

INDEX

- Abellera, Lourdes V., 279
Abrazado, Angelita P., 295, 301
Adriano, Lourdes S., 1-7
Agricultural cooperatives in southern Palawan, 292-293
Aguda, Remedios M., 307-308
Ajero, R., 274
Albano-Garcia, Ester, 201-212
Aldemita, Rhodora R., 280, 296
Alejandrino, Adoracion L., 129-130, 259
Alfonso, Antonio A., 271-272
Alinsugay, Annalina A., 260
Alkaloids from kakawati bark, 329
Almaciga tapping for sustained productivity, 264
Alojada, Diocano D., 260-261, 297
Alvarez, Anicia A., 93-104
Ambros, Francisca A., 261
Amoroso, Cecilia B., 272
Amoroso, Victor B., 272
Amparado, Edna A., 262, 305
Analyses of rice-derived progenies, 271-272
Ancog, Amelia C., 105-109
Angel wing clam, developmental biology, 310
Antimalarial drugs from sponges, 318
Antimicrobial activity of some marine sponges, 312
Antimicrobial activity of some Philippine sponges and tunicates, 326
Antimicrobial substance from a species of *Vibrio*, 312
Antimicrobial triterpene from *Lantana camera* L., 155-161
Antimutagen from squash flowers, 288
Anti-termite components of kakawati, 332
Anti-TB activity of some Philippine sponges, 320-321
Apis cerana F., allozyme variation among natural populations, 275
Asaad, C. O., 259
ASM Resolution Committee, 126
Atis, Marissa I., 301-302
Atrazine movement in soil columns, 287
Avorque, L. M., 260
Bacals, Angelina M., 281, 281-282
Bacterial blight pathogen of rice, DNA fingerprinting, 308
Bacterial leafblight haplotypes, virulence, 267
Bacterial wilt pathogen, inhibition of growth by flavonoids, 283
Balgos, Nelly S., 277
Balmaceda, Jose Maria P., 323
Barre, Juanita, 155-161
Barril, C. R., 303-304, 304
Barrows, Louis R., 327-328
Battad, Z. M., 297-298
Bautista, Antonio M., 298
Bayo, Wilfredo Aquino, 262-263
Bayot, R. G., 273, 306-307
Bengzon, Alfredo R. A., 117-122
Beta carotene production, 286
Blight resistant potato varieties, 127
Bomeisl, Robert A., S.J., 93-104
Bonifacio, T. A., 325
Bonilla, Philbert S., 272-273, 324
Bovine, buvaline, and swine sarcocytosis, 274
Brar, Darahan S., 271-272
Bremner, J. B., 283
Briones, Annabelle V., 325
Bruchid resistance factors in mungbean and ricebean, 330
Bueno, Irmina A., 310-311
Bunagan, Jennifer P., 129-130
Cada, Leonorina G., 326
Cadiz, R., 274
Caluya, R. R., 297-298
Caluya, Rogelio R., 298-299
CAMAC dataway operations, 281-282
Candelaria, E., 273, 306-307
Capistrano-Estrada, Sylvia, 317-318
Caraan-Mangalindan, Gina, 320-321, 326, 331-332
Cariaso, N. R., 273, 306-307
Cariño, Virginia S., 306
Casauay, Arsenia A., 306
Cawagas, Raoul E., 327
Cayabyab, B. F., 273, 306-307

- Chan-Chua, Sioksoan, 317-318, 319
 Chemistry research in the Philippines, 286
 Chin, Sony J., 124
 Chujoy, Enrique, 301-302
 Cinnamon bark oil, potential antibacterial and antifungal agent, 277
 Clardy, Jon, 327-328
 Classification of spin models via association schemes, 323
 Claveria, F. G., 274
 Clitoral size in full term infants, 319
 Cobalt (III)-cobalt (II) system, electron-transfer reaction, 183-199
 Coco-fatty acid cholesterol esters in thermodynamic mixtures, 326
 Coconut crown residues as organic fertilizer, 265-266
 Cohen, Michael B., 307-308
 Computer algorithm for subsystems test (CAST), 329
 Concepcion, Giselle P., 320-321, 326, 327-328, 331-332
 Conlu, Prudencia V., 310-311
 Corn pollen-specific promoter in transgenic rice, 280
 Cotiw-an, Basito S., 299-300
 Crisostomo, Virginia, 319, 319-320
 Cuasay, Perla M., 277
 Cuyno, Rogelio V., 127
 Cruz, Ronald B., 307
 Cruz, Wilma T., 267, 307-308, 308
 Dahill, Allen S., 281
 Dairy cow body condition scores, 302
 Dayrit, Conrado S., 1-2
 De Guzman, Romeo A., 201-212
 De Guzman, Zenaida M., 328
 De Paz, V. M., 265
 De Vera, A. C., 259
 De Villa, Sol, 292-293
 Decontamination of dehydrated vegetable products, 328
 Dela Cruz, Johanna, 291
 Demetria, L., 275
 Deocaris, Custer, C., 129-130, 259
 Desamero, Nenita V., 300
 Dietary fiber from bagasse, 263
 Differential rec assay for cytotoxic and mutagenic activity, 331-332
 Dimanlig, Allan L., 329, 333
 Dionisio-See, Maribel L., 131-142
 DNA topoisomerase II-inhibitory quinones from a marine sponge, 327-328
 Domasian, Nelson D., 329
 Durian fruit borer control, 295
 Durian seedlings, effect of light intensity, 269-270
 East ASEAN Growth Area (EAGA) assessment, 238-252
 Ebron, Rosita P., 263
 Ebuenga, M. D., 273, 306-307
 Ebuna, R. M., 268
 Eldredge, Glenn S., 327-328
 Ella, Arsenio B., 264
 Encinas, Cyril S.J., 286
 Endosulfan, pollution potential, 303-304
 Enzymatic toxicity test with selected phyllopod species, 282-283
 Espiritu, Emlyn Q., 282-283
 Estoperez, Noel, 281-282
 Estrella, R. R., 325
 Fagela-Domingo, Carmelita, 317-318, 319-320
 Farm-level dryer, 260-261, 297
 Farolan, R. J., 274
 Farrol, M. A., 274
 Faustorilla, Ma. Vilma D., 162
 Feeding of cattle, on-farm studies, 297-298
 Fernando, Edwino S., 143
 Florcruz II, Nilo G., 283
 Foderaro, Tommaso A., 327-328
 Franzblau, Scott G., 320-321
 Fuel properties of agricultural and forest waste, 331
 Fundador, Rosita V., 46-47
 Ganga, Zenaida N., 127
 Garcia, Roberta N., 330
 Gayomali, C. P., 325
 Genetic map of japonica rice, 266-267
 Genetic transformation of rice, 296
 George, M. L. C., 308
 Giron, Ofelia DLC, 291
 Gloria, Heidi K., 23-25
 Glova, Alvin D., 331
 Gonsalvo, F., 274
 Glooc, Hermogenes, 281
 Growth hormone administration in children, 317-318
 Guarino, Raymundo L., 264-265

- Guidelines for poster abstract writers, 342
 Guidelines for technical paper presentors, 337
 Guidelines for technical paper writers, 338
 Guipitacio, Victor O., 272
 Gumera, Rosemarie S., 263
Gynaikothrips species in the Philippines, 148-154
- Hamilton, Douglas, 280
 Handmade simple cells, 284
 Hara, Yoshihisa, 284
 Hautea, Desiree M., 311
 HCT toxicity of some Philippine sponges and tunicates, 326
 Health problems of Mindanao, 117-124
 Hernandez, Jose E., 271-272
 Herrera, M. S., 259
 Higher education for peace and development in Mindanao, 201-212
 Hodges, Thomas, K., 280, 296
- Ignacio, J. M., 259
 Ikegami, Susumu, 312
 Insecticide to cockroaches, 261
 Integrated soil fertility management of hybrid coconut, 268
 Integration of Islamic doctrines with science subjects, 213-237
 Ipil-ipil seed gum, 162
 Ipil-ipil seed gum, mutagenicity studies, 289
 Ireland, Chris M., 327-328
 Irisan dumpsite, environmental and socio-economic impact, 291
 Isaac, Irene M., 31-42
- Jach, Terrence, 163-174
 Jacinto, Sonia D., 262, 305
 Janairo, Gerardo C., 155-161
 Jansen, C., 282-283
 Javier, Sonia, 309
 Juanday, Danda N., 123
 Junio-Meñez, Marie Antonette, 144-147
- Kamimura, Kazuo, 312
 Keynote address, 3-7
- Lacsamana, Joseph H., 329
 Lacuesta, Terencio D., 163-174
 Lagare, Emmanuel M., 175-182
Lantana camara L., antimicrobial triterpene from, 155-161
- Lanto, Eduardo A. 277
 Latin squares generation and quasigroups evaluation, 333
 Laude, Rita P., 271-272, 275, 311
 Laureles, Lucita R., 330
 Laurena, Antonio C., 285
 Lazaro, J. Enrico H., 318, 326, 331-332
 Leaf elongation rate or rice, effect of osmotica, 272-273
 Left inverse property (LIP) and right inverse property (RIP) pseudogroups, 332-333
 Lemon, Pauline, 288
 Littoral benthic fauna of Lake Taal, Batangas, 309
 Lizada, Ma. Concepcion, 128
 Lobkovsky, Emil, 327-328
 Lojo, Angelina M., 263
 Lopez, Nellie C., 307, 309, 309
 Lorenzo, Luis P., Jr., 43-44
 Lozano, G., 274
 Lumads of Mindanao, beliefs and folklore, 293
 Lumbao, Jessie A., Sr., 295, 301
- Mabesa, Linda B., 285
 Macabagdal, M. R., 274
 Macawaris, Ali, G., 86-89
 Mackill, David J., 266-267, 313-314
 Macapuno embryos from dwarf hybrids, 265
 Madale, Nagasura, T., 9-22
 Magat, S. S., 268
 Maghirang, H., 303-304
 Malab, Beatriz S., 301-302
 Malab, Stanley C., 301-302
 Mamaril, Augustus C., 309
 Mango planting materials, propagation, 264-265
 Mangosteen, effect of foliar fertilization, 303
 Manpower development for industries in Mindanao, 31-47
 Mantiquilla, J. A., 268
 Maravilla, Jose N., 265-266
 Marcial, Demetrio B., 302
 Margate, R. Z., 268
 Margate, Rogaciano A., 265-266
 Marquez, M. P., 334
 Mascarenhas, Joseph, 280
 Mateo, Zenaida F., 284
 Matias, Job M., 302
 Matias, Jonathan R., 310-311

- Mendoza, Evelyn Mae T., 283, 285, 330
 Mendoza, Imelda B., 277
 Miao, Yelian, 331
 Migratory locusts, ecology, 273, 306-307
 Mindanao's land, resources, and environment.
 use for its development, 49-91
 Mosqueda, Meinhart, 281-282
 Multicultural perspectives in education, 335
 Murillo, M. T., 275
 Mustafa, Noralyn, 28-29
 Muyco, Rosendo, 301-302
 Natural, Marilen Tricia P., 311
 Nelson, R. J., 308
 Nonato, M., 325
 NPK contents of composted fruit
 peelings, 260
 Nuñez, Teresita C., 265
 Oclarit, Jose M., 312, 312-313
 Ohta, Shinji, 312
 Oliveros, B. A., 297-298
 Ongtengco, Delia C., 277
 Organophosphate pesticide, teratogenicity
 on *Tilapia nilotica*, 262
 Oria, D. V., 269-270
 Orig, Manuel M., 45
 Ortiz, Julieta I., 113-115
 Oxide films on semiconductors, analyses
 of, 163-174
 Pablico, S. Ma., 297-298
 Padrones, Gerardo D., 265-266
 Pagulayan, Imelda E., 314-315
 Palileo, Allan, 288
 Panlaque-Moti, Emerito "Hadjia Amera",
 213-237
 Paras, Y. C., 325
 Parasites in some scombrid fishes, 307
 Patalinghug, Epictetus E., 238-252
 Peczon, Benigno D., 162
 Pedrosa, Anacleto M., Jr., 84-85
 People and culture of Mindanao, 9-29
 Perey, Karen. C., 129-130
 Persoone, G., 282-283
 Pesticide residues in vegetables,
 rapid bioassay, 304
 Petersen, B., 274
 Pham, Chay P., 286
 Plastic and crystal scintillators,
 properties, 281
 Pocsidio, Glorina N., 312-313
 Polymorphisms among abaca clones,
 detection of sequence, 311
 Polyphenols in cooking bananas, changes
 during ripening and cooking, 285
Pomacea canaliculata, effect of exposure
 to cadmium, 314-315
 Poster abstracts presented in
 Bicutan, 295-335
 Poster abstracts presented in
 Davao City, 259-293
 Poster awards, best
 Agricultural Science Division, 266, 296
 Biological Sciences Division, 272-273,
 310-311
 Health Sciences Division, 317
 Mathematical, Physical, and
 Engineering Sciences Division,
 282-283, 327
 Social Sciences Division, 293, 335
 Potato clones for the lowlands, 301-302
 Power associative pseudogroups, 327
 Prado, Grace I., 183-199
 Prantilla, Edmundo B., 49-83
Prochloron carbonic anhydrase, 131-142
 Pua, Joseph C., 319, 319-320
 Puyos, Bibiano O., 175-182
 Quantitative traits in rice, identification
 of controlling genes, 313-314
 Quintana, B. B., 304
 R & D agenda of Mindanao, 127-130
 Rabang, B. C., 325
 Rabena, Alfredo R., 332
 Radioimmunoassay in dairy farm
 management, 259
 Radioprotectors from herbal sources,
 129-130
 Ragasa, Consolacion, 155-161
 Rama, Baldonado, 292-293
 Ramos-Abad, Lorna, 317-318
 Raymundo, Asuncion K., 312-313
 Recommendations by the ASM Resolution
 Committee, 125-126
 Redoña, Edilberto D., 266, 313-314
 Remorin, Purisima R., 253-257
 Resistant genes in rice, fine mapping, 314
 Resurreccion, Hansiella, 289
 Reyes, Cecilia P., 148-154
 Rhodes, Billy B., 300

- Rice yellow stem borer, toxicity of *Bt* isolates, 307-308
- Rivero, Luzviminda U., 183-199, 286
- Rodriguez, Felicito M., 285, 330
- Romaquera, Lear, 281
- Romero, Filemon G., 109-113
- Ronquillo, Jesse D., 310-311
- Root response to salinity, 324
- Roque F., 274
- Rosal, Aurea Z., 332-333, 333
- Runge-Kutta methods and uniformly regular matrices, 175-182
- Sair, R. R., 297-298
- Sair, Roseminda, 298-299
- Salazar, Melito, S., Jr., 89-91
- Saldivar, Evelyn L., 303
- Samonte, Joseph L., 285
- Sandoval, B., 334
- Santiago, R. D., 273, 306-307
- Santos, Daniel S., 335
- Sashida, Y., 325
- Sayaboc, V.A., 297-298
- Schwab, A. Paul, 287
- Science across the Pacific project, 353-357
- S & T and higher education for peace and development in Mindanao, 201-212
- S & T role in the development of Mindanao, 93-115
- Sea urchin, mariculture, 144-147
- Sebastian, Leocadio S., 267, 314
- Secretaria, Millicent I., 268
- Senescence in perishable crops, 128
- Sensitivity analysis in alpha factor, 284
- Serum immunoglobulin, status in neonatal pigs, 299-300
- Simaroubaceae, DNA systematics, 143
- Sison, F. M., 325
- Solid waste disposal site selection, 279
- Sonor, leticia S., 287
- Spore culture of bird's nest fern, 272
- Storage of lanzones, 268-269
- Synephrine, an adrenergic drug from calamansi wastes, 325
- Talaue, Meliza T., 320-321
- Tamayo, Arnold, 326
- Tan, Rosalinda B., 263
- Tejada, Amelia W., 303-304, 304, 334
- Tejada, F. R., 334
- Teodoro, Carol, 319, 319-320
- Teratogenicity of organophosphate pesticide in *Tilapia nilotica*, 305
- Thurgate, Stephen M., 163-174
- Tilapia, hematological response to zinc and mercury exposure, 306
- Tilapia, mass seed production, 298
- Tipa, Eumelia V., 304
- Tirona, Alexandra Marie P., 331-332
- Togon, Agnes S., 293
- Tolentino, Leonila M., 268-269
- Tolentino Mitos N., 328
- Tolentino, Nemesio, 269-270
- Tomato pomace, a new livestock feed, 298-299
- Tongson, Noel E., 314-315
- Torres, Rosalinda C., 277
- Traifalgar, Rex M., 310-311
- Tree species as hedgerows for rootcrops, 262-263
- Tribiana, Estrella T., 287-288
- Truong, X. H., 267
- Tsuchiya, Mikio, 272-273, 324
- Turnos, N. A., 268-269
- Uniformly regular matrices, 175-182
- Uritani, Ikuzo, 285
- Unson, J. R. C., 306
- Villafuerte, L. S., 275
- Villanueva, M. A., 325
- Villanueva Merle A., 277
- Villaseñor, Irene M., 162, 288, 289
- Villegas, Violeta N., 271-272
- Virilization in full term infants, diagnosis, 319-320
- Vitrification of in vitro grown sweet potato plants, 300
- Water quality of the Cogon River, 287-288
- Weevil control in stored grains, 301
- Welcome address, 1-2
- Yamaoka, Yujiho, 312
- Yellow stem borer, toxicity of *Bt* isolates, 307-308
- Yoshizaki, Shigeru, 331

