

THE
AMERICAN JOURNAL
OF
TROPICAL MEDICINE
AND HYGIENE

VOLUME 21

EDITED BY

PAUL C. BEAVER
Editor

ALBERT MILLER
Associate Editor

HELEN B. DAY
Editorial Assistant

Editorial Board

WILLIAM McD. HAMMON
RODNEY JUNG
HARRY MOST
ROBIN D. POWELL
ELVIO SADUN

LEON H. SCHMIDT
ROBERT E. SHOPE
HAROLD TRAPIDO
ROBERT BRIGGS WATSON
THOMAS H. WELLER

OFFICIAL ORGAN OF
THE AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE