## Content

**Common Hints:**
- The scientific system of the molluscs 10
- How to classify a seashell 12
- Seashells in history 13
- How to put seashells into scenery 16
- How to collect seashells 18

**Marine Habitats:**
- Mangrove Belts 20
- Meadows of Seagrass 23
- Lagoons 24
- Rocky Coasts 26
- Coral-Reefs 28
- Sunken Ships 30
- Shell-Banks 31
- Open Ocean 32

**Molluscs:**

### Chitons
- 33

### Tusk Shells
- 35

### Gastropods:
- Akeras 36
- Sea-Hares 37
- Delphinula-Snails 38
- Sun-Dials 40
- Whelks & Neptunes 42
- Bubble-Snails 47
- Frog Snails 48
- Slipper-Limpets 52
- Helmet & Bonnet Shells 54
- Dove Shells 57
- Turret Snails and Ceriths 58
- Ceriths 58
- Mud Ceriths 60
- Slit Worm Shells 61
- Turret, Screw & Worm Shells 62
- Cone Shells, Auger Shells, Turrids and other 64
- Cone Shells 66
- Further Turrid Shells 76
- Canoe Bubbles 77
Auger Shells 78
Turrids 80
Cowries 82
Wentletraps 101
Tulip & Spindle Shells 102
Coffee Beans 105
Fig Snails 106
Wadden Sea Snails 109
Purple Sea Snails 109
Keyhole Limpets 110
Abalones/Ormers 112
Periwinkles 116
Melon Conches 118
Rock Snails 120
Babylonia Snails 121
Ribbed Miters 122
Harp Shells 123
Marginellas 124
Miter Shells 126
Rock Snails 128
Coral Shells 130
American Murex 139
Venus Combs and other strange or spiny species 141
Dwarf Murex 146
Drupes 148
Dog Winkles 151
Chank & Vase Shells 152
Volutes 154
Nassa Snails & Dog Whelks 160
Moon Snails 162
Tortoiseshell Limpets 165
Nerites 166
Olive Shells 170
Slit Shells 175
Shuttle & Egg Shells 176
Tritons & Frog Snails 180
True Limpets 184
Trivias 187
True & Spider Conches 188
Conches from Atlantic and Mediterranean areas 190
Bullet Conches 191
Tibias 192
True & Spider Conches 194
True Conches from Indopacific areas 194

6
<table>
<thead>
<tr>
<th>Shell Type</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shells of different Indopacific Spider Conches</td>
<td>198</td>
</tr>
<tr>
<td>True Conches from Caribbean areas</td>
<td>202</td>
</tr>
<tr>
<td>Tun Shells</td>
<td>206</td>
</tr>
<tr>
<td>Top Shells</td>
<td>210</td>
</tr>
<tr>
<td>Turban Snails</td>
<td>216</td>
</tr>
<tr>
<td>Slit Worm Shells</td>
<td>222</td>
</tr>
<tr>
<td>Carrier Shells</td>
<td>224</td>
</tr>
</tbody>
</table>

**Bivalves:**

<table>
<thead>
<tr>
<th>Shell Type</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jingle Shells</td>
<td>227</td>
</tr>
<tr>
<td>Arc Shells</td>
<td>228</td>
</tr>
<tr>
<td>Arctica Clams</td>
<td>232</td>
</tr>
<tr>
<td>Astarte Shells</td>
<td>233</td>
</tr>
<tr>
<td>Cockles</td>
<td>234</td>
</tr>
<tr>
<td>Giant Clams</td>
<td>243</td>
</tr>
<tr>
<td>Jewel Boxes</td>
<td>250</td>
</tr>
<tr>
<td>Trapeze Shells</td>
<td>252</td>
</tr>
<tr>
<td>Cucullaeas</td>
<td>253</td>
</tr>
<tr>
<td>Bittersweets</td>
<td>254</td>
</tr>
<tr>
<td>Basket Lucinas</td>
<td>256</td>
</tr>
<tr>
<td>Oysters</td>
<td>257</td>
</tr>
<tr>
<td>Mangrove Oysters</td>
<td>258</td>
</tr>
<tr>
<td>Hammer Oysters</td>
<td>259</td>
</tr>
<tr>
<td>File Clams</td>
<td>260</td>
</tr>
<tr>
<td>Lucina Clams</td>
<td>264</td>
</tr>
<tr>
<td>Mactra Clams</td>
<td>266</td>
</tr>
<tr>
<td>Beaked Nuts</td>
<td>269</td>
</tr>
<tr>
<td>Soft Shell Clams</td>
<td>270</td>
</tr>
<tr>
<td>Blue Mussels</td>
<td>272</td>
</tr>
<tr>
<td>Spoon Clams</td>
<td>277</td>
</tr>
<tr>
<td>Oysters</td>
<td>278</td>
</tr>
<tr>
<td>Scallops</td>
<td>282</td>
</tr>
<tr>
<td>Razor Clams</td>
<td>298</td>
</tr>
<tr>
<td>Pen Shells</td>
<td>300</td>
</tr>
<tr>
<td>Saddle Oysters</td>
<td>303</td>
</tr>
<tr>
<td>Pearl &amp; Wing Oysters</td>
<td>304</td>
</tr>
<tr>
<td>Razor Shells</td>
<td>307</td>
</tr>
<tr>
<td>Thorny Oysters</td>
<td>308</td>
</tr>
<tr>
<td>True Piddocks</td>
<td>311</td>
</tr>
<tr>
<td>Wedge Clams, Gari Clams, Tellins and other Clams</td>
<td>312</td>
</tr>
<tr>
<td>Wedge Clams</td>
<td>312</td>
</tr>
<tr>
<td>Semele Clams</td>
<td>315</td>
</tr>
<tr>
<td>Gari Clams</td>
<td>316</td>
</tr>
<tr>
<td>Tellins</td>
<td>318</td>
</tr>
</tbody>
</table>
Tellins from North-Atlantic & Mediterranean Sea 321
False Piddocks 322
Venus Clams 324
Bean Clams 332

Cephalopods:
Giant Squids 334
Cuttlefishes 336
Spirulas 339
Squids 340
Nautiluses 344
Ammonites & Belemnites 348
Paper Nautiluses or Argonauts 354

Brachiopods:
Lamp Shells 357

Echinoderms:
Sea Urchins 358
Star Fish 371
Preservation of Star Fish 372

Crustaceans:
How to make a presentation box for Crustaceans 384
True Crabs 385
Shame Crabs 385
Edible Crabs 385
Helmet Crabs 386
Land Crabs 386
Carrier Crabs 387
Small Spider Crabs 387
Pearl Crabs 388
Shore Crabs 388
Spider Crabs 389
Ball Crabs 390
Clinging Crabs 390
True Spider Crabs 391
Original Spider Crabs 392
Long armed Spider Crabs 393
Mangrove Crabs 393
Paddle Crabs 394
European Stone Crabs 396
Indopacific Stone Crabs 396
Further Indopacific Stone Crabs 397
Quadratic Crabs
Hermits & King Crabs
Terrestrial Hermits
Lefthanded Hermits
King Crabs
Crayfish & Lobsters
Reef Lobsters
True Lobsters
Clawless
Spiny Lobsters
Slipper Lobsters
Treegilled Shrimps
Mantis Shrimps
True Mantis Shrimps
Mantis Shrimps

Final Hints:
Thanks!

Pictures
Literature and Sources
Imprint
Index of scientific names