 492 | California mactra |
| Spisula hemphilli | Mc. 47.2 | dish clam |
| Raeta undulata | K. 505 | thin, ridged |
| Tellina bodegensis | Mc. 48.1 | Bodega tellin |
| Tellina simulans | K. 535 | red tellin |
| Tellina ochracea | K. 537 | sulphur tellin |
| Florimetus obesa | Mc. 48.8 | yellow interior |
| Florimetus cognata | K. 557 | |
| Macoma identata | K. 568 | indented macoma |
| Macoma secta | Mc. 48.7 | bent nose macoma |
| Tellidora burneti | K. 581 | dorsal edge frilled |
| Donax californicus | K. 584 | wedge clam |
| Donax gouldii | K. 590 | bean clam |
| Donax punctatostriatus | K. 598 | donax |
| Heterodonax pacificus | K. 609 | heterodonax |
| Sanguinolaria tellinoides | K. 611 | |
| Sanguinolaria nutallii | Mc. 50.5 | purple clam |
| Semele desica | Mc. 49.2 | clipped semele |
| Semele flavescens | K. 630 | yellow semele |
| Tagelus californianus | K. 616 | jackknife |
| Tagelus subteres | Mc. 51.2 | small jackknife |
| Solen rosaceus | K. 667 | rosy razor |
| Hiatella arctica | K. 697 | nesting clam |
| Periploma planiusculum | K. 573 | spoon clam |
| Thracia curta | K. 760 | short thracia |
| Cryptomya californica | K. 671 | |
| Zirfaea pilsbryi | Mc. 53.2 | piddock |

SCAPHOPODA

Dentalium species

tooth shell

FISH LIST FOR LAGUNA SAN IGNACIO: 1978-1982

Pacific manta, *Manta hamiltoni*
Smoothtail mobula, *Mobula lucasana*
Bat ray, *Mylobatis californica*
Round stingray, *Urolophus halleri*
Jacksmelt, *Atherinopsis californiensis*
Topsmelt, *Atherinops affinis*
Pacific seahorse, *Hippocampus ingens*
Sculpin, *Scorpaena guttata*
Giant sea bass, *Stereolepis gigas*
Broomtail grouper, *Mycteroperca xenarcha*
Gulf grouper, *Myceroperca jordani*
Spotted cabrilla, *Epinephelus analogus*
Spotted snad bass, *Paralabrax maculatofasciatus*
Grass bass, *Paralabrax* sp. (red eyed refrigator bass)
Barred sand bass, *Paralabrax nebulifer*
Orangemouth corvina, *Cynoscion xanthulus*
Shortfin corvina, *Cynoscion parvipinnis*
Opealeye, *Girella nigricans*
Garibaldi, *Hypsypops rubicundus*
Striped mullet (Lisas), *Migil cephalus*
California halibut, *Paralichthys californicus*
Common thresher, *Alopias vulpinus*
white shark, *Charcharodon carcharias*
Bonito shark, *Isurus oxyrinchus*
Leppard shark, *Triakis semifasciata*
Bull shark, *Carcharhinus leucas*
Shovelnose guitarfish, *Rhinobatos productus*

Note: these are the fish that we came into direct contact with; that is, we caught them or the lagoon fishermen caught them and showed them to us. There are probably many more species that we have not encountered. Laura Hubbs keeps a file of fish of the Baja lagoons and should be consulted as to the species reported from the breeding lagoons of Baja California.