

INDEX

Index

- aalii, 19, 48
ABBOTT, ISABELLA A.:
Brackish-Water Algae from the Hawaiian Islands, 193-214
Acacia Koa, 14, 18, 19, 47, 99
Acanthocephalids, immature, 77
Acridotheoris tristis, 70
Acrochaetium, 196, 203
 robustum, 202, 203
 seriatum, 202, 203
Aedes aegypti, 77, 80
 albopictus, 77
Aelurostrongylus abstrusus, 77, 78
Agaricus, 93
alaea laau, 11, 12
Aleurites moluccana, 11, 15, 47, 99
 triloba, 10
Algae
 brackish-water, from Hawaiian Islands, 193-214
 brown, 193, 195, 199-200
 fresh-water, 195, 211
 green, 193, 195, 196-199
 key to Hawaiian brackish-water, 195-196
 marine, 193, 194
 red, 193, 195, 200-211
 salt-water, 193, 194
ALICATA, JOSEPH E.
Parasites and Parasitic Diseases of Domestic Animals in the Hawaiian Islands, 69-84
Alphitobius diaperinus, 70, 79
Ammophirus insularis, 70, 79
Amphibia (in *Bibliographica Micronesica*), 143-144
Amphipoda, 70, 71, 79, 80
Analysis of oxygen and chloride in pond waters, 108-115
anaplasmosis, 69
Anoplocephala magna, 76, 81
 perfoliata, 76, 81
Anchoviella purpurea, 241
Ancylostoma caninum, 77, 78, 80
Anoplura, 79, 80
Anthropological Sciences, 55
ants, 71, 80
Aphodius livius, 72, 79
 spp., 74, 83
Arcyria denudata, 94
 nutans, 94
Arbythmorbynchus sp., 77, 78
arsenic
 accumulation in foods, 153-154
 accumulation in soils, 151-171
 in Hawaiian soils, 152, 159-169
Arsenic: phosphorus ratio in soils, 151-159
Arsenic Toxicity Studies in Soil and in Culture Solution, 151-171
Arthropoda, 70-83
Artiodactyla, 79, 80, 82, 83
Artocarpus incisus, 96, 99, 100, 102, 106
Ascaridia galli, 70, 79
Ascaris suum, 74, 82
Ascarops strongylina, 74, 83
Atractomorpha ambigua, 70, 79
auricular myiasis, 73
Auricularia, 94, 102, 104
Auricularia adnata, 104, 105
 ampla, 101-104
 auricula-judae, 93, 103
 auricularis, 102
 cornea, 103
 mesenterica, 104, 105
 ornata, 103, 104-105
 peltata, 105
Aves (in *Bibliographica Micronesica*), 136-143
awa, 194
Balantidium coli, 74, 82
BALDWIN, PAUL H., and FISHER, HARVEY I.:
Notes on the Red-billed Leiothrix in Hawaii, 45-51
BARTSCH, PAUL:
 The Little Hearts (*Corculum*) of the Pacific and Indian Oceans, 221-226
Basidiomycetes, 95-106
Bassia, 10
Batis maritima, 194, 197, 200, 203, 212
bean, toxicity of arsenic for, 151-171
beetles, 70, 71, 72, 74, 79, 83
Bennett's Locality for Sandalwood, 9
Bibliographica Micronesica, Chordate sections, 129-150
bibliography, botanical, of Pacific Islands (notice of), 189
bird malaria, 51, 70
Bishop Museum (research facilities), 119-120
biting louse, 76
Bixa Orellana, 11, 12
blackhead of turkeys, 70
bladderworm, 73, 75, 76, 77, 78
Blattella germanica, 71, 72, 79, 80
blowfly, 73, 76
Board of Agriculture and Forestry, 123
 of Health, 123
 of Water Supply (Honolulu), 121
Boletus Katui, 93
 sanguineus, 93
Bos taurus, 72-74, 78-79
bot fly, 76

- botanical bibliography of the islands of the Pacific (notice of), 189
Botryobasidium isabellinum, 106
Bourdotia, 96, 99
Bovicola bovis, 73, 79
 _{caprae}, 76, 81
bovine coccidiosis, 72
Brackish-Water Algae from the Hawaiian Islands, 193-214
Bryopsis, 196, 198
 _{Harveyana}, 198, 199
 _{pennata} var. _{secunda}, 198
 _{plumosa}, 198, 199
 _{plumosa} var. _{Harveyana}, 198, 199
 var. _{Leprieurii}, 198
 var. _{pennata}, 198
 var. _{typica}, 198, 199
Bufo marinus, 70
Bunostomum phlebotomum, 72, 79
burrowing roach, 70
- California Packing Corporation
 (research facilities), 120
candle nut tree, 10
canine coccidiosis, 77
Canis familiaris, 75, 76, 77, 80-81, 83
Capra hircus, 76-77, 81
Cardiidae, 221
Cardissa, 221
Cardium cardissa, 221, 223
 _{dionaeum}, 224
 _{humanum}, 225
 _{inversum}, 222
 _{junonae}, 225
 _{monstrosum}, 222
 _{roseum}, 225
 _{unimaculatum}, 224
Carex longibrachiata, 118
 _{longifolia}, 118
 new species of, 116-118
 _{vitiensis}, 116-118
Carica Papaya, 100
Carpophilus dimidiatus, 70, 79
Casuarina, 47
cat, 51
 flea, 78
 parasites of, 77
cattle, 72, 73, 78
cattle grub, 73
Caulerpa, 196, 199
 _{Sertularioides}, 199
cecal fluke, 71
Centroceras, 196, 207
 _{clavulatum}, 195, 207, 208, 210
Ceramium, 195, 196, 207, 210
 _{diaphanum}, 208, 210
 _{Kuetzingianum}, 208
 sp. (1), 208-210
 sp. (2), 209-210
Ceratiomyxa fruticulosa, 94
Ceratobasidium cornigerum, 96
Chaetomorpha, 195, 197
 _{aerea}, 197
 _{antennina}, 197
Chanos chanos, 194
chart showing travel times of seismic waves to Honolulu (insert), 184-185
Cheilospirura hamulosa, 70, 79, 83
chickens, parasites of, 69-71, 79-80
Chinese dove, 70
Chloride and Oxygen Analysis Kit for Pond Waters, 108-115
Chlorophyceae, 193, 195, 196
Choanotaenia infundibulum, 71, 80
Choerostrongylus pudendotectus, 74, 83
Chordate sections, *Bibliographica Micronesica*, 129-150
Chrysomia megacephala, 73, 76, 79, 82
 _{rufifacies}, 73, 79
Cibotium Chamissoi, 17, 49
Citrus spp., 105
Cladophora, 195, 198, 204
CLEMENTS, HARRY F., and MUNSON, JEROME:
 Arsenic Toxicity Studies in Soil and in Culture Solution, 151-171
coccidia, 69, 70, 72, 74, 77, 78, 79, 80, 82
coccidioses
 avian, 69, 79
 bovine, 72, 78-79
 canine, 77, 80
 rabbit, 78, 82
 swine, 74, 82
Cocos nucifera, 95, 97, 99, 100, 102, 106
Coleoptera, 70, 71, 79, 80
Columba livia domestica, 69-71, 82
Columbicola columbae, 71, 82
Comatricha Typhoides, 94
Conocephalus saltator, 70, 71, 79, 80
Convolvulus Batatas, 10
Cooperia pectinata, 72, 79
 _{punctata}, 72, 76, 79, 82
Copris incertus, 71
 _{minutus}, 71
Corculum (Little Hearts) of Pacific and Indian Oceans, 221-226
Corculum, key to species, 222
Corculum aselae, 222, 225, 226
 _{cardissa}, 222, 223, 224
 _{dionaeum}, 222, 224
 _{dolorosum}, 222
 _{humanum}, 222, 225
 _{inflatum}, 222
 _{levigatum}, 222, 226
 _{monstrosum}, 222, 226
 _{obesum}, 222, 224
Cordia "myxa," 105
Cordyline terminalis, 7, 47
Coriolus versicolor, 104
Corticium botryosum, 106
 _{suecicum}, 99

- Cox, D. C., et al.:
The Tsunami of April 1, 1946, in the
Hawaiian Islands, 21-37
- Cibraria tenella*, 94
- crop worm, 70
- Cryptonemiales, 204
- Ctenocephalides felis*, 77, 78, 80
- Culex quinquefasciatus*, 77, 80
- Curcuma longa*, 11, 12
- Cyathodes*, 10
- Cyatostomum coronatum*, 75, 81
- Cycles in Rainfall and Validity in Prediction of
Rainfall in Hawaii, 215-220
- Cyllicercus catinatus*, 75, 81
goldi, 75, 81
pateratus, 75, 81
- Cyllicocyclus leptostomus*, 75, 81
nassatus, 75, 81
- Cylcodontophorus bicoronatus*, 75, 81
euproctus, 75, 81
- Cylcostephanus calicatus*, 75, 81
longibursatus, 75, 81
minutus, 75, 81
- Cylicosternus asymmetricus*, 75, 81
- Cyperaceae, 116-118
- Cyrtosperma*, 93
- Dactylosternum abdominale*, 70, 79
- Damage by Tsunami of April 1, 1946, 34
- DEAN, R. B., and HAWLEY, R. L.:
A Chloride and Oxygen Analysis Kit for
Pond Waters, 108-115
- Dendrophilus punctatus*, 71, 80
- Dermanyssus gallinae*, 71, 80
- Dermoptera, 70, 80
- Dermestes vulpinus*, 70, 71, 72, 79, 80
- desmids, 195
- Dianella*, 10
sandwicensis, 11
- diatoms, 193, 194, 204
- Dicranopteris linearis*, 17, 48
- Dictyidium cancellatum*, 94
- Dictyocaulus viviparus*, 72, 79
- Diospyros Hillebrandii*, 11
- Dipylidium caninum*, 77, 78, 80
- Dirofilaria immitis*, 77, 80
- diseases, parasitic, of domestic animals, 69-84
cat, 77-78
cattle, 72-75, 78-79
chicken, 69-71, 79-80
dog, 77, 80-81
goat, 76-77, 81
guinea fowl, 69-71, 81
horse, 75-76, 81
peafowl, 69-71, 82
pigeon, 69-71, 82
rabbit, 78, 82
sheep, 76-77, 82
swine, 74-75, 82-83
turkey, 69-71, 83
- Dispharynx spiralis*, 70, 71, 79
- Dodonaea viscosa*, 19, 48
- dog, 51
parasites of, 75, 76, 77, 80, 81
- Dolomitization in Semi-arid Hawaiian Soils, 38-44
- domestic animals, parasites and parasitic
diseases of, 69-84
- dooe dooe, 15
- dourine, 69
- dove, Chinese, 70
- ear canker, 74
tick, 73, 76
- Earth Sciences, 55
- earthworms, 74, 83
- Echidnophaga gallinacea*, 71, 77, 78, 80, 81
- Ectocarpus*, 196, 199
Duchassaingianus, 199, 200
indicus, 195, 199, 200, 201
Mitchellae, 200
Sargassi, 200
- Eimeria bovis*, 72, 78
bukidnonensis, 72, 78
cylindrica, 72, 78
debliecki, 74, 82
scabra, 74, 82
spinosa, 74, 82
stiedae, 78, 82
tenella, 69, 79
zurnii, 72, 78
- Elaeocarpus bifidus*, 11
- Elatae*, 118
- enaena*, 11
- English sparrow, 70, 71
- Enteromorpha*, 194, 195, 196
flexuosa, 196-197
intestinalis, 197
spp., 200
- Eomenacanthus stramineus*, 71, 80
- epiphytes, 93
- Epitragus diremptus*, 70, 71, 79, 80
- Equus caballus*, 75-76, 81
- Erythrina sandwicensis*, 19
- Erythrorichia*, 196, 200
carnea, 195, 200, 204, 205
- Euborellia annulipes*, 70, 71, 80
- Eucalyptus*, 47
- Eucarex*, 118
- Eugenia malaccensis*, 15
sandwicensis, 16
- Eulota similaris*, 71, 77, 78, 80
- Euphorbiaceae, 11
- Euxestus* sp., 70, 79
- Exidia ampla*, 101
cornea, 103
- Exidiopsis cerina*, 96
- explosive eruption of Kilauea in 1924, 237-240
- eyeworm, 70

- facilities for research in Hawaiian Islands, 119-126
- Factors in the Behavior of Ground Water in a Ghyben-Herzberg System**, 172-184
- Fannia* sp., 73, 79
- Fasciola gigantica*, 69, 72, 75, 76, 79, 81, 82, 83
hepatica, 72, 76
- Fault at Waimea, Oahu**, 85-91
- Feldmannia*, 199
- Felicola subrostrata*, 78
- Felis domesticus*, parasites of, 77-78
- Fiji, new species of *Carex* from, 116-118
- filarid, skin, 72
- Filaroides osleri*, 77, 80
- FINCH, R. H.:**
The Mechanics of the Explosive Eruption of Kilauea in 1924, 237-240
- FISHER, HARVEY I.:**
Bibliographica Micronesica, Chordate Sections, 129-150
- The Skeletons of Recent and Fossil Gymnogyps, 227-236
- FISHER, HARVEY I., and BALDWIN, PAUL H.:**
Notes on the Red-billed Leiothrix in Hawaii, 45-51
- fish-ponds (of Hawaii), 193, 194
- fleas
cat, 78
sticktight, 71, 77, 78
- flies, 73, 75
- flukes, 69, 71, 72, 75, 76, 79, 80, 81, 82, 83
- Fomes amboinensis*, 93
- food, accumulation of arsenic in, 153-154
- Fossaria ollula*, 72, 79, 81, 82, 83
- fresh-water algae, 195, 211
- fruitfly investigations, 124
- FUJIMOTO, CHARLES K., et al.:**
Dolomitization in Semi-arid Hawaiian Soils, 38-44
- Fuligo septica*, 94
- Fulbright Act and financing research in Pacific, 245-246
- Fungi Imperfecti, 106
- Fungi of the Marshall Islands, Central Pacific Ocean, 92-107
- Galera* sp. (*confertae* aff.), 93
- Gallus gallus*, 69-71, 79-80
- Gardenia Remyi*, 47
- Gastrophilus intestinalis*, 76, 81
nasalis, 76, 81
- Gastropoda, 78, 79, 80, 81, 82, 83
- Gelidiales, 204
- Gelidium*, 196, 200, 203
pusillum, 203
pusillum var. *conchicola*, 204
- geology, ground-water, 172-184
- Geology (Waimea, Oahu), 85-91
- Ghost Prawns (Sub-Family Luciferinae) in Hawaii**, 241-242
- Ghyben-Herzberg system, factors affecting, 172-184
- Giffordia*, 199
- ginger, 15
- gizzard worm, 70
