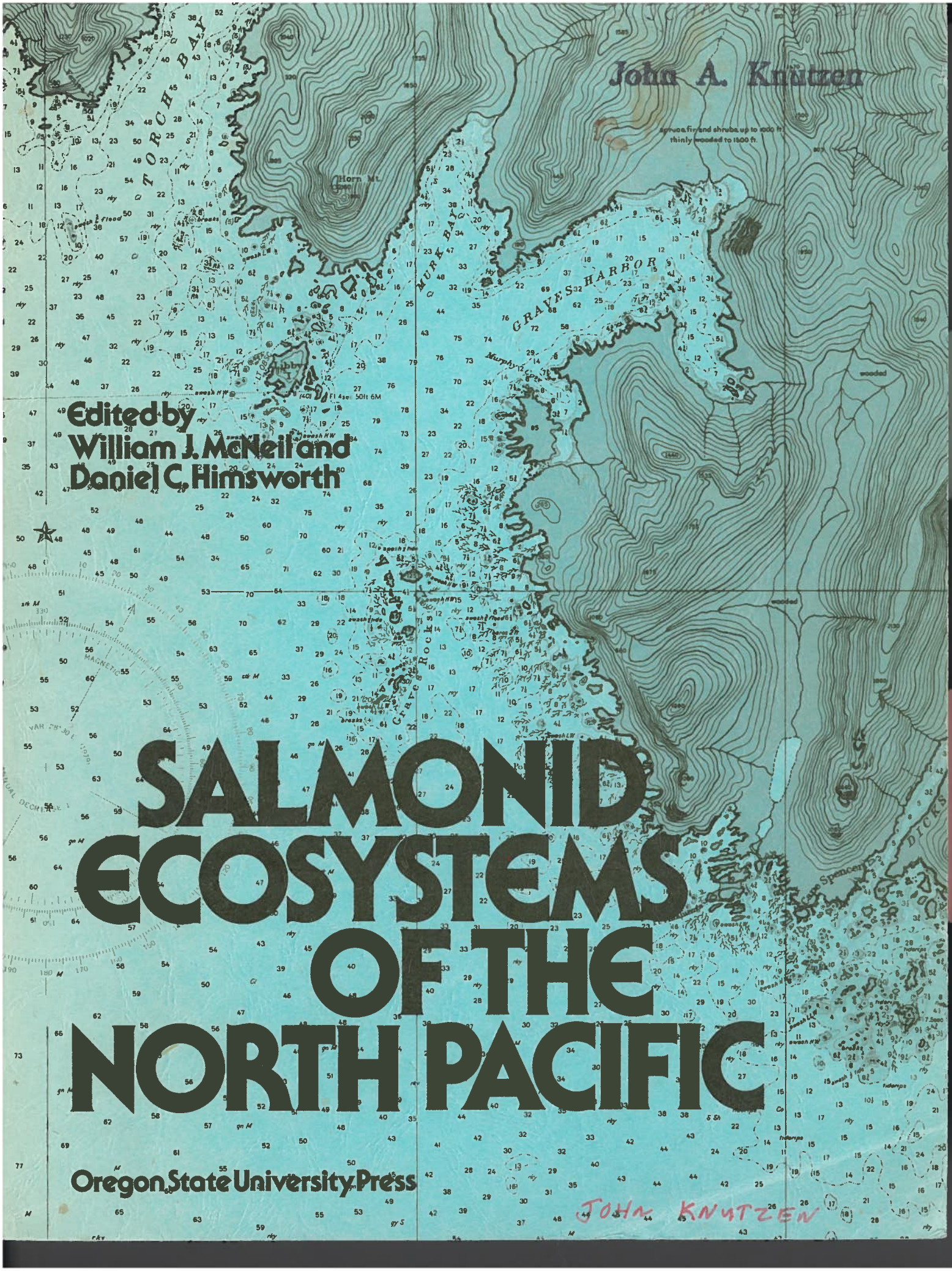

SALMONID ECOSYSTEMS OF THE NORTH PACIFIC

Edited by
William J. McNeil and
Daniel C. Himsworth

Oregon State University Press

JOHN KNUTZEN

Salmonid Ecosystems of the North Pacific

Salmonid Ecosystems of the North Pacific

Edited by

William J. McNeil
Daniel C. Himsworth

Published by

OREGON STATE UNIVERSITY PRESS
AND
OREGON STATE UNIVERSITY SEA GRANT COLLEGE PROGRAM
Corvallis, Oregon

Library of Congress Cataloging in Publication Data
Main entry under title:

Salmonid ecosystems of the North Pacific.
1. Pacific salmon—Ecology. 2. Fishes—Ecology.
3. Fish-culture—Northwest, Pacific. I. McNeil,
William J. II. Himsworth, Daniel C., 1953-
QL638.S2S24 597'.55 80-14800
ISBN 0-87071-335-3

© 1980 by the Oregon State University Press
Printed in the United States of America
All rights reserved

The Oregon State University Sea Grant College Program is supported cooperatively by the National Oceanic and Atmospheric Administration, U.S. Department of Commerce, by the State of Oregon, and by participating local governments and private industry.

This publication was supported in part by the National Marine Fisheries Service.