

Apologia Marine Biology, 2nd Edition

MP3 Audio CD	Textbook Section	MP3 Audio CD	Audiobook File
Track	Module 0	Filename	Start
1	Instructional Support	00001.mp3	0:00:00
2	Student Notes	00002.mp3	0:02:15
3	Welcome	00003.mp3	0:10:35
Track	Module 1	Filename	Start Time
4	Introduction	01001.mp3	0:00:00
5	The Geography of the Oceans	01002.mp3	0:01:18
6	The Earth's Structure	01003.mp3	0:03:09
7	Continental Drift and Plate Tectonics	01004.mp3	0:06:34
8	Plate Interactions	01005.mp3	0:19:07
9	Features of the Ocean Bottom	01006.mp3	0:24:20
10	Properties of Water	01007.mp3	0:29:07
11	Seawater	01008.mp3	0:37:13
12	Salinity, Temperature, and Density	01009.mp3	0:41:59
13	Light in the Sea	01010.mp3	0:48:44
14	Pressure	01011.mp3	0:50:12
15	The Motion of the Ocean	01012.mp3	0:52:22
16	Waves	01013.mp3	1:01:39
17	Tides	01014.mp3	1:03:20
18	Vertical Motion	01015.mp3	1:07:56
19	Summing Up	01016.mp3	1:10:34
Track	Module 2	Filename	Start Time
20	Introduction	02001.mp3	0:00:00
21	The Process of Life	02002.mp3	0:01:59
22	Photosynthesis	02003.mp3	0:07:27
23	Respiration	02004.mp3	0:10:36
24	Cells	02005.mp3	0:15:30
25	Levels of Organization	02006.mp3	0:20:59
26	The Challenge of Life in the Sea	02007.mp3	0:24:55
27	Diffusion and Osmosis	02008.mp3	0:26:41
28	Temperature	02009.mp3	0:39:09
29	Reproduction in the Sea	02010.mp3	0:47:18
30	Asexual and Sexual Reproduction	02011.mp3	0:49:23
31	Reproductive Strategies	02012.mp3	0:54:08
32	Classifying Life in the Sea	02013.mp3	0:56:24
33	Summing Up	02014.mp3	1:05:34
Track	Module 3	Filename	Start Time
34	Introduction	03001.mp3	0:00:00
35	Kingdom Monera	03002.mp3	0:04:58
36	Kingdom Protista: The Unicellular Algae	03003.mp3	0:18:56

37	Diatoms	03004.mp3	0:21:45
38	Dinoflagellates	03005.mp3	0:28:48
39	Kingdom Protista: The Marine Protozoans	03006.mp3	0:33:14
40	Foraminiferans	03007.mp3	0:35:00
41	Radiolarians	03008.mp3	0:37:51
42	Ciliates	03009.mp3	0:39:15
43	Kingdom Protista: The Multicellular Algae	03010.mp3	0:40:23
44	Green Algae	03011.mp3	0:44:09
45	Brown Algae	03012.mp3	0:46:13
46	Red Algae	03013.mp3	0:50:11
47	Reproduction of Multicellular Algae	03014.mp3	0:53:22
48	Kingdom Fungi	03015.mp3	1:01:01
49	Kingdom Plantae	03016.mp3	1:03:08
50	The Seagrasses	03017.mp3	1:03:44
51	Saltwater Marsh Plants	03018.mp3	1:05:34
52	The Mangroves	03019.mp3	1:06:20
53	Summing Up	03020.mp3	1:08:24

Track	Module 4	Filename	Start Time
54	Introduction	04001.mp3	0:00:00
55	Phylum Porifera	04002.mp3	0:02:08
56	Phylum Cnidaria	04003.mp3	0:12:48
57	Class Hydrozoa	04004.mp3	0:20:58
58	Class Scyphozoa	04005.mp3	0:22:56
59	Class Anthozoa	04006.mp3	0:24:08
60	Phylum Ctenophora	04007.mp3	0:28:27
61	The Bilateral Worms	04008.mp3	0:29:48
62	Phylum Platyhelminthes	04009.mp3	0:31:21
63	Phylum Nemertea	04010.mp3	0:36:49
64	Phylum Nematoda	04011.mp3	0:41:02
65	Phylum Annelida	04012.mp3	0:42:31
66	Class Polychaeta	04013.mp3	0:43:53
67	Lophophorates	04014.mp3	0:46:22
68	Summing Up	04015.mp3	0:48:56

Track	Module 5	Filename	Start Time
69	Introduction	05001.mp3	0:00:00
70	Phylum Mollusca	05002.mp3	0:01:24
71	Class Gastropoda	05003.mp3	0:03:26
72	Class Bivalvia	05004.mp3	0:06:27
73	Class Cephalopoda	05005.mp3	0:11:30
74	Other Mollusk Classes	05006.mp3	0:15:52
75	Mollusk Biology	05007.mp3	0:16:38
76	Phylum Arthropoda	05008.mp3	0:22:41
77	Class Crustacea	05009.mp3	0:26:48
78	Crustacean Biology	05010.mp3	0:34:42
79	Other Arthropod Classes	05011.mp3	0:38:13

