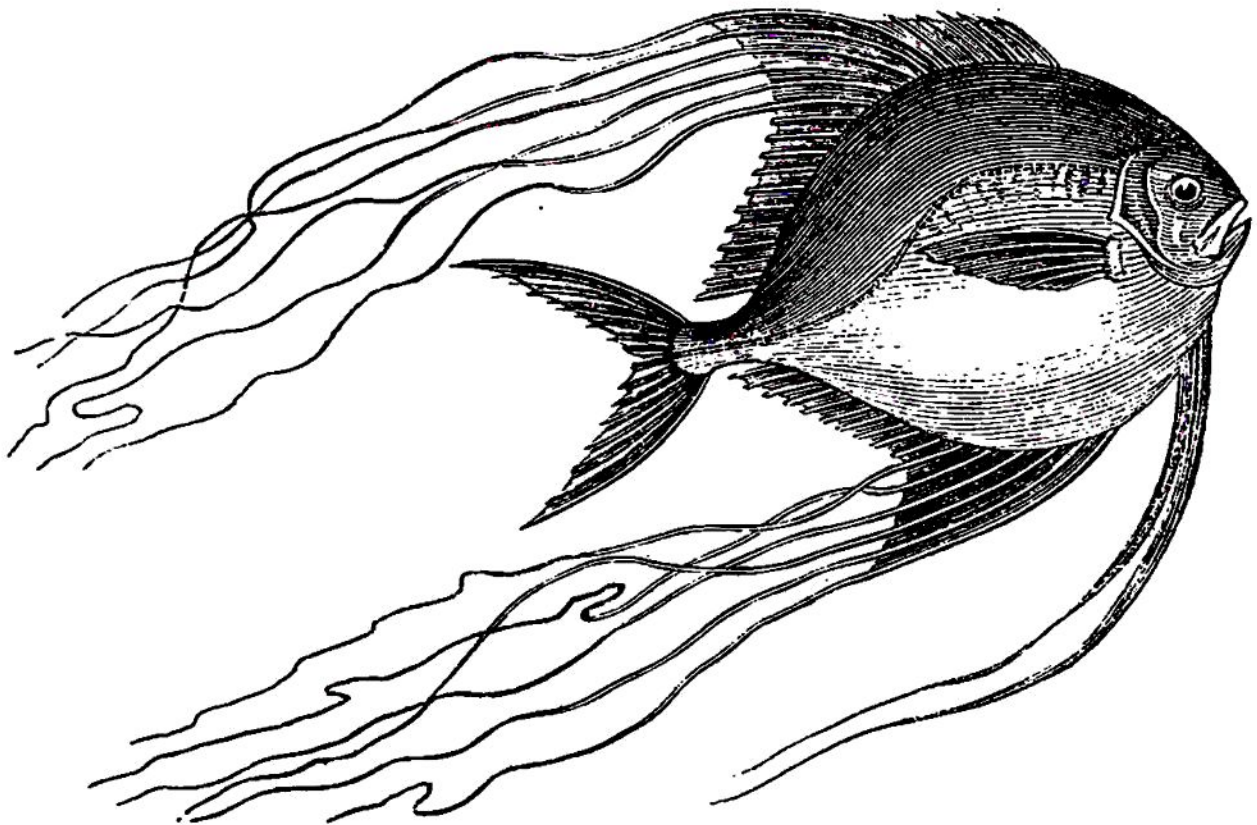


*sciæna jaculatrix*, according to Pallas, has a similar power; and the *sparus insidiator* catches aquatic insects by the sudden projection of its snout. It is affirmed by some naturalists that the rays of the dorsal and anal fins, as in the cordonnier of Martinique (*zeus ciliaris*, le blepharis, Cuv.), are employed to grapple or coil round the stems of plants and sustain the fish.



The several offices attributed to these processes in fishes imply that they possess sensibility, if not muscular power.

By anatomical investigation and experiment, I, some years ago, discovered that the sensibility of all the head, and of its various appendages, resulted from one nerve only of the ten which are enumerated as arising from the brain, and