# Index to Volume XIII


*Abrus precatorius* forma *luteoseminalis* forma nov., 168
*Alpheus bastardi,* 147
*collumianus medius,* 138
*crassimanus,* 147
*diadema,* 141
*edmondsi,* 141
*frontalis,* 141
*huikau* nom. nov., 139–140
*lanceloti,* 143
*lanceostylus* sp. nov., 136–138
*lutini,* 141
*macrochirus,* 141
*malabaricus* subsp. nov. *mackayi,* 149
*pacificus,* 149
*paragracilis,* 140
*phrygianus,* 141
*platyunguiculatus,* 146
*rapax,* 143
*strenuus,* 149
*ventrosus,* 141
Aluminum in Some Hawaiian Plants, 335–341
*Aplysia californica,* 63–66; 357–361
*depilans,* 357
*punctata,* 361
aplysioazurin, 361
*Arete dorsalis,* 130
*indicus,* 130
*Ascyltus pterygodes,* 365

BANNER, ALBERT H.:
Contributions to the Knowledge of the Alpheid Shrimp of the Pacific Ocean, Part IV. Various Small Collections from the Central Pacific Area, including Supplementary Notes on Alpheids from Hawaii, 130–155
BARY, B. M.:
Species of Zooplankton as a Means of Identifying Different Surface Waters and Demonstrating Their Movements and Mixing, 14–54
Ecology and Distribution of Some Pelagic Hyperiidea (Crustacea, Amphipoda) from New Zealand Waters, 317–334
*Bavia aericeps,* 365
*Bobea elatior,* 3–13
Botanical Novelties on the Island of Niihau, Hawaiian Islands. Hawaiian Plant Studies 25, 156–190

*Caligus klawei* n. sp., 351–356
CARLQUIST, SHERWIN:
Vegetative Anatomy of *Dubautia, Argyroxiphium,* and *Wilkesia* (Compositae), 195–210
*Ceramium eitonianum,* 64
Chaetognatha of the Tropical Eastern Pacific Ocean, 269–285
*Cheirodendron trigynum* var. *Hillebrandii,* 171–172
*Chiracanthium diversum,* 364–365
*furax,* 364
*longimanum,* 364
*Clubiona alveolata,* 365
Composition and Nutritive Value of Palolo (*Palola siciliensis* Grube), 191–194
*Conopistha samoensis,* 366
*unimaculata,* 366
Contributions to the Knowledge of the Alpheid Shrimp of the Pacific Ocean, Part IV. Various Small Collections from the Central Pacific Area, including Supplementary Notes on Alpheids from Hawaii, 130–155
*Conus abbreviatus,* 371
*acutangulus,* 371–372
*arenatus,* 398
*aristophanes,* 398
*atramentosus,* 398
*aulicus,* 397
*aureus,* 397
*auricomus,* 397
*bullatus,* 372–373
*cancellatus,* 398
*capitaneus,* 373–375
*catus,* 375
*chaldaeus,* 375–377
*circumactis,* 377–378
*cylindraceus,* 397
*distans,* 378
*ebraeus,* 378–379
*elisae,* 396–397
*emaciatus,* 398
*fabula,* 397
*flavidus,* 379
*fusiformis,* 398
*imperialis,* 379–380
*leopardus,* 380–381
*litoglyphus,* 381–382
*lividus,* 382–383
*marmoreus,* 383–384
*miles,* 384
*miliaris,* 398–399
*moreleti,* 384–385
*nusatella,* 385
*obscurus,* 385–386
*parvus,* 399
*pennaceus,* 386–387
*pertusus,* 387
*pulicarius,* 387–388
*quercinus,* 388
*rattus,* 388–389
*retifer,* 389
*scabriusculus,* 397
*smirna,* 397
*spiceri,* 389–390
*sponsalis,* 390–391
*striatus,* 391–392
*suturatus,* 392–393
*tenuistriatus,* 398
*tessulatus,* 393
*textile,* 393–394
*tulipa,* 398
*vexillum,* 394–395
*virgo,* 399
*vitulinus,* 395
*Crouania annulata,* 61–62
*Cyclosa litoralis,* 366
*Cyllopus macropis,* 317–334
*magellanicus,* 317–334
*Cyrtoph·ra moluccensis,* 366

*Delissea argutidentata* comb. nov., 181
*niihauensis* sp. nov., 177–180
*Diaea praetexta,* 365
*Dictyna bifasciata,* 363

Ecology and Distribution of Some Pelagic Hyperiidea (Crustacea, Amphipoda) from New Zealand Waters, 317–334
*Eleocharis calva* var. *australis* comb. nov., 159–163
*Embassichthys bathybius,* 311–312
*Engraulis mordax,* 351
*Epeira plebeja,* 366
*theisi,* 366
*Erasmia nigrovittata,* 365
*Erythrina sandwicensis*
var. *luteosperma* var. nov., 171
var. *sandwicensis*
forma *alba* forma nov., 171
forma *lutea* forma nov., 171
forma *sandwicensis,* 168–171
*Eukrohnia hamata,* 282
Evapotranspiration in Hong Kong: A Second Report, 81–87

Flora of Namonuito and the Hall Islands, 88–104
Four New Species, a New Genus, and a New Suborder of Hawaiian Fishes, 67–77

*Gamasomorpha loricata,* 363
*Germo alalunga,* 342
*Gigartina canaliculata,* 64
GOSLINE, WILLIAM A.:
Four New Species, a New Genus, and a New Suborder of Hawaiian Fishes, 67–77
*Gulsonia annulata,* 55–62
*mediterranea,* 62

Hawaiian Species of *Conus* (Mollusca: Gastropoda), 368–401
*Hazeus unisquamis* sp. nov., 67, 70–71
*Heteropoda venatoria,* 365
HUBBS, CARL L.:
Initial Discoveries of Fish Faunas on Seamounts and Offshore Banks in the Eastern Pacific, 311–316
HURLEY, D. E.:
Notes on the Ecology and Environmental Adaptations of the Terrestrial Amphipoda, 107–129
*Hyperia bengalensis,* 324
*spinigera,* 324–334
*Hyperoche mediterranea,* 317–334
*medusarum,* 324–334

Initial Discoveries of Fish Faunas on Seamounts and Offshore Banks in the Eastern Pacific, 311–316
Intraspecific Variation in the Purple Secretion of the California Sea Hare, *Aplysia californica* Cooper, 357–361

*Katsuwonus pelamis,* 342–348
KENYON, KARL W., and DALE W. RICE:
Life History of the Hawaiian Monk Seal, 215–252
Key to the Chaetognatha of the Tropical Eastern Pacific Ocean, 269–285
KOHN, ALAN T.:
The Hawaiian Species of *Conus* (Mollusca: Gastropoda), 368–401

*Krohnitta pacifica,* 281
*subtilis,* 281–282

*Leucauge tuberculata,* 366
Life History of the Hawaiian Monk Seal, 215–252
*Lipochaeta kawaihoaensis* sp. nov., 181–185
*lobata* var. *incisior* var. nov., 185
*lobata* var. *maunaloensis,* 185–186
*niihauensis* sp. nov., 186–189

Marine Mollusca of the New Hebrides, 253–268
MARPLES, B. J.:
Spiders from Some Pacific Islands, III. The Kingdom of Tonga, 362–367
Mechanism of Color Variation Operating in the West Coast Sea Hare, *Aplysia californica* Cooper, 63–66
*Menemerus bivittatus,* 365
MILLER, CAREY D., and FLORENCE PEN:
Composition and Nutritive Value of Palolo (*Palola siciliensis* Grube), 191–194
*Mollicia microphthalma,* 365
*Monachus schauinslandi,* 215–252
MOOMAW, J. C., MARTHA T. NAKAMURA, and G. DONALD SHERMAN:
Aluminum in Some Hawaiian Plants, 335–341

*Neanthes lighti,* 349–350
*Neothunnus macropterus,* 342
*Nephila flagellans,* 366
*Nereis limnicola,* 349–350
News Notes:
Tenth Pacific Science Congress, 211–212
Executive Committee of the Tenth Congress, 306–307
New Species of *Caligus* (Copepoda Parasitica) from the Coast of California, 351–356
New Species of Polychaetous Annelid (Family Capitellidae) from Southern California, 78–80
Note:
Walford's Transformation, 211
Notes on Indo-Pacific Scleractinian Corals, Parts I and II, 286–290
Notes on the Ecology and Environmental Adaptations of the Terrestrial Amphipoda, 107–129
*Nototrichium sandwicense* var. *niihauense* var. nov., 166–168

Occurrence of Gibbsite Amygdules in Haiku Bauxite Area of Maui, 291–294
*Orchestia* spp., 107–129
*Oryzotrochus* n. gen., 286
*stephensoni* n. sp., 286–288

*Palola siciliensis,* 191–194
*Panicum Heupueo* sp. nov., 156–158
*radiatius* nom. nov., 158–159
*Paralycaea gracilis,* 324–334
*Parascelis typhoides* (?), 325–334
*Parathemisto australis,* 317–334
*gaudichaudii,* 317–334
*gracilipes,* 317–334
Pattern and Ontogeny of the Foliar Venation of *Bobea elatior* (Rubiaceae), 3–13
*Pholcus ancoralis,* 364
*Phronima sedentaria,* 325–334
*Physocyclus globosus,* 364
*Platyscelus ovoides,* 324–334

*Plexippus payculli,* 365
*Plocamium pacificum,* 64–66, 360
*Pogonymus,* n. gen., 67, 71–72
*pogognathus* n. sp., 67, 72–73
PRAY, THOMAS R.:
Pattern and Ontogeny of the Foliar Venation of *Bobea elatior* (Rubiaceae), 3–13
*Primno macropa,* 325–334
*Pritchardia Aylmer-Robinsonii* sp. nov., 163
*Pterosagitta draco,* 282–283
*Pterygotrigla picta,* 313–315

*Quisquilius aureoviridis* sp. nov., 67, 68–69
*eugenius,* 67–68
*limbatosquamis* sp. nov., 67, 69–70

RAMAGE, C. S.:
Evapotranspiration in Hong Kong: A Second Report, 81–87
*Rauvolfia serpentina,* 295
REISH, DONALD J.:
A New Species of Polychaetous Annelid (Family Capitellidae) from Southern California, 78–80
*Reynoldsia sandwicensis,* 172–173
*Rhomphaea cometes,* 366
RIFFENBURGH, ROBERT H.:
A Note on Walford's Transformation, 211

*Sagitta bedoti,* 271
*bipunctata* = *S. californica,* 271–272
*decipiens,* 273
*enflata,* 274
*ferox,* 274–275
*hexaptera,* 275
*lyra,* 275–276
*minima,* 276–277
*neglecta,* 277
*pseudoserratodentata,* 280
*pulchra,* 277–278
*regularis,* 278
*robusta,* 278–279
*serratodentata pacifica,* 279
*tenuis* = *friderici,* 280–281
*Salmoneus tricristata* sp. nov., 131–133
*Schindleria,* 73–76
*praematurus,* 74
Schindlerioidei, new suborder, 67, 73–76
*Scyphoproctus djiboutiensis,* 78–80
*gravieri,* 78–80
*oculatus* n. sp., 78–80
*Scytodes marmorata,* 363
*striatipes,* 364
*Sebastodes ruberrimus,* 312
SHERMAN, G. DONALD, and HARUYOSHI IKAWA:
Occurrence of Gibbsite Amygdules in Haiku Bauxite Area of Maui, 291–294
SHIINO, SUEO M.:
On a New Species of *Caligus* (Copepoda Parasitica) from the Coast of California, 351–356
*Sicyos niihauensis* sp. nov., 175–177
*Smeringopus elongatus,* 364
SMITH, RALPH I.:
The Synonymy of the Viviparous Polychaete *Neanthes lighti* Hartman (1938) with *Nereis limnicola* Johnson (1903), 349–350
*Solanum Nelsoni* var. *Nelsoni,* 173–175
SOLEM, ALAN:
Marine Mollusca of the New Hebrides, 253–268
Spiders from Some Pacific Islands, III. The Kingdom of Tonga, 362–367
Species of Zooplankton as a Means of Identifying Different Surface Waters and Demonstrating Their Movement and Mixing, 14–54
ST. JOHN, HAROLD:
Botanical Novelties on the Island of Niihau, Hawaiian Islands. Hawaiian Plant Studies 25, 156–190
STONE, BENJAMIN C.:
The Flora of Namonuito and the Hall Islands, 88–104
Structure and Reproduction of *Gulsonia annulata* Harvey (Rhodophyta), 55–62
SUND, PAUL N.:
A Key to the Chaetognatha of the Tropical Eastern Pacific Ocean, 269–285
SWANHOLM, CARL E., HAROLD ST. JOHN, and PAUL J. SCHEUER:
A Survey for Alkaloids in Hawaiian Plants. Part I, 295–306
*Synalpheus carinatus,* 133
*charon obscurus,* 133
*coutierei,* 133
*paraneomeris,* 133
*tuthilli* sp. nov., 133–136
Synonymy of the Viviparous Polychaete *Neanthes lighti* Hartman (1938) with *Nereis limnicola* Johnson (1903), 349–350

Tagging of Skipjack in Hawaiian Waters, 342–348
*Talitrus* spp., 107–129
*Tetragnatha macilenta,* 366
*panopea,* 366
*Theridion adamsoni,* 366
*albostriatum,* 366
*aleipata,* 366
*Thorellia ensifera,* 366
*Thunor microscaphis* sp. nov., 151–154
*Turbinaria heronensis* n. sp., 287–290

Vegetative Anatomy of *Dubautia, Argyroxiphium,* and *Wilkesia* (Compositae), 195–210
*Vibilia stebbingi (?),* 325–334
*Vitia albipalpis,* 366

WELLS, JOHN W.:
Notes on Indo-Pacific Scleractinian Corals. Parts I and II, 286–290
WINKLER, LINDSAY R.:
A Mechanism of Color Variation Operating in the West Coast Sea Hare, *Aplysia californica* Cooper, 63–66
Intraspecific Variation in the Purple Secretion of the California Sea Hare, *Aplysia californica* Cooper, 357–361
WOLLASTON, ELISE M., and H. B. S. WOMERSLEY:
The Structure and Reproduction of *Gulsonia annulata* Harvey (Rhodophyta), 55–62

YAMASHITA, DANIEL T., and KENNETH D. WALDRON:
Tagging of Skipjack in Hawaiian Waters, 342–348

*Z nogobius farcimen,* 68