80	Phylum Echinodermata	05012.mp3	0:41:15
81	Class Asteroidea	05013.mp3	0:44:30
82	Class Ophiuroidea	05014.mp3	0:46:19
83	Class Echinoidea	05015.mp3	0:47:21
84	Class Holothuroidea	05016.mp3	0:48:54
85	Class Crinoidea	05017.mp3	0:50:49
86	Echinoderm Biology	05018.mp3	0:52:24
87	Phylum Chordata	05019.mp3	0:58:25
88	Subphylum Urochordata	05020.mp3	1:00:42
89	Subphylum Cephalochordata	05021.mp3	1:02:58
90	Summing Up	05022.mp3	1:05:14

Track	Module 6	Filename	Start Time
91	Introduction	06001.mp3	0:00:00
92	Class Agnatha	06002.mp3	0:02:55
93	Class Chondrichthyes	06003.mp3	0:06:05
94	Rays and Skates	06004.mp3	0:17:31
95	The Bony Fishes	06005.mp3	0:22:45
96	The Biology of Fishes	06006.mp3	0:27:37
97	Coloration in Fishes	06007.mp3	0:32:09
98	Locomotion	06008.mp3	0:37:16
99	Feeding and Digestion	06009.mp3	0:39:44
100	The Circulatory System	06010.mp3	0:45:58
101	The Gills and Respiratory System	06011.mp3	0:47:15
102	Osmoregulation and Osmosis	06012.mp3	0:53:00
103	The Nervous System in the Fishes	06013.mp3	0:54:56
104	Social Behavior	06014.mp3	0:59:42
105	Migrations	06015.mp3	1:02:41
106	Reproduction in the Fishes	06016.mp3	1:07:19
107	Summing Up	06017.mp3	1:16:24

Track	Module 7	Filename	Start Time
108	Introduction	07001.mp3	0:00:00
109	Class Reptilia	07002.mp3	0:02:15
110	Class Aves	07003.mp3	0:19:46
111	Gulls and Similar Birds	07004.mp3	0:21:56
112	Penguins	07005.mp3	0:23:24
113	Shearwaters and Similar Birds	07006.mp3	0:26:44
114	Pelicans and Similar Birds	07007.mp3	0:28:50
115	Birds at the Shore	07008.mp3	0:31:17
116	Class Mammalia	07009.mp3	0:32:19
117	Order Cetacea	07010.mp3	0:33:18
118	Order Sirenia	07011.mp3	0:44:07
119	Order Pinnipedia	07012.mp3	0:45:54
120	Order Carnivora	07013.mp3	0:48:21
121	Echolocation	07014.mp3	0:50:08
122	Movement in the Water	07015.mp3	0:57:41

123	Behavior	07016.mp3	1:03:21
124	Mating and Reproduction	07017.mp3	1:12:15
125	Summing Up	07018.mp3	1:15:36

Track	Module 8	Filename	Start Time
126	Introduction	08001.mp3	0:00:00
127	The Ecosystem	08002.mp3	0:01:18
128	Population Growth	08003.mp3	0:05:25
129	Predator and Prey Relationships	08004.mp3	0:17:18
130	Symbiosis	08005.mp3	0:19:49
131	Trophic Relationships	08006.mp3	0:27:44
132	Primary Productivity	08007.mp3	0:36:35
133	The Carbon and Nitrogen Cycles	08008.mp3	0:49:21
134	Environmental Zones	08009.mp3	0:55:57
135	Summing Up	08010.mp3	1:00:57

Track	Module 9	Filename	Start Time
136	Introduction	09001.mp3	0:00:00
137	Intertidal Communities	09002.mp3	0:02:06
138	The Rocky Intertidal	09003.mp3	0:05:17
139	Rocky Intertidal Abiotic Conditions	09004.mp3	0:06:53
140	Intertidal Feeding and Reproduction	09005.mp3	0:13:25
141	Wave Action	09006.mp3	0:15:54
142	Surviving the Waves	09007.mp3	0:20:46
143	Zonation of the Rocky Intertidal	09008.mp3	0:26:37
144	The Upper Intertidal Zone	09009.mp3	0:29:46
145	The Middle Intertidal Zone	09010.mp3	0:33:10
146	The Lower Intertidal Zone	09011.mp3	0:44:53
147	The Sandy and Muddy Intertidal	09012.mp3	0:48:47
148	Survival in the Mud	09013.mp3	0:56:03
149	Summing Up	09014.mp3	1:02:17

Track	Module 10	Filename	Start Time
150	Introduction	10001.mp3	0:00:00
151	The Ice Age: The Most Likely Cause of Most Estuaries	10002.mp3	0:02:00
152	Types of Estuaries	10003.mp3	0:10:40
153	Abiotic Factors in Estuaries	10004.mp3	0:15:49
154	Estuarine Communities	10005.mp3	0:25:11
155	Estuarine Habitats	10006.mp3	0:30:30
156	Wetlands	10007.mp3	0:31:20
157	Mudflats	10008.mp3	0:38:37
158	Channels	10009.mp3	0:47:30
159	Estuary Production	10010.mp3	0:48:39
160	Summing Up	10011.mp3	0:50:56

Track	Module 11	Filename	Start Time
161	Introduction	11001.mp3	0:00:00

162	Coral Reef Requirements and Locations	11002.mp3	0:01:09
163	Reef Composition	11003.mp3	0:07:42
164	Coral Reef Formation and Growth	11004.mp3	0:10:52
165	Types of Reefs	11005.mp3	0:25:55
166	Coral Reef Ecology	11006.mp3	0:42:51
167	Reef Relationships	11007.mp3	0:47:42
168	Symbiotic Relationships	11008.mp3	0:52:18
169	Summing Up	11009.mp3	0:58:20

Track	Module 12	Filename	Start Time
170	Introduction	12001.mp3	0:00:00
171	Physical Features of the Continental Shelf	12002.mp3	0:01:20
172	Soft-Bottom Shelf Communities	12003.mp3	0:06:36
173	Unvegetated Soft Bottom Environments	12004.mp3	0:10:55
174	Vegetated Soft-Bottom Environments	12005.mp3	0:20:10
175	Hard-Bottom Shelf Communities	12006.mp3	0:25:56
176	Kelp Beds and Forests	12007.mp3	0:32:10
177	Sea Urchins	12008.mp3	0:43:20
178	Summing Up	12009.mp3	0:46:28

Track	Module 13	Filename	Start Time
179	Introduction	13001.mp3	0:00:00
180	The Epipelagic Zone	13002.mp3	0:01:02
181	Life in the Epipelagic	13003.mp3	0:04:05
182	Epipelagic Phytoplankton	13004.mp3	0:07:44
183	Epipelagic Zooplankton	13005.mp3	0:13:48
184	Epipelagic Nekton	13006.mp3	0:21:43
185	Staying Afloat in the Epipelagic	13007.mp3	0:24:16
186	Living in the Epipelagic Zone	13008.mp3	0:32:49
187	Vertical Migration	13009.mp3	0:38:22
188	The Epipelagic Food Web	13010.mp3	0:40:24
189	Primary Productivity	13011.mp3	0:45:56
190	Nutrients and Productivity	13012.mp3	0:48:15
191	El Niño-Southern Oscillation	13013.mp3	0:57:02
192	Summing Up	13014.mp3	1:03:47

Track	Module 14	Filename	Start Time
193	Introduction	14001.mp3	0:00:00
194	The Mesopelagic	14002.mp3	0:03:13
195	Mesopelagic Food Webs	14003.mp3	0:09:50
196	Mesopelagic Body Design	14004.mp3	0:16:34
197	The Deep Sea	14005.mp3	0:30:50
198	The Deep-Sea Floor	14006.mp3	0:40:04
199	Hydrothermal Vents	14007.mp3	0:46:40
200	Other Vent Communities	14008.mp3	0:52:10
201	Deep-Sea Photosynthesis	14009.mp3	0:55:41
202	Summing Up	14010.mp3	0:58:52

Track	Module 15	Filename	Start Time
203	Introduction	15001.mp3	0:00:00
204	Food from the Sea	15002.mp3	0:01:21
205	Food Species and Their Locations	15003.mp3	0:04:08
206	Managing Populations	15004.mp3	0:16:59
207	Mariculture	15005.mp3	0:32:46
208	Other Living Resources	15006.mp3	0:40:06
209	Nonliving Ocean Resources	15007.mp3	0:42:38
210	Summing Up	15008.mp3	0:52:52

Track	Module 16	Filename	Start Time
211	Introduction	16001.mp3	0:00:00
212	Ocean Habitat Damage	16002.mp3	0:03:21
213	Effects on Coral Reefs	16003.mp3	0:05:46
214	Pollution	16004.mp3	0:09:10
215	Sewage	16005.mp3	0:10:41
216	Fertilizers	16006.mp3	0:15:27
217	Oil	16007.mp3	0:17:19
218	Synthetic Pollutants	16008.mp3	0:24:28
219	DDT	16009.mp3	0:25:32
220	Other Toxic Chemicals	16010.mp3	0:33:28
221	Metals and Other Toxic Materials	16011.mp3	0:36:40
222	Trash and Other Debris	16012.mp3	0:42:10
223	Our Responsibility	16013.mp3	0:43:58
224	In Summary	16014.mp3	0:48:09