

Table of Contents for 1950-1959 of NJMCA Annual Meetings

Proceedings of the Association's annual meetings are published each year. The table of contents for Proceedings issued from 1950-1959 are available below. In addition to the referenced papers each proceedings includes a list of the NJMCA Officers, Trustees, Past Presidents, Mosquito Extermination Commissions and Mosquito Control Agencies in New Jersey and Business Meeting minutes.

Papers of the 1959 NJMCA Annual Meeting

- Address By the President, **Claude J. Kirkland**
- New Jersey Agriculture And Its Relation To Mosquito Control, **Ordway Starnes**
- Activities Of the State Mosquito Control Commission, **William H. Dillistin**
- 1958 World Resume Of Mosquito Activities, **Helen Sollers**
- Some Aspects Of the Aedes Aegypti Eradication In the Western Hemisphere, **Octavio Pinto Severo**
- Highlights Of Mosquito Control Research By the Entomology Research Division, **W. C. McDuffie, J. B. Gahan** and **A. N. Davis**
- Progress Of the Malaria Eradication Campaign In the Americas, **Oswaldo J. DA Silva**
- Mosquito Abatement Programs In Utah In 1958, **Glen G. Collett** and **Don M. Rees**
- Current Research In Mosquito Biology And Control At Florida's Entomological Research Center, **Maurice W. Provost**
- Obligation Of the Personnel In the Establishment And Operation Of A Mosquito Control Commission, **George W. Matthews**
- Pictorial Impressions Of the Middle East, **Joseph M. Ginsburg**
- Disappearing Meadowland In Union County, **Robert W. Helen**
- The Egg Stage Of Aedine Mosquitoes: Its Natural History And Susceptibility To Control, **A. Ralph Barr, Charles L. Judson** and **Bettina Rosay**
- Evidence Of Resistance To BHC In Adults And Larvae Of Aedes Sollicitans In Delaware, **Richard F. Darsie** and **Douglas W. S. Sutherland**
- Further Study On Mosquito Production On the Newly Acquired Cadwalader Tract, **F. Ferrigno**
- Mosquito Production And Wildlife Usage In Impounded Ditched And Wildlife Area, Delaware, 1957-1958, **Otto Florschutz**
- Mosquito Control As Related To Recreational Use In Southern New Jersey, **J. C. McDonalds**
- The Relation Of Detailed Larval Surveys To Control Efficiency In Salt Lake County, **Jay E. Graham**
- Audiovisual Aids Of Interest To Mosquito Control Workers, **Harry D. Pratt**
- New Jersey's Contributions To Mosquitoes, Past And Future, **Joseph M. Ginsburg**

- "Package" Sewage Treatment Plants And Their Role In the Community, **John Wilford** and **Robert S. Shaw**
- The Value Of Mosquito Control In Bucks County, Pennsylvania, **John T. Welsh**
- Reactions To Insect Bites, **A. S. West** and **Anne Hudson**
- A New Classification Of the Life Histories Of North American Mosquitoes, **Harry D. Pratt**
- Thoughts To Think About, **R. E. Dorer**
- Considerations In the Procurement And Training Of Mosquito Commission Personnel, **T. Everett Ross**
- Mosquito Control In Bermuda, **John H. Travis**
- Relative Periodic Attractively Of Light Traps To Adult Mosquitoes As An Index To Mosquito Annoyance Intensity, **F. Robert Du Chanois**
- Insecticide Resistance In *Aedes Aegypti*, **R. W. Fay**
- Laboratory Tests With Organic Compounds Against Adult Salt-Marsh Mosquitoes, **A. Nelson Davis**
- Mosquito Control Problems In Relation To Metropolitan Development, **Karl E. Metzger**
- Some Further Observations On the Pre-Emergence Anti-Larval Program Of the Mosquito Abatement District, **Oscar V. Lopp** and **W. J. Buchanan**
- Present Status Of Encephalitis In the Western States, **A. D. Hess** and **Leslie D. Beadle**
- Field Tests Of Mists And Dusts Against Caged Adults Of *Aedes Taeniorhynchus* (Wied.), **Carlisle B. Rathburn** and **Andrew J. Rogers**
- Medium And Long Range Planning By Mosquito Commissions, **Maurice T. Perilli**
- What the Mosquito Control Short Course Has Meant To Me, **William Comiski**
- Sanitary Landfills And Their Application To Mosquito Control, **John Zemplansky**

PAPERS OF THE 1958 NJMCA ANNUAL MEETING

- Address By the President, **Linwood W. Campbell**
- Activities Of the State Mosquito Control Commission, **William H. Dillistin**
- World Activities Relating To Mosquitoes In 1957, **Helen Sollers**
- Greetings From the Agricultural Experiment Station, **William H. Martin**
- The Louisiana Mosquito Control Association Examines Its Problems And Charts A Course, **Edward S. Hathaway**
- Research Trends And Needs In Mosquito biology And Control, **E. F. Knipling**
- Efforts Toward Mosquito Control In Cumberland County, **Frederick Becker**
- The Recreation Potential Of Our Public Lands, **Kenneth H. Creveling**
- The Assessment Of Surface Water Pollution, **H. Heukelekian**
- Resume Of Cape May Mosquito Control Work For the Past Ten Years, **Boyd M. Lafferty**
- This, Too, Is Mosquito Control, **Wesley P. Daniel**
- A Report From the American Mosquito Control Association For 1957, **A. W. Lindquist**
- The Problems Of Mosquito In Israel And Their Control, **Z. Salternik**

- The Colonization Of *Aedes Taeniorhynchus* Wied. (Diptera, Culicidae), **James S. Haeger**
- A Field Study On the Host Biting Preference Of *Culex Tritaeniorhynchus* Giles And Other Mosquito Species Of Japan, **Milton B. Flemings**
- Toxicity Of Fifteen organic Insecticides To Adult Salt-Marsh Mosquitoes, **A. Nelson Davis** and **James B. Gahan**
- The Use Of Malathion In Mosquito Control Including Its Performance In Delaware During 1957, **Richard F. Darsie**
- The Comparative Toxicity Of Malathion Dieldrin And DDT To *Aedes Aegypti* Larvae In Polluted And TAP Water, **Paul P. Burbutis** and **Daniel M. Jobbins**
- Upland Drainage By the Stream Clarence Program And Benefits Derived From Mosquito Control, **Harold J. Struckman**
- Benefits Derived From Watercourse Clearance In Morris County, **Robert L. Vannote**
- Accessory Benefits Of Mosquito Control To Housing And Industrial Developments, **Harold G. Black**
- The Control Of *Mansonia Perturbans* In A Swamp Near Princeton, New Jersey, **Russell Murphy**
- Students On Insecticide Resistance In Mosquitoes, **W. Mathis**, **H. F. Schoof** and **R. W. Fay**
- A Two Year Study Of Mosquito Breeding In the Natural And Untouched Salt Marshes Of Egg Island, **Fred Ferrigno**
- Influences Of Mosquito Control On Residential And Industrial Development, **A. Paul King**
- Secaucus Enters the Space Age, **George Bonelli**
- A Layman Look At Mosquito Control Work, **John F. Lewis**
- The Need On Heavy Equipment For Mosquito Control Work, **C. Harry Callari**
- What To Do On A Rainy, Rainy Day, **R. E. Dorer**
- Applied Research In the Future Of New Jersey Mosquito Control, **Daniel M. Jobbins**
- Mosquito Control In Chicagoland, **A. J. Boulahanis**
- A Progress Report On the Use Of Herbicides In Essex County, **Roy Wilson**
- The Use Of A Sanitary Land Fill To Eliminate Mosquito Breeding Areas On the Bergen County Salt Marshes, **Vernon Conant**
- County And Municipal Planning An Aid To Mosquito Control Programs, **William E. Roach**
- Development Of the State Water Resources, **Robert L. Hardman**
- Salt Marsh Reclamation In Nassau County And Its Effect Upon Mosquito Control, **LeRoy Kinsey**
- Hydraulic Dredging For the Control Of Mosquito Breeding, **V. Samuel Minnich**
- The Disposal Of Material Dredged From the Delaware River Between Philadelphia And Trenton, **William F. Powers**
- Mosquito Control Activities In 1967 Bucks County Mosquito Control Commission, **Elmer F. Storms**
- A New Key To the Mosquito Of New Jersey, **Paul P. Burbutis**

