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Strait of Gibraltar where warm, salty Mediterranean water spills across a
sill, intrudes into the cooler, fresher Atlantic water, and spreads west at a
depth of 1200 meters. Sinking of salt
from this warm core to the fresher
water below occurs by a convective
process called salt fingering. The rain
catchment on Gibraltar is a reminder
that water is separated from salt by
solar energy but in the steady state
must mix again as beneath the Medi-
terranean outflow. See page 941.
[U.S. Navy]