

INDEX

- Academy Council, 6
 Acarina—of mammals of Indiana, 426
 ADAMS, SCOT, 250
 Adenosine deaminase, 130
 Aedes, 188
 Affective learning, 72
 Air Temperatures, 388
 Alcohol dehydrogenase, 330
 Aldehydes, 99
 Alders, 330
 Algae culture, 73
 Algal availability, 387
 ALLAMONG, BETTY D., 188
 ALLAN, DAVID, N., 164
 Allelopathy, 328
 Alnus glutinosa, 88
 ALVAGER, TORSTEN, 314, 316
 Ambystoma, trigrinum, 173
 Amino Acids, 129
 Anaerobic decomposition of stream leaf litter, 306
 Analysis by potentiometric titration, 131
 ANDERSON, BRIAN, D., 436
 Angiosperms, 71
 Anionic Sites, 96
 ANSLINGER, CHARLES M., 58
 Antibiotics, 305
 Antigenicity of solubilized protein, 110
 ANTLEY, R. M., 375
 Araliaceae, 329
 Arboviruses, 423
 Archaeology, 60, 62
 Archaeology, Big Raccoon Creek, 58
 Archaeology, Parke County Cooke Site, 58
 Archaeology without Excavation, 60
Aristolochia serpentaria, 328
 Aroclors, 74
 Aromatic Hydrocarbons, 74
 Arthropods, economic, in Indiana in 1978, 194
Arundo donax L., 70
Asarum canadense, 328
Asarum caudatum, 328
 ASHLEY, GEORGE, 279
 Aspen, 164
 ATCHISON, G. J., 161
 Atmospheric pollution, computer model, 377
 Aquatic communities, 161
 Aquatic Studies, 161
 Autumn olive, *Elaeagnus umbellata*, 88
 BACONE, JOHN A., 160, 326
Bacteroides species, 304
 BAILEY, GEORGE D., 405
 BALCAVAGE, WALTER X., 314
 BALDWIN, WILLIAM W., 304
 BALLARD, TROY L., 127
 Ball State University 12th Archaeological Summer Field School, 58
 BARR, RITA, 99
 BARTON, THOMAS FRANK, 288
 Bats in Indiana, 423
Beauty of Science, 70
 BEAVER, MARGARET H., 305
 BECK, R. H., 387
 Bees, 228
 BEESLEY, LLOYD (memorial), 44
 Beetles, tiger, 209
 Beetles, water, 188
 Beijerinckia, bacteria, 306
 BENNETT, ALICE S., 104
 BERANEK, WILLIAM, JR., 74
 BERGOCH, DIANE, 189
 Bertsch Site, 58
 Biological Survey Committee, 40
 Biology instruction, 374
 Bile Acids, 305
 Black locust, *Robinia pseudoacacia*, 88
 Black Walnut, 73
 Black Walnut, *Juglans nigra*, 88
 BLAIR, B. O., 182
 BLATCHLEY, WILLIS STANLEY, 279
 BLUE, WILLIAM E., 189
 BODER, GEORGE B., 93
 BONEHAM, ROGER F., 242
 BONHOMME, H., 161
 BOURNE, SIDNEY, 74
 Bovine Erythrocyte Superoxide Dismutase, 130
 Brain Functions, 70
 Brassicaceae, Soviet Union, 327
 BRAUN, J. M., 73
 BREHM, S. P., 97
 BREHOB, KENNETH R., 236
 BRODY, RACHEL, 95, 120
 BROOKER, ROBERT M., 7
 Budget and Financial Report, 31
 Budget Committee, 6
 BURDEN, STANLEY L., 3, 6
 BURTON, LOIS, 9
 BUSEY, R. H., 127
 BUTTER, KRISTINA, 58
 Butterflies mating in Indiana, 200
 Caffeine, 97
 Caffeine, determination of, 126
 Calcium binding, 305
 California Encephalitis, 423

- Cancer, 95
 CANDLER, H. L., 218
 Cannabaceae, 330
Cannabis sativa, 330
 Carbon electrode, 136
 Carcinomas, Hepatocellular, 120
 CARTWRIGHT, KELLY L., 186
 Cave Fish, 163
 Central Identification Laboratory, 60
 CHANG, WILLIAM Y., 164
 Chelation, 128
 Chemotaxis, by a protozoan, 448
 Chemotaxis, *Halteria grandinella*, 448
 Chiggers, of mammals of Indiana, 426
 Chromatography, Gas, 126
 CHURCHILL, JR., C. M., 448
 Cicindelidae, 209
 Cincinnati Series, soils, 405
 CLARK, PAUL M., 88
 Clay County, geology, 242
 Coal Geography, 250
 Coffee, tannins in, 126
 Cognitive Learning, 70
 Cola drinks, analysis of, 126
 Coleoptera, 189
 Coleoptera, Dytiscidae, 188
 Collembola, 188
 Communities, plant, 160
 Complexes, formed in the reaction of
 fluoride with silicic acid, 127
 Computer art, 315
 Computer control, 315
 Computers data banks, 327
 Computers information storage, 327
 Conductometric titration, 126
 Cone angles, effect of phosphorus ligand, 127
 CONKLIN, R. L., 13
 Continental drift, 279
 COOK, DONALD J., 9
 COOK, KENNETH S., 130
 COOK, ROBERT L., 321
 Cooke Site, Parke County, 58
 Cook's Woods, leaf size variation in, 58
 COOPER, R. H., 17
 COOPER, ROBERT H., 10, 434
 Corn Production, 390
 CORY, WALTER A. JR., 3, 6
 COSBY, RONALD M., 315
 COSTILL, DAVID, 93
 COUTURE, M. R., 173
 COX, EDWARD TRAVERS, 278
 COX, KELLY, 58
 CRANE, FREDERICK L., 99
 CRANKSHAW, WM. BLISS, 186
 CREEK, KIM E., 94
 CREEK, K. E., 95
 Cremation, early, 62
 Cretaceous, 71
 CRISP, MARGARET L., 130
 Crops, arthropods attacking Indiana, 194
 CROVELLO, THEODORE J., 14, 326, 327, 329
 CRUM, J. R., 386
 Culex, 189
Culex Tarsalis, 188
 Culicidae, 188
 Culiseta, 189
 CUMINGS, E. R., 279
 Cutaneous Fluorescence, 314
 Cyclobuladiene, 128
 Cytidine 5'-monophosphosialic acid, 94
 Cytidine 5'-monophosphosialic acid
 synthetase, 94
 Cytochalasin, 94
 Cytokinesis, 96
 DAILEY, WM. A., 7
 DAILEY, F. K. (necrology by), 44
 DARE, PATRICIA M., 411
 Data Logging, 315
 Data retrieval computerized, 328
 DAVIS, D. G., 218
 DAVIS, WILLIAM W., 237
 Deams Trees, 326
 Decomposition Log, 165
 Delaware Co., 235
Desmopachria, 188
 Dialchols, 128
 Dihydropyrans, 129
 DIEFENBACH, CAROLYN, 71
 DILCHER, DAVID L., 70, 71
 DiNOTO, JR., VINCENT A., 315
 DOLPH, GARY E., 70, 77
 DOLPHIN, ROBERT E., 228
 DORSEY, DONALD C., 423
 DORICH, R. A., 387
 DOUGLASS, R. W., 72
 DRAKE, DANIEL, 140
Drosophila, 92
 Dryophyllum, 70
 Dunes, Indiana, 209, 235
 DUNN, HOWARD E., 377
 EBERLEY, WM. P., 10
 EBINGER, J. E., 328
 EBINGER, JOHN E., 357
 ECKRICH, THOMAS M., 129
 Ectomycorrhizal Inoculation, 72
 Electron microscope preparation, 104
 Electron Transport, 99
 Electronic response instruction, 374
 Electronic Sculpture, 315
 Electrophoresis, starch gel, 330
 Emotional reactions, 374
 Endangered species, 166
 Energy monitoring, 315
 Environmental chemicals, 24

- Environmental data, evaluation of, 161
 Environmental geology, 242, 256
 Environmental, instruction, 377
 Epidemiological surveillance, 304
 Executive Committee, 6
- FADERAN, M. A., 425
 Fagaceae, 70
 Fall meeting, Executive Committee,
 94th, minutes, 22
 Fall meeting, 94th general meeting,
 minutes, 24
 FAVINGER, JOHN J., 189
 FEINGOLD, JOHN, 160
 Financial Report, 1978, 31
 FINK, PAULA C., 95, 120
 Food crop, 74
 Flood hazards, 236
 Flora, St. Joseph Co., 160, 327
 Fluorescence, 314, 316
 Fluoride, 122
 Fluoride, reaction with silicic acid, 127
 FOERSTE, AUGUST, 279
 Forage management, 182
 FORDHAM, B. G., 315
 Forests, 165
 Forest, red maple, swamp, 160
 FORESTS, RIPARAIM, 342
 FRANZMEIER, D. P., 386
 FREEMAN, M. J., 95
 Freeze-Thaw Cycles, 388
 FRENCH, LAWRENCE W., 127
 Fungi, 94
 FURLOW, JOHN J., 330
 Ft. Ouiatenon (12-T-9), 59
- GALLOWAY, HARRY M., 405
 Galvanic Skin Response, 374
 GAMMON, JAMES O., 166
 GANION, LARRY R., 93
 GEDDES, L. A., 95
 Genetic Education, 375
 Gibson County—Soils, 405
 Gila Monster, 434
 Glacial geology, early studies in Indiana, 279
 Glaciation, continental, in Midwest, 279
 GOBBLE, D., 304
 GOETZ, D., 95
 Golgi apparatus, 94
 GOMMEL, VIVIAN, P., 388
 GOMMEL, WILLIAM, R., 388
 GOODMAN, JOHN D., 10
 GRAY, LOIS M., 163
 GREENE, EDWARD L., 329
 GRIMES, THOMAS P., 235
 GRIMSTAD, PAUL, R., 423
- Ground Pine, 328
 GROVE, S. N., 94
 Growth, Chicken, 425
 GUSTAFSON, D. P., 110
 GOFF, CHARLES W., 96, 97
- Habitat of Leaf Litter, 306-307
 HACKNEY, RICHARD L., 314
 HACKNEY, KAREN R., 314
 HALE, ALLAN M., 342
Halictw (Seladonia confusus Smith), 228
Halteria grandinella, 448
 HAMMOND, C. T., 330
 HANES, ROBERT S., 425
 HART, JOHN W., 188
 HAUSER, LARRY A., 328
 Heating Degree Days, 411
Heliomeris multiflora, 364
Heliomeris multiflora var. *multiflora*, 364
 HELLENTAHL, BARBARA, 326
 HEISER, CHARLES B., 364, 328
 HELLENTHAL, RONALD A., 161
 HENDERSON, ROBERT F., 11
 HENDRICKSON, DONALD A., 304, 306
 HENDRIX, J., 304
 Hepatocellular carcinomas, 95
 Herbarium Collections, Kansas, 328
 HERTEL, J. M., 172
 Heterosis, 83
 HOLMES, EARL A., 223
 HODES, M. E., 130, 153
 HOLAWAY, B. L., 94
 Household cleaners, analysis of, 131
 HOWALD, JAMES C., 176
 HUITINK, GERALDINE M., 128
 HUNNINGS, KEITH, 8
 Human Remains, identification, 60
Hymenoptera: Halictidae, 228
 Hyperthermia, 95
- Income and Expenses, Indiana Academy of
 Science, 1978, 31
 Indiana Biota, 40
 Indiana Lakes, 161
 Indiana Natural Heritage Program, 160
 Insects, Economic, in Indiana in 1978, 194
 Insects, water beetles, 188
 IQBAL, ZAFAR, 92, 305
 Isoelectric focusing, 153
 Isozymes, 153
- JACKSON, MARION T., 160
 JACOBSON, L. B., 95
 JARIAL, MOHINDER S., 92
 Jasper County, land use planning, 282
 Jerger Site, 62

- JERSILD, RALPH A., JR., 96
 JOHNSON, ERIC R., 130
 JOHNSON, JERRY W., 83
 JOHNSON, JOHN E., 99
 JONES, JAY H., 70
 Junior Academy, 37

 KAMO, K., 330
 Kansas Vascular Plants, 328
 KARN, ROBERT C., 130
 Karst geomorphology, 280
 Karst processes, 280
 KAUFMAN, KARL L., 8
 KEARNS, P. K., 161
 KEIFER, WAYNE, 235
 KEITH, JAMES, 15, 163
 KEITH, JERRY H., 163
 KELLER, CLIFTON, 327
 KETCHAM, BEVERLY L., 374
 KINDLE, E. M., 279
 Kinetic Sculpture, 315
 Kinetics, 128
 KING, KATHLEEN L., 93
 KIRKPATRICK, RALPH D., 171, 423
 KIRKPATRICK, RONALD L., 77
 KLOPP, T. M., 95, 120
 KLINGE, PAUL ERNEST (memorial), 45
 KNISLEY, C. BARRY, 209
 KREKELER, CARL, 235
 KRISTOF, STEVAN, 72
 KRUGER, ROBERT M., 188
 KRUGER, T. L., 128
 KULLERUD, GUNNAR, 250

 Laboratory experiments, 375
 Lake classification, 161
 Lake Monroe, 164
 Lake Sno-Tip base line study, 176
 Lake stratification, 176
 Land use planning, northwestern Indiana, 282
 LANDAY, MARSHALL, E., 304
 LANDERS, DIXON H., 165
 Landsat, 72
 LANGONA, M. R., 304
 LANTZ, N. S., 375
 LARSON, CHRISTOPHER A., 282
 Lead, determination of, 127
 Lead, in pottery, 127
 Leaf form, as related to climate, 70
 Leaf form tree, as related to climate, 70
 Leaf form, vine, 70
 Leaf-litter, bacterial decomposition, 307
 Leaf size variation, 77
 Learning cycle, 375
 Learning Theory, 52
 LECHTENBERG, V. L., 182
 Lepidoptera of Indiana, 200
 Leucine aminopeptidase, 330

 LEVERETT, FRANK, 279
 Library, Committee, 9
 Limnology, 161
Lindera benzoin (L.) Blume, 186
 LINKOUS, HAROLD L., 60
 Lipid retention, 104
 LIPKOWILZ, K. B., 128, 129
 LIST, JAMES C., 434
 Litter decay rate, 165
 LLEWELLYN MARK J., 321
 LLEWELLYN, RALPH A., 7, 321
 LOOMIS, R. B., 426
 LOYD, MICHAEL D., 315
 Lycopodium, 357
Lycopodium flabelliforme, 358

 MA, PANG FAI, 130
 MACMILLAN, P. C., 165
 MADSEN, DAVID, 305
 MAHLBERG, P. G., 330
 Magnetic anomaly interpretation, 59
 Magnetic archaeological artifacts, 59
 Magnetic exploration, 59
 MALOTT, CLYDE A., 280
 Mandelic Acid, 140
 Marijuana—taxonomy, 330
 Marion County, Indiana, 256
 MAXON, N. P., 182
 MAYS, CHARLES E., 436
 MCAVOY, BLANCHE (memorial), 47
 MCINTOSH, KAREN L., 190
 McREYNOLDS, H. E., 161, 166
 McWhinney point type, 58
 Melanogaster, 92
 Membranes, Brush Border, 96
 Memorials (see under separate names), 44
 MESMER, R. E., 127
 Mesophytic forest region, Western, 342
 Methyl Salicylate, 126
 MEYER, ROBERT W., 194
 Microclimatology, 186
 Microcomputer, use of, 315
 Microfibrils, 94
 Microprobe, design of optical, 316
 Microprocessor, 315
 Migration in *Oncopeltus*, 223
 Military identification of human remains, 60
 MILLER, BENJAMIN P., 377
 MILLER, DOUGLAS C., 327
 MILUNSKY, A., 97
 Minitransparencies, 383
 Mitosis, 97
 MODRAK, GINA, 149
 MORRE, JAMES D., 94, 95
 MORRE, DOROTHY M., 95, 120
 MOSBO, JOHN A., 127, 128
 Mosquito, 188, 189
 MOULTON, BENJAMIN, 235, 297, 346

- Mouth, 304
 MOUZIN, T. E., 218
 MROZOWSKI, S., 314
 Muck Soils, 182
 Muscle, Skeletal, 93
Myriophyllum spicatum, 165

 Needle Penetrometer, 388
 NELSON, DARRELL W., 387, 390
 NELSON, GLEN A., 171, 423
 Nerve Regeneration, 425
 Neurotoxicity, 93
 New Literature, Biota, 40
 New members, 49
 Newton County, Indiana, land use
 planning, 282
 NISBET, JERRY J., 3, 6, 70, 374
 Nitrate Pollution, 390
 Nitrogen Efficiency, 390
 Nitrogen fixation, 306
 Nitrogen-fixing species, 88
 Nuclear Weapons, 321
 Nucleotides, Modified Adenosine, 149

 Oak isozymes, 330
 Oak Species, 72
 O'DONNELL, MARTIN, 129
 Officers, Academy, 3
 Oldfield advanced, 342
Oncopeltus fasciatus, 223
 Opal, a silicified gel, 237
 Opal, an hyposthesis, 237
 OWEN, DAVID DALE, 278

 PACE, ROBERT E., 58
 Paleobotany, 70
 Paleozoic bedrock, 263
 Paleozoic systems, first recognition in
 Indiana, 280
 Palestine Lake, 161
 PALMER, G. G., 97
 Parasites, new distribution records, 194
 Parke County, Prehistory, 58
Passer domesticus (House Sparrow), 436
 PATTERSON, F. L., 83
 PATTON, JOHN B., 278
 PCBs, 74
 Peachtree borer, 218
 PEARCE, J., 95
Penicillium chrysogenum, 104
 PENTECOST, DAVID C., 263
 Pesticide residues, 74
 PETERSON, ELLEN M., 223
 PETERSON, J. B., 387
 PETTI, CHRISTINE A., 223
 PETTIBONE, GARY W., 306, 307
 PHINNEY, A. J., 279
 Phosphatases, 149
 Phosphorus, 176
 Phosphorus ligand size effects, 127
 Phosphorous Soluble, 387
 Photogeographic studies, 327
 Photometric titrations, 126
 Photosynthesis, 99
 Photosystem II, 99
 Physics and Art, 315
 Physiographic provinces of Indiana, 280
 Piaget and the laboratory, 375
 Pi-Face, 128
 Pigeon, diseases, 162
 Pine, white, 164
 PINGER, ROBERT R., 188, 189, 423
 Plants, Rare, 326
 Pollen morphology, 329
 Pollination, *Asarum canadense* and
 Aristolochia serpentaria, 328
 Pollutant Dispersion Model, 377
 POLT, ROBIN L., 129
 Pontoon Boats, 235
 POPE, P. E., 72, 73
 Population dynamics, 436
 Potentiometry, use of, 127
 Pottery extract, analysis of, 127
 Prairie Creek Reservoir, 388
 PRATL, R., 128
 Prediction of aquatic communities, 161
 Pregnancy, 97
 Prehistoric Corn, Cooke Site, 58
*Presidential Address: Indiana Academy of
 Science*, 70
 Protein seed, 330
 Pulaski County, Indiana, land use
 planning, 282
 Pyrethrins, 190

 Rabbit, cottontail, 171
 Rabies, in bats, 423
 Radioactivity in the environment, 321
 Radioactive fallout, 321
 RAGATZ, BARTH H., 149
 Raden Soil, 386
 Rat Liver, 94
 Rat Midbrain, 93
 Recreation, 235
 Reefs, fossil, early studies, 280
 Reefs, Silurian, in Indiana, 280
 Reflectance, Soil, 387
 Regional planning, northwestern Indiana, 282
 Remote Sensing, 72
 RESEIGH, WILLIAM, 58
 Reservoir, construction opposition, 288
 RESHKIN, MARK, 235
 RHINE, S. A., 97, 375
 RHYKERD, C. L., 182
 Ribonclease zymogram technique, 130
 Ribonucleo protein, 92

- RICHESON, MARY L., 104
 RICKETTS, JOHN A., 16, 375
 RIEMENSCHNEIDER, VICTOR L., 160, 327
 RISLEY, JOHN M., 128
 River temperature measurements, 315
 RNA-DNA Ratios, 161
Robackie demeijerei, 161
 ROBINSON, B. F., 387
 Rodents, 305

 ST. JOHN, P. A., 14
 St. Louis Encephalitis, 436
 SAMPSON, MAUREEN A., 329
 SAMUELSON, ALAN C., 263
 SANDERS, FRANK W., 405
 SCARPONE, S., 129
Schefflera, phylogeny of, 329
 SCHMELZ, DAMIAN V., 14
 SCHWARTZ, EUGENE, 127
 Science education, 373, 374, 375
 Science Teach, 383
 Scientific analysis, 373
 SCOTT, ROGER L., 314
 Section Chairman, 3
 Selgem, 328
 SENFT, W. H., 161
 Serology, 304
 7-Hydroxchromones, 128
 SEVER, DAVID M., 173
 SHARMA, N. C., 92
 SHIMER, STANLEY S., 373
 SHOUP, JANE R., 329
 SHROCK, R. R., 280
 Shrub leaf form, related to climate, 70
 SHULL, ERNEST M., 200
 SIEBENTHAL, C. E., 279
 SIEFKER, JOSEPH R., 127
 SIEWERT, H. F., 388
 Silica gel and opal formation, 237
 Silicic Acid, 127
 Silicic Acid, reaction with fluoride, 127
 SINCLAIR, RAYMOND H., JR., 405
 SINSKO, MICHAEL J., 189, 423
 SMITH, JAMES MITCHELL, 373
 SMITH, PHILLIP J., 411
 Soil Acidity, 386
 Soil Assessment, 235
 Soil Testing, Purdue, 386
 Soils, Compacted, 388
 Soils, Monroe County, 398
 Soils, Shale-derived, 386
 SOLLINGER, DENNIS M., 424
 Sound and Light, 315
 SPAID, C. E., 388
 SPAULDING, T. K., 97
 Spectroscopy, 128, 316
 Spicebush, 186
 Spin Centers, 314

 Spore germination, 94
 Spring meeting minutes, Executive minutes, 18
 Spring meeting minutes, General Session, 21
 Springmill State Park, 163
 SQUIERS, EDWIN R., 164
 STARK, R. J., 425
 Starke County, Indiana, land use planning, 282
 STATEN, GILBERT S., 129
 STEINHARDT, G. C., 388
 STEMER, ALEXANDER A., 304
 STEWART, LAWRENCE B., 373
 STIVERS, RUSSELL K., 386, 390
 Strontium, 96
 STORHOFF, BRUCE N., 127
 Stream Leaf-Litter, 306
 STRONG, LAURENCE E., 140
 STUBBLEFIELD, P., 97
 Succession, 164
 Succession Lake, 160
 Sulfur in Coal, 250
 Sullivan County, geology, 242
 SUN, IRIS L., 110
 SWANSON, WILLIAM, 74
 SWARTZ, B. K., JR., 58
 SWEIGARD, J. A., 94
 Switzerland County, 342
 Synopsis of *Heliomeris* (Compositae), 364

 Table Salt, analysis of, 131
 TAMAR, H., 448
 Tannins, determination in tea or coffee, 126
 Tax Assessment, 235
 TAYLOR, FRANK B., 279
 Tea, tannins in, 126
 Teaching Aids, 383
 Terre Haute, shopping center, 297
 Thermal analysis, 315
 THOMAS, ALICE K., 189
 THOMAS, G. P., 315
 THOMAS, JERRY A., 398
 THOMAS, JOHN M., 153
 Tiger beetles, 209
 TOBOLSKI, JAMES J., 330
 TOMAK, CURTIS H., 62
 Tomato, 74
 TORKE, B. G., 161
 Trappist Soil, 386
 Treasurers Report, 1978, 31
 Troglobitic beetle, 163
 Trombiculidae (chiggers), 426
 Trophic state indices, 161
 TSENG, CHARLES C., 329
 TU, WEICHEN, 314
 Turbidimetry, 126

 ULD, 190
 Upland Woods, 342

- Urban Entomology, 190
Urban runoff, 256
Urodela, 173
- VAN ATTA, R. LEWIS, 126
VAN ATTA, ROBERT E., 126, 131, 136, 316
Vanadium-48, 424
VANETTEN, ROBERT L., 128
Vascular Plants, 326
Vector Biology, 436
VESELACK, MARILYN S., 70
VETTER, RICHARD J., 161, 424
Vigo County, geology, 242
Viguiera—see *Heliomeris*, 364
Viguiera snrevei, 364
Virus Pseudorabies, 110
Vitamin A, 95
VOLGLER, KATHLEEN R., 129
VON FRESE, R. R. B., 59
- Wabash River, 127
WALTER, J., 95
WANG, JO C., 110
WARREN, CHARLES P., 60
Washing Soda, analysis of, 126
Water heaters, 315
Water Pollution, 127
WATKINS, JOHN J., 171
WATSON, JAMES, JR., 375
WATSON, NANCY T., 375
WEBER, NEIL, 235
WEBER, WALTER, 162
WEBSTER, DAN J., 316
WEISMAN, DIANE, 94
WERT, WILLIAM, 383
West Baden Group: soils, 398
WEST, TERRY R., 256
Wheat Hybrid, 83
WHITAKER, J. O., JR., 166, 423, 426
WHITMAN, RICHARD, 73, 162
WHITTED, BETH E., 99
WILLIAMS, DEWAYNE, 398
WILLIAMS, DOUGLASS B., 130
WILLIAMS, KENNETH, 316
WILLIAMS, ROBERT D., 73, 88
Wind Chill temperatures, 411
Wind Energy, 315
WINSLOW, DONALD R., 8
Winters of 1977 and 1978, 411
WITHERSPOON, MARK, 297
WOOD, DARL F., (memorial), 48
WOOD, JESSE, 96
Woodwind Reeds, 70
Worl Site, 58
WORLAND, PETER V., 256
WOSTMANN, BERNARD S., 305
- YATES, WILLARD F., 364
YOUNG, CARRIE L., 164
YOUNG, FRANK N., 188
YOUNT, EMILY A., 130
Youth Activity Committee, 8

