

showing that they do not catch anything when sent down open. Successful trawlings at Stations 1 and 3 resulted in both cases in catches of over 300 fishes belonging to the ordinary coast-

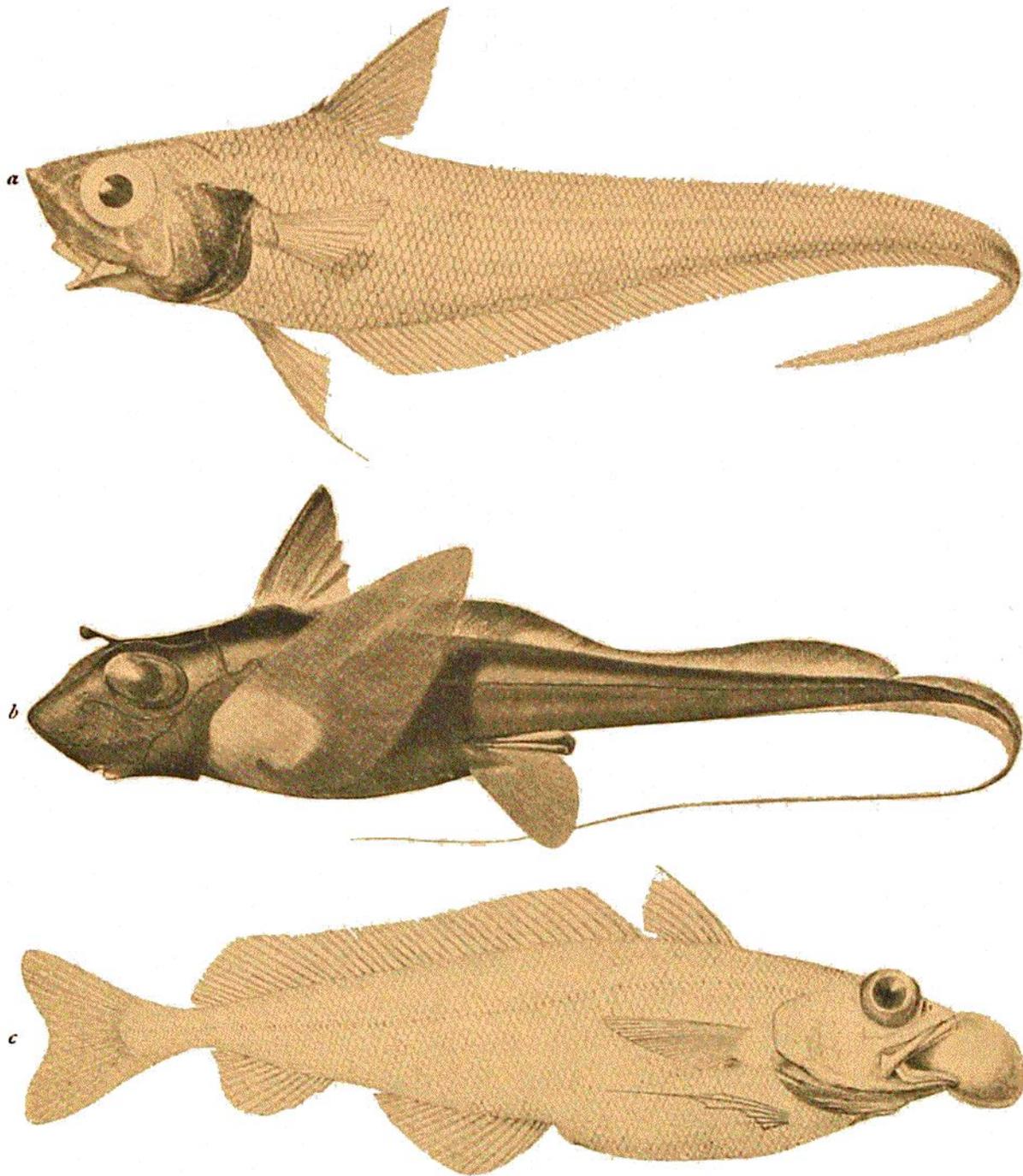


FIG. 39.—THREE DEEP-SEA FISHES FROM STATION 4, 923 metres (about 500 fathoms).

- a, *Macrurus aequalis*, Gthr. Nat. size, 23 cm.
- b, *Chimera mirabilis*, Collett. Nat. size, 71 cm.
- c, *Mora mora*, Risso. Nat. size, 45 cm.

bank species. Even these first hauls, however, made it evident that the big winch did not run smoothly when paying out line.

On the morning of Monday, 11th April, a sounding at Station 4 gave us 923 metres. The big trawl was shot with 2360 metres of wire. At 3 P.M. we assumed that it was on the bottom, and