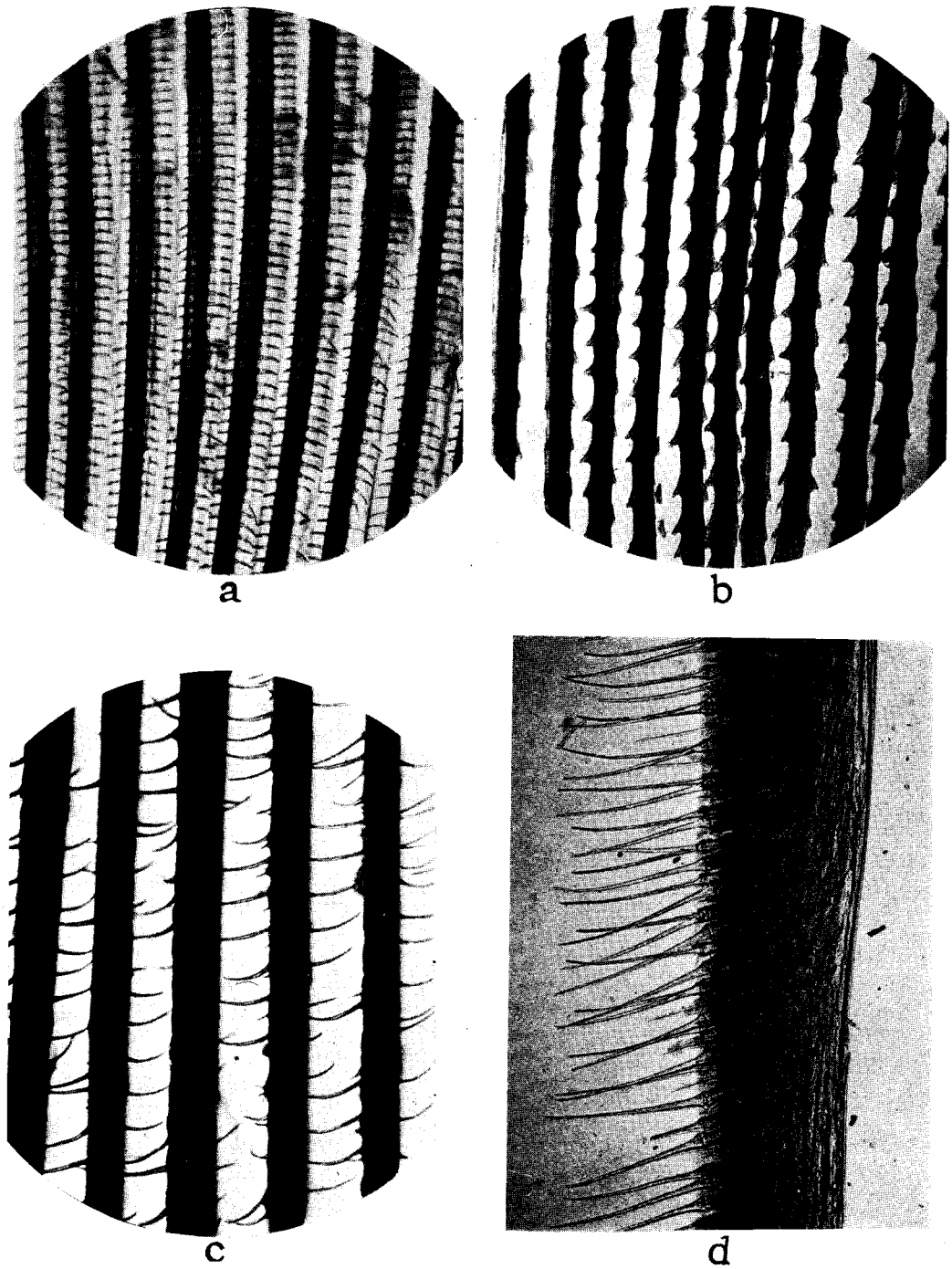

FIG. 42.—Segments of the branchial sieves of three common fishes that feed on plankton. **a**, Menhaden, *Brevoortia tyrannus;* **b**, herring, *Clupea harengus;* **c**, mackerel, *Scomber scombrus;* **d**, mackerel, side view of gill raker, with gill spines. × 25