- Glaziella aurantiaca*, 95
vesiculosus, 95
- Gloetulasnella calospora*, 96
- Gnaphalium*, 10
sandwicensium, 11
- goats, parasites of, 76-77, 81
- Gongylonema ingluvicula*, 70, 79
pulchrum, 72, 79
- Goniocotes gigas*, 71, 80
bologaster, 71, 80, 83
- Goniodes stylifer*, 71, 80, 83
- Gonocephalus seriatum*, 70, 71, 79, 80
- Gracilaria*, 196, 206
confervoides, 206
coronopifolia, 205, 206, 207
euchemooides, 206
No. 1, 206
No. 2, 206
- Gratelouphia*, 196, 200, 205
dichotoma, 206
filicina, 205, 206
filicina forma Hawaiensis, 205
- ground water, factors affecting, 172-184
- guava, 47, 48
- Guepinia Spathularia*, 101
- guinea fowl, 69-71, 81
- gullet worms, 72
- Gyalocephalus capitatus*, 75, 81
- Gymnogyps, Recent and Fossil, Skeletons of, 227-236
- Gymnogyps amplius*, 227-236
californianus, 227-236
- Habronema microstoma*, 75, 81
muscae, 75, 81
- Haematopinus adventicius*, 75, 83
eurysternus, 73, 79
suis, 75
- Haemonchus contortus*, 72, 76, 79, 82
- Haemoproteus columbae*, 70, 82
- halo tree, 10
- Halophila ovalis*, 194
- halophytes, 194
- hau, 47, 48
- Hawaii National Park (research facilities), 120
- Hawaiian hawk, 51
- Hawaiian Islands
algae, brackish-water, of, 193-214
eruption of Kilauea in 1924, 237-240
facilities for research in, 119-126
fault at Waimea, Oahu, 85-91
ghost prawns in, 241-242
Manilkara on Oahu, 243-244
parasitic diseases of domestic animals in, 69-84
prediction of rainfall in, 215-220

- red-billed Leiothrix in, 45-51
sandalwood on Oahu, 5-20
tsunami of April 1, 1946, in, 21-37
Hawaiian Pineapple Company
(research facilities), 120
Hawaiian soils, toxic levels of arsenic in, 152, 159-169
Hawaiian Sugar Planters' Association
(research facilities), 120
Hawaiian Tuna Packers (research facilities), 121
Hawaiian Volcano Observatory
(research facilities), 121
Hawaiian Volcano Research Association
(research facilities), 121
HAWLEY, R. L., and DEAN, R. B.:
A Chloride and Oxygen Analysis Kit for Pond Waters, 108-115
head maggot, 76
height of waves
factors influencing, 28-34
in open sea, 25
on Hawaiian shores, 27
 Hawaii, 33
 Kauai, 27
 Maui, 31
 Molokai, 30
 Oahu, 29
Helicomyces roseus, 106
Hemitrichia serpula, 94
 stipitata, 94
 vesparium, 94
Heterakis gallinae, 70, 79
Heirochaetella, 99
 dubia, 97
Heterodoxus longitarsus, 77, 81
HIATT, ROBERT W.:
 Ghost Prawns (Sub-Family Luciferinae) in Hawaii, 241-242
Hibiscus, 105
 Arnottianus, 47, 99
 tiliaceus, 47
Hirneola, 102
 ampla, 101
Histomonas meleagridis, 70, 83
history
of sandalwood in Hawaii, 6
of tsunamis in Hawaii, 22
History, Present Distribution, and Abundance of Sandalwood on Oahu, Hawaiian Islands, 5-20
hoawa, 11
hog, 51
 mange mite, 75
hookworms, 77
horn fly, 73
horse, parasites of, 75-76, 81
hydrostatics, 172-184
Hymenolopis carioca, 71
 exigua, 69, 71, 80
Hyostrengylus rubidus, 74-83
Hypoloma jaluitensis, 93
Hypnea, 196, 206
 armata, 207
 cericornis, 207
 cornuta, 207
 divaricata, 207
 nidifica, 206, 207
 nidulans, 205, 207
 pannosa, 207
Hypochnus isabellinus, 106
Hypoderma lineata, 73, 79
iliah, 5, 6, 9, 12, 18, 19
indigo, 18
international co-operation, recommendations for, 54
Ipomoea batatas, 11, 12
ironwood, 47
Isopoda, 71, 79
Japanese hill robin, 45
kalia, 11
kamani tree, 47
KANEHIRO, YOSHINORI, et al.:
 Dolomitization in Semi-arid Hawaiian Soils, 38-44
kangaroo lice, 77
karia, 10, 11
kealia, 11, 12
key to brackish-water algae of Hawaiian Islands, 195-196
ghost prawns in Hawaii, 242
little hearts (*Corculum*) of Pacific and Indian Oceans, 222
Kilauea volcano, 237
koa, 14, 18, 19, 47
kopiko, 19
kukui, 11, 15, 47
laau ala, 6, 18
Lachnea jaluitensis, 93
lajiling kijilik (rat's ear fungus), 102
lama, 10, 11
lauhala, 9, 10, 12
lau, hula hula, 12
lau, keo keo, 12
Leiotriz lutea, 45-51
 distribution in Hawaii, 46
eggs, 50
flocking, 48
food, 51
habitat in Hawaii, 47
hatching, 50
nesting, 48
young, 50
Libby, McNeill and Libby (research facilities), 122

- lice, 71, 73, 75, 76, 77, 78
 biting, 76, 78
 kangaroo, 77
 sucking, 76
- lichens, 93
- limu ekahakaha, 204
 huluhuluwaena, 206
 loloa, 204
 manaea, 206
 pakeleawaa, 206
- Linognathus africanus*, 76, 81
- Lipeurus caponis*, 71, 80
gallipavonis, 71, 83
heterographus, 71, 80
- Litargus balteatus*, 70, 79
- Little Hearts (Corculum) of Pacific and Indian Oceans**, 221-226
- liver flukes, 69, 72, 75, 76
 control of, 72
- loss of life from tsunami of April 1, 1946, 35
- Lualualei Valley, soil of, 39, 43
- Lucifer faxonii*, 241-242
orientalis, 242
reynaudi, 241
typus, 241, 242
- Luciferinae (ghost prawns) in Hawaii, 241-242
- Lucilia sericata*, 73, 79
- lumma, 10, 11
- Lycopersicon esculentum*, toxicity of arsenic for, 151-171
- Lynchia maura*, 71
- Lyperosia irritans*, 73
- Lyponyssus bursa*, 71, 80
- MACDONALD, G. A., et al.:**
 The Tsunami of April 1, 1946, in the Hawaiian Islands, 21-37
- Macrodriili, 83
- Makaha Valley, soil of, 39, 40
- Malacca apple, 15
- malaria, bird, 70
- mamake, 11
- mamani, 48
- mamati, 10
- Mammalia (in *Bibliographica Micronesica*), 133-136
- mange mites, 77
- Manilkara emarginata*, 243, 244
hexandra, 243
kauki, 243, 244
- Manilkara Found on Oahu, Hawaii, 243-244
- Marasmius callopus* var. *jaluensis*, 93
Pandanicola, 93
- Marshall Islands, fungi of, 92-107
- Mechanics of the Explosive Eruption of Kilauea in 1924**, 237-240
- medicine, 58
- Megninia cubitalis*, 71, 80
- Meleagris gallopavo*, 69-71, 83
- Melophaeus ovinus*, 76, 82
- Menopon gallinae*, 71, 80, 81, 83
phaeostomum, 71, 81, 82
- MERRILL, E. D.:**
 Botanical Bibliography of the Islands of the Pacific (notice of), 189
- Merulius Spathularia*, 101
- Messerschmidia argentea*, 99, 104, 105
- Metaspheeria fur*, 93
Jus, 93
spp., 93
- Metastrongylus elongatus*, 74, 83
- meteorology, 57
- Metrosideros collina* ssp. *polymorpha*, 18, 19, 47
- mice, 77, 78
- microbenthos, 194
- Micronesia
 bibliography of, 129-150
 Marshall Islands, fungi of, 92-107
 University of Hawaii Expedition to, 60-62, 92
 U.S. Commercial Company Survey of, 62
- milkfish, 194
- mites, 71, 75, 77, 81
 body, 71, 80
 fowl, 71, 80
 hog mange, 75, 83
 mange, 77, 81
 red, 71, 80
 wing, 71, 80
- mongoose, 51
- Morinda citrifolia*, 11, 12
- mosquitoes, 77
- Mugil cephalos*, 194
- mullet, 194
- MUNSON, JEROME, and CLEMENTS, HARRY F.:**
 Arsenic Toxicity Studies in Soil and in Culture Solution, 151-171
- Musca domestica*, 71, 75, 80, 81
- Mus musculus*, 77, 78
- myiasis, auricular, 73
- mynah bird, 70, 71
- Myxophyceae, 193
- Myxomycetes, 94-95
- National Research Council, 52
- naupaka kuahiwi, 11, 19
- NEAL, MARIE C.:**
 A Manilkara Found on Oahu, Hawaii, 243-244
 nehu, 241
- Nematodirus spathiger*, 76, 82
- Nephrolepis exaltata*, 16
- New Species of *Carex* (Cyperaceae) from Fiji, 116-117
- noni, 11, 12
- Notes
 Editor's comments, 247
 facilities for research in natural sciences in the Hawaiian Islands, 119-126
 Micronesian expedition of University of Hawaii, 60-62
 new botanical bibliography of Pacific Islands, 189

- opportunities for financing research in Pacific under the Fulbright Act, 245-246
Pacific Science Conference, recommendations of, 52-59
scientists and the fortieth anniversary of the University of Hawaii, 189-190
survey of Micronesia by U.S. Commercial Company, 62
Notes on the Red-billed Leiothrix in Hawaii, 45-51
nouputa, 10, 11
Numidia meleagris, 69-71, 81
- Oahu, fault at Waimea, 85-91
oceanography, 57, 185-188
Ochrosia parviflora, 106
Oesophagostomum dentatum, 74
 radiatum, 72, 79
Oestrus ovis, 76, 82
ogo, 206
ohava, 10, 11
ohe, 19
ohia ha, 19
ohia lehua, 18, 19, 47
oi, 47, 48, 49
Oidium tomentosum, 106-107
olena, 11, 12
Oligosiphonia, 212
olive-green creeper, 51
olopua, 19
Orchesia platensis, 70, 71, 79, 80
oreina, 11
oreyna, 10
Oriental blowfly, 76
Ornithostrongylus quadriradiatus, 70, 82
Orthoptera, 70, 71, 79, 80
Oryctolagus cuniculus, 78, 82
Osmanthus sandwicensis, 19
Osteomeles anthyllidifolia, 10, 11
Otobius megnini, 73, 76, 79, 82
Ovis aries, 76-77, 82, 83
Oxya chinensis, 70, 79, 80
Oxydema fusiforme, 70, 79
oxygen analysis, 108-115
Oxyspirura mansoni, 70, 79
Oxyuris equi, 75, 81
- Pacific Chemical and Fertilizer Company (research facilities), 122
Pacific Foundation War Memorial, 52
Pacific Islands, botanical bibliography of (notice), 189
Pacific Islands Research Committee (University of Hawaii), 60
Pacific Science Conference, recommendations of, 52-59
Pacific Science Congress, 53
Pacific Science Survey, 53
palm foxtail, 47, 48
PALMER, HAROLD S.:
 Fault at Waimea, Oahu, 85-91
- Palorus ratzeburgi*, 70, 79
Pandanus, 10
 pulposus, 105
 sp., 100, 101, 105, 106
papaya, 51
Parascaris equorum, 75, 81
Parasites and Parasitic Diseases of Domestic Animals in the Hawaiian Islands, 69-91
parasites of
 cat, 77-78
 cattle, 72-75, 78-79
 chicken, 69-71, 79-80
 dog, 77, 80-81
 goat, 76-77, 81
 guinea fowl, 69-71, 81
 horse, 75-76, 81
 peafowl, 69-71, 82
 pigeon, 69-71, 82
 rabbit, 78, 82
 sheep, 76-77, 82
 swine, 74-75, 82-83
 turkey, 69-71, 83
Paroreomyza bairdi mana, 51
Passer domesticus, 70
Pavo cristatus, 71, 82
peafowl, 71, 82
Pekin nightingale, 45
Pellicularia isabellina, 106
 lembospora, 106, 107
 vaga, 106
Peniophora, 97
 pallidula, 97
 pubera, 99
 Sambuci, 99
pepeiaoakua (ghost ear fungus), 102
Perichaena depressa, 94
Phaeophyceae, 193, 195, 196, 199
phanerogams, 194
Phaseolus vulgaris, toxicity of arsenic for, 151-171
Pheidole spp., 80
 vinelandica, 71, 80
Pheretima spp., 74, 83
phosphorus: arsenic ratio, 157-159
Phycomycetes, 95
Physaloptera praeputialis, 77, 78
Physarella oblonga, 94
Physarum tenerum, 94
 viride, 94
 Wingatense, 94
Phytolacca, 10
 sandwicensis, 11
pigeon fly, 70, 71
pigeon, parasites of, 69-71, 82
Pineapple Research Institute of Hawaii (research facilities), 122
pineapples, 18
Pipturus albidus, 11
piroplasmosis of cattle, 69
Pisces (in *Bibliographica Micronesica*), 144-150
Pithecellobium Saman, 99

- Pittosporum*, 12
 Plant Sciences, 57
Plasmodium vaughani, 51
Pleurotus, 102
Schwabeanus, 93
 poina, 10
 point of sterilization in soil, by arsenic, 169
 pokeawi, 10
Polyporus Kamphoeveneri, 93
Sanguineus, 93
xanthopus, 93
Polysiphonia, 193, 195, 196, 197, 200, 204, 207, 211
aquamara, 210, 212
 sp., 211, 212
subtilissima, 212
Polystictus sanguineus, 93
 pond waters, analysis of, 108-115
 chlorine, 112-113
 kit (apparatus), 109-112
 oxygen, 113-114
 popolo, 11
 poporo-tumai, 10
Porcellio laevis, 71, 79
Postharmostomum gallinum, 71, 80
Poteriostomum imparidentatum, 75, 81
 poultry ascarid, 70
 poultry, parasites of, 69-71, 79, 81, 82, 83
Pratella, 93
Probstmayria vivipara, 75, 81
 Protochordata (in *Bibliographica Micronesica*), 150
 protozoa, 69, 72, 74, 75, 76, 77, 78, 79, 80, 82, 83
 proventricular worms, 70, 80
Psathyra Schwabeana, 93
Psathyrella disseminata, 93
Pseudolynchia canariensis, 70, 71, 82
Psidium Cattleyanum, 51
Guajava, 47, 99
Psoroptes communis, 78, 82
Pterolichus obtusus, 71, 80
 Public Health, 58
 pukeawe, 11, 19, 48
Pulex irritans, 80
Pycnoscelus surinamensis, 70, 79
Pyrus anthylidifoliae, 10
 rabbit, parasites of, 78, 82
Raillietina cesticillus, 71, 80
tetragona, 71, 80
 rainfall, prediction of, 215-220
 rat, 51
Rattus rattus alexandrinus, 78
norvegicus, 78
rattus, 78
 Reptilia (in *Bibliographica Micronesica*), 143-144
 research in Hawaiian Islands, facilities for, 119-126
Reynold sia sandwicensis, 19
Rhipicephalus sanguineus, 77, 81
Rhizoclonium, 195, 197
 sp., 197
 Rhodophyceae, 193, 195, 196, 200-211
 Rhodophyllidaeae, 204
 ROGERS, DONALD P.:
 Fungi of the Marshall Islands, Central Pacific Ocean, 92-107
 roundworms, 70, 72, 74, 75, 76, 77, 78, 79, 80, 82, 83
Rubus rosaefolius, 47, 51
 rumen fluke, 72, 79
Saccharum officinale, effect of arsenic on, 169
 ST. JOHN, HAROLD:
 The History, Present Distribution, and Abundance of Sandalwood on Oahu, Hawaiian Islands, 5-20
 A New Species of Carex (Cyperaceae) from Fiji, 116-117
Samanea Saman, 99
 Sandalwood (see also *Santalum*), 5-20
 distribution on Oahu, 13
 history of, in Hawaii, 6
 location of original forests, 17
 oil, 5
 rate of growth, 16
Santalum (see also Sandalwood), 5
album, 5
austrocaledonicum, 6
boninense, 6
ellipticum, 6
fernandezianum, 6
Freycinetianum, 6-19
haleakalae, 6
benderonense, 6
insulare, 6
lanaiense, 6
lanceolatum, 5
Macgregorii, 5
obtusifolium, 5
ovatum, 5
paniculatum, 6, 18
papuanum, 5
Pilgeri, 6
pyrularium, 6
Yasi, 6
Sarcoptes scabiei suis, 75, 83
Sargassum, 200
Scaevola, 10
Gaudichaudiana, 11, 19
glabra, 11
Scaphophorum Agaricoides, 93
Schizophyllum Alneum, 93
commune, 93
Sebacina, 99
caesio-cinerea, 99
cinerea, 96
dubia, 96-97
farinacea, 97-100, 106

- Galzinii*, 99, 100
petiolata, 98–100
Pululahuna, 100
umbrina, 100
seismic sea waves, 22
 (travel times of, 185–188)
Septobasidium, 94, 105
 sp. (*bogoriense* affin.), 105–106
Setaria palmifolia, 47
sheep, parasites of, 76–77, 82
sheep tick, 76
SHEPARD, F. P., et al.:
 The Tsunami of April 1, 1946, in the
 Hawaiian Islands, 21–37
SHERMAN, G. DONALD, et al.:
 Dolomitization in Semi-arid Hawaiian Soils,
 38–44
Sigma Xi, 189–190
Siphonaptera, 78, 80
Siphonia irritans, 73
Sitophilus oryzae, 70, 79
Skeletons of Recent and Fossil Gymnogyps, 227–236
skin filarid, 72
slugs, 77
snails, 71, 72, 77
 land, 77
 limnaeid, 72
soil, accumulation of arsenic in, 151–171
 dolomitization in Hawaiian, 38–44
 Hawaiian, toxic levels of arsenic in, 159–169
Sophora chrysophylla, 48
Sorghum vulgare, toxicity of arsenic for, 151–171
sow bug, 71
sparrow, English, 70, 71
Spbaeria fur, 93
 profuga, 93
spinose ear tick, 73, 76
Spirogyra, 193, 195, 196
Stachytarpheta cayennensis, 47, 49
staghorn fern, 48
Stemonitis fusca, 94
 splendens, 94
Stephanofilaria stilesi, 72, 79
Stephanuris dentatus, 74, 83
Stereum hirsutum, 104
stomach worms, 72, 74, 76, 77
Stomoxys calcitrans, 73, 75, 76, 81
Straussia Mariniana, 19
strawberry guava, 51
Streptopelia chinensis, 70
Strongyloides papillosus, 72, 79
 sp., 74, 79, 83
Strongylus edentatus, 75, 81
 equinus, 75, 81
 vulgaris, 75, 81
Stypella minor, 100–101
Styphelia Tameiameiae, 11, 19, 48
Subulina octona, 71, 77, 78, 80