PAPERS OF THE 1957 NJMC

- Address Of the President, **H. Cory Walling**
- The Creation Of the State Mosquito Control Commission, **William H. Dillistin**
- A World Survey Of Mosquito Work In 1956, **Helen Sollers**
- The Maryland Mosquito Program, **George S. Langford**
- Future Report On Mosquito Control In Catch Basis, **Robert L. Armstrong**
- Leland O. Howard-the Pioneer In Mosquito Control, **Bailey B. Pepper** and **John B. Schmidt**
- Recent Research On Mosquito Larvicides By the Entomology Research Division, **W. C. McDuffie**, **J. B. Gahan** and **A. N. Davis**
- The Evaluation Of Medical Catalyst From A Mosquito Commissioner, **John T. Morrison**
- Audio Put To Educational Use, **R. E. Dorer**
- Egg Sampling As An Index Of Mosquito Breeding, **Oscar V. Lopp**
- Mosquito Control Activities In the Third Naval District, **John W. H. Rehn**
- *Culiseta Melanura* Coq. And Eastern Equine Encephalomyelitis In New Jersey, **Paul P. Burbutis** and **Daniel M. Jobbins**
- Equine Encephalomyelitis In New Jersey, **Daniel Cohen** and **Oscar Sussman**
- A Preliminary Survey Of Mosquito Production On the Island Public Shooting And Fishing Grounds, **F. Ferrigno** and **L. G. MacNamara**
- A Research Program To Meet New Jersey's Mosquito Control Needs, **Ordway Starnes**
- Multiple Use Of Our Land, Especially Marshland, **L. G. MacNamara**
- Observations On the Dispersion Of *Culex Piptiens* Adults From A Large Breeding Area, **Lyle E. Hagmann**
- The Value Of Public Relations In Mosquito Control, **J. Edwin Sameth**
- Army Mosquito Surveillance In New Jersey, **Lt. Milton E. Tinker**
- Effects Of Biting Flies And Mosquitoes On Milk Production, **Philip Granett** and **Elton J. Hansens**
- Future Leaders In Mosquito Control, **Bailey B. Pepper**
- The Cooperative Of Drainage And Mosquito Control Practiced In Bergen County, **Claude J. Kirkland**
- Municipal And County Cooperation For Mosquito Control In Ocean County, **Allen K. Brouwer**
- The Adult Mosquito Control Policies Of the Morris County Mosquito Extermination Commission, **John P. Mailler**
- The Instigation Of Adult Control In Municipal Government From 1946 To 1957 By the Cape May County Mosquito Commission, **John W. Douglas**
- Are Aircraft Applications For the Control Of New Jersey Mosquitoes Worthwhile, **Daniel M. Jobbins**
- Air Boat As Used By the Toledo Area Sanitary District, **P. Bruce Brockway**
- The Toxicity Of Chemicals Used In Mosquito Control, **William F. Durham**
- The Field Evaluation Of Some Thermal Aerosol Formulations For the Area Control Of Adult Mosquito, **F. R. DuChanois** and **L. B. Alltop**

- Status Of Insecticide-Resistance In Delaware's Salt-Marsh Mosquito, **Richard F. Darsie, James B. Krause and Leslie D. Beadle**

PAPERS OF THE 1956 NJMCA ANNUAL MEETING

- President's Address
- Welcome To the Convention City, **Joseph Altman**
- Looking To the Future In Mosquito Control, **Ordway Starnes**
- Cooperative Investigations By States Agencies Concerned With the Transmission Of Viral Diseases Of Birds, **Oscar Sussman**
- Behind the Scenes With the Mosquito Control Study Commission Of the State Of New Jersey, **Jesse B. Leslie**
- The Need For Education And Public Relations In A Mosquito Control Program, **John A. Martin**
- Survey of Mosquito Work Throughout the World In 1955, **Helen Sollers**
- State Assistance To County Control In Florida, **George T. Carmichael**
- A Three-Year Study Of Mosquito Breeding In Natural And Impounded Salt-Marsh Areas In New Jersey, **H. C. Chapman and F. Ferrigno**
- Mosquitoes-Their Evolutionary History, **John B. Schmitt**
- Students On Mosquito Breeding In Natural And Impounded Coastal Salt Marshes In Delaware During 1955, **Paul F. Springer and Richard F. Darsie**
- New Jersey Climate And Its Influence On Life, **Erwin R. Biel**
- The Water Balance In New Jersey As Determined From Climatic Data, **A. Vaughn Havens**
- The Flood Picture In New Jersey, **Robert E. Cyphers**
- The Pest Mosquito Problem In the United States, **R. J. Hammerstrom**
- Use Of Newer Insecticides For Mosquito Control In New Jersey, **Joseph M. Ginsburg**
- The Place Of Weed Killers In The Future Programs Of County Mosquito Extermination Commissions-"An Interim Opinion", **J. Edwin Sameth**
- Pictorial Key To the Commoner Species Of Mosquito Larvae In New Jersey, **Robert W. Lake**
- Public Participation In Mosquito Control, **Walter Treen**
- Further Evaluation Of Storage Against Mosquitoes: Toxicity To Culex Larvae And Aedes Adults, **Frank J. Murphey and Richard F. Darsie**
- The Potential Of Mosquito-Borne Diseases In Canada, **A. S. West**
- Review Of Union Mosquito Control, 1942 To Date, **George E. Powers**
- Activities Of the Northeastern Mosquito Control Association, **Lewis F. Wells**
- Permanent Ditch Liners In the City Of Warwick, Virginia, **R. E. Dorer and N. S. Beaton**
- The Elasticity Of Jurisdiction, **George Bonelli**
- Citizen Cooperation, **John Lewis**
- State And Federal Aid To the Mosquito Battle, **Joseph Culloo**
- State And Federal Aid To the Mosquito Battle, **Joseph Culloo**
- Current Research On Mosquito Control In New