

identical with Mediterranean species, five are representatives of Mediterranean species, eight belong to genera with a wide range at great depths, and two only must be regarded as peculiar Japanese forms.

- |  |   |   |
|--|---|---|
| 1. <i>Centrophorus squamulosus</i> , . | } | Eight species of <i>Centrophorus</i> from the Coast of Portugal, Madeira, and Mediterranean.            |
| 2. <i>Centrophorus foliaceus</i> , .   |   |   |
| 3. <i>Beryx decadactylus</i> , .       | . | Madeira and Coast of Portugal.  |
| 4. <i>Polymixia japonica</i> , .       | } | One species of this genus from Madeira and St Helena.   |
|  |   | One species from Cuba.  |
| 5. <i>Lepidopus tenuis</i> , .         | } | One species from the Mediterranean and the East Atlantic.   |
|  |   |   |
| 6. <i>Physiculus dalwigki</i> , .      | . | Madeira and St Helena.  |
| 7. <i>Haloporphyrus lepidion</i> , .   | . | Mediterranean, Madeira, and Coast of Portugal.  |
| 8. <i>Macrurus japonicus</i> , .       | } | The species of <i>Macrurus</i> and <i>Coryphænoides</i> are generally distributed over the deep sea.    |
| 9. <i>Macrurus macrochir</i> , .       |   |   |
| 10. <i>Macrurus parallelus</i> , .     |   |   |
| 11. <i>Coryphænoides nasutus</i> , .   |   |   |
| 12. <i>Coryphænoides villosus</i> , .  |   |   |
| 13. <i>Bathythrissa dorsalis</i> .     | . | Peculiar to the sea off Japan.  |
| 14. <i>Xenodermichthys nodulosus</i> . | . | Peculiar to the sea off Japan.  |
| 15. <i>Gonostoma gracile</i> , .       | } | One species from the Mediterranean and Madeira, the other from the deep sea, and generally distributed. |
|  |   |   |
| 16. <i>Synaphobranchus pinnatus</i> ,  | . | Madeira, Brazil.  |
| 17. <i>Synaphobranchus affinis</i> .   | . | Japan.  |
| 18. <i>Nettastoma parviceps</i> ,      | . | One species from the Mediterranean.   |
| 19. <i>Myxine australis</i> ,          | . | Southern Coasts of South America.   |

*Trygon pastinaca*, L., Market of Yokohama.

*Myliobatis aquila*, L., Market of Yokohama.

*Percalabrax japonicus*, C. V., off Inosima, from Japanese fisher-boats; Inland Sea, from Japanese fisher-boats.

*Nippon spinosus*, C. V., Market of Yokohama.

*Serranus octocinctus*, Schleg. (= *Serranus mystacinus*, Poey.), Market at Yokohama.

*Apogon lineatus*, Schleg., Inland Sea of Japan, Yokohama Bay, 15 fathoms; Harbour of Kobé, 8 fathoms.

*Scombrops chilodipteroides*, Blkr., off Inosima, 345 fathoms.

*Hapalogenys mucronatus*, Eyd. and Soul., Harbour of Kobé, 8 fathoms.

*Chatodon modestus*, Schleg., Market of Yokohama.

*Upeneoides bensasi*, Schleg., Market at Yokohama, Kobé.