

*Ventral* fins attached under the abdomen and behind the *pectoral*. Here, as we ascend, we meet with the *sprat*,\* the *herring*,† the *hassar*,‡ the *salmon*,§ the *anableps*, the *roach*,|| *tench*,¶ and *carp*\*\*.

Order 4. (Cuv. 1.)—The *Acanthopterygians*, or spiny-rayed Fishes. First rays of the *dorsal* fin, or of the *first dorsal* fin, spiny, or *dorsal spines* in the place of *dorsal fins*. Under this vast Order are arranged an infinity of families and genera, which Cuvier seems to lament that he was obliged to leave together.†† The *tobacco-pipe-fish*,‡‡ the *rasor-fish*,§§ the *fishing-frogs*,|||| the *lyre-fish*,¶¶ the *John Dory*,\*† the *sword-fish*,\*‡ the *mackarel*,\*§ the *gurnard*,\*|| the *mulletts*,\*¶ and the *perch*,\*\*\* are amongst those that belong to this Order.

It is impossible to consider the Orders of Fishes as we have done those of Insects, and give any satisfactory account of the functions and instincts of the several families and tribes that compose them. We cannot dip beneath the waves, to visit the depths of the ocean, that we may investigate their manners and history, but, doubtless, we may conclude, that the same Wisdom, Power, and Goodness, which we find so visibly manifested in the structure and operations of all the animals that are under our eyes and inspection, have equal place, and are equally conspicuous, when brought into view, in the marine and other

\* Clupea Sprattus.

‡ Doras. Callicthys.

|| Cyprinus Rutilus.

\*\* C. Carpio.

‡‡ Fistularia.

|||| Lophius. Malthus, Batrachus.

\*† Zeus Faber.

\*§ Scomber Scombrus.

\*¶ Mullus.

† C. Harengus.

§ Salmo.

¶ C. Tinca.

†† Règne Anim. ii. 131.

§§ Coryphæna.

¶¶ Callionymus Lyra.

\*‡ Xiphias.

\*|| Trigla Gurnardus.

\*\*\* Perca.