

EXPLANATION OF PLATES.

KEY TO THE FIGURES ON THE PLATES.

Plate LXIX. figs. 1-14.
 Plate LXX. figs. 15-24.
 Plate LXXI. figs. 25-33.

Plate LXXII. figs. 34-44.
 Plate LXXIII. figs. 45-63.

PHOSPHORESCENT ORGANS.

1. Regular, ocellar, simple, sunk, without pigment.

Opostomias micripnus, . Figs. 34, 35, 37.

2. Regular, ocellar, simple, sunk, with pigment.

Opostomias micripnus, . }
Echiostoma barbatum, . }
Pachystomias microdon, . } Figs. 1, 2, 5, 10, 38, 39.
Malacosteus indicus, . }
Astronesthes niger, . }

3. Regular, ocellar, composite, sunk, without reflector.

Opostomias micripnus, . }
Echiostoma barbatum, . }
Pachystomias microdon, . } Figs. 1, 2, 3, 4, 32, 33.
Astronesthes niger, . }

4. Regular, ocellar, composite, sunk, with reflector.

Argyrolepecus hemigymnus, . }
Sternoptyx diaphana, . } Figs. 15, 17, 18, 19, 20, 21, 22, 23, 24, 43, 44.
Scopelus benoiti, . }

5. Regular, ocellar, projecting.

Xenodermichthys nodulosus, . Figs. 49, 50, 51, 52, 53.

6. Regular, ocellar, covered organs attached to the lateral line.

Halosaurus macrochir, . }
Halosaurus rostratus, . } Figs. 54, 55, 56, 57, 58, 59, 60, 61, 62, 63.