Subulura brumpfi, 70, 79
sucking louse, 76
Sudan grass, toxicity of arsenic for, 151–171
sugar cane, 18
 effect of soil arsenic on, 169
Sus scrofa domestica, 74–75, 77, 82–83
sweet potatoes, 10
swine, parasites of, 74–75, 77, 82–83
Taenia hydatigena, 75, 76, 77, 80, 82, 83
 saginata, 73, 79
 taeniaformis, 77, 78, 79
Taenioma, 196, 210
 macrourum, 212
 perpusillum, 210
tapeworms, 71, 73, 75, 76, 77, 78, 79, 80, 81, 82, 83
tarai, 10
Tenebroides nana, 70, 79
Terminalia Catappa, 47
Tetrameres americana, 70, 71, 80
Tetramorium caespitum, 71
 spp., 80
Thelaphora cinerea, 96
Thelaphoraceae, 97
thimbleberries, 47, 51
ti, 7, 47, 48
ticks, 73, 74, 76, 77
 sheep, 76
 spinose ear, 73, 74
tidal waves, 22
toads, 70
tomato, toxicity of arsenic for, 151–171
Tomentella isabellina, 106
Tournefortia sp., 105
Toxascaris leonina, 77, 80
toxicity of arsenic in soil and in culture solution,
 151–171
Toxocara canis, 77, 80
Travel Times of Seismic Sea Waves to Honolulu,
 185–188
tree ferns, 49
Tribolium castaneum, 70, 79, 80
Trichinella spiralis, 74, 83
trichinosis, 74–75
Trichodectes latus, 77, 80, 81
Trichostrongylus axei, 75, 81
 instabilis, 76
Trichuris ovis, 72, 79
 suum, 74, 83
 vulpis, 77, 80
Triodontophorus brevicanda, 75, 81
 serratus, 75, 81
tsunami (see also seismic sea wave)
 damage by, 34
 definition of, 21
 history of, in Hawaii, 22
 loss of life from and injury by, 35
 mitigation of disasters resulting from, 36
Tsunami of April 1, 1946, in the Hawaiian Islands,
 21–37
Tubuliferae, 97
tui tui, 10

- Tulasnella allantospora*, 95-96
sphaerospora, 96
violeta, 96
turkey, parasites of, 69-71, 83
turmeric, 11
Typbaea stercorea, 70, 79
- uala, 11, 12
uki, 10, 11
Ulva, 195, 197
fasciata, 197
Lactuca, 197
U. S. Bureau of Animal Industry (research facilities), 123
U. S. Bureau of Entomology and Plant Quarantine (research facilities), 123
Fruitfly Investigations (research facilities), 124
U. S. Coast and Geodetic Survey (research facilities), 124
U. S. Commercial Company, 1946 Survey of Micronesia, 62
U. S. Geological Survey (research facilities), 124-125
Ground Water Division (research facilities), 125
Surface Waters Division (research facilities), 124-125
U. S. Public Health Service (research facilities), 125
U. S. Weather Bureau Office (research facilities), 125
University of Hawaii (research facilities), 125
Agricultural Experiment Station (research facilities), 126
Micronesian expedition, 60, 92
scientists and the fortieth anniversary, 189-190
ure, 10
Urtica argentea, 10
Utinomi's *Bibliographica Micronesica*:
Chordate Sections, 129-150
uulei, 11
uwara, 10
- Vaucheria*, 195, 198
dichotoma, 198
sp., 198
Thuretii, 198
Vitex hawaiiensis, 244
mollis, 244
- Waianae Valley, soil of, 39, 40
Waimea, Oahu, fault at, 85-91
water (ground water), 172-184
wave crests (interval between), 24
WENTWORTH, CHESTER K.:
Factors in the Behavior of Ground Water in a Ghyben-Herzberg System, 172-184
Cycles in Rainfall and Validity in Prediction of Rainfall in Hawaii, 215-220
white hibiscus, 47
wiliwili, 19
worms
bladder, 73, 75, 76, 77, 78
cecal, 70
eyeworm, 70
gizzard, 70
gullet, 72
hookworm, 77
proventricular, 70, 80
roundworms, 70, 72, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83
stomach, 72, 74, 76, 77
tapeworms, 71, 73, 75, 76, 77, 78, 79, 80, 81, 82, 83
Wurdemannia, 196, 204
miniata, 204, 205
setacea, 204
- Xylaria aurantiaca*, 95
- ZETLER, BERNARD D.:
Travel Times of Seismic Sea Waves to Honolulu, 185-188
Zoological Sciences, 59