

PACIFIC SCIENCE

A QUARTERLY DEVOTED TO THE BIOLOGICAL
AND PHYSICAL SCIENCES OF THE PACIFIC REGION

VOLUME 26

JANUARY 1972

NUMBER 1

CONTENTS

- An Ecological Study of the Soil Microfungi in a Hawaiian Mangrove Swamp
Benny K. H. Lee and Gladys E. Baker 1
- Environment and the Distribution of Microfungi in a Hawaiian Mangrove Swamp
Benny K. H. Lee and Gladys E. Baker 11
- Algal Growth on Beaks of Live Parrotfishes and *Rufo J. Lujan* *Roy T. Tsuda, Helen K. Larson,* 20
- A Revision of the Species of the Algal Genus *Porphyra* Occurring on the Pacific Coast of North America *V. Krishnamurthy* 24
- On *Melanochlamys* Cheeseman, 1881, a Genus of the Aglajidae (Opisthobranchia, Gastropoda) *W. B. Rudman* 50
- A Report on a Small Collection of Pontoniid Shrimps from Fiji, with the Description of a New Species of *Coralliocaris* Stimpson (Crustacea, Decapoda, Natanatia, Pontoniinae) *A. J. Bruce* 63
- Hermit Crabs from Eastern New Guinea *Eldon E. Ball, Jr. and Janet Haig* 87
- Submarine Canyons off Eastern Oahu *James E. Andrews and Charles Bainbridge* 108
- Carbohydrate and Lipid Levels in the Intestine of *Holothuria atra* (Echinodermata, Holothuroidea) *John M. Lawrence* 114

(continued on following page)

Previous issue published 26 October 1971

CONTENTS (*continued*)

Diurnal Rhythm of Body Temperature in the Hawaiian Monk Seal (<i>Monachus schauinslandi</i>) C. A. Obata, D. T. Matsuura, G. C. Whitow, and S. W. Tinker	117
<i>Strongylodon secundus</i> (Leguminosae), a Melanesian Species. Pacific Plant Studies 22 Harold St. John	121
A New Genus and New Species of Hawaiian Gobiid Fish Wayne J. Baldwin	125

TO OUR SUBSCRIBERS . . .

Increased subscription rates, previously announced in the July 1971 issue of Pacific Science, are now in effect. They are as follows:

	INSTITUTIONS	INDIVIDUALS
Single Copy	\$ 3.75	\$ 2.25
1 Year	14.00	8.00
2 Years	27.00	15.00
3 Years	39.00	21.00

Journals Department
The University Press of Hawaii
Honolulu, Hawaii 96814

PACIFIC SCIENCE is published by The University Press of Hawaii in January, April, July, and October. Subscription rates to institutions: 1 year, \$14.00; 2 years, \$27.00; 3 years, \$39.00; single copy, \$3.75. Subscription rates to individuals: 1 year, \$8.00; 2 years, \$15.00; 3 years, \$21.00; single copy, \$2.25. Check or money order payable to The University Press of Hawaii should be sent to The University Press of Hawaii, 535 Ward Avenue, Honolulu, Hawaii 96814, U.S.A. Claims for issues not received will be honored until 1 year past the date of publication; thereafter, the single copy rate will be charged. Printed by The Heffernan Press Inc., 35 New Street, Worcester, Massachusetts 01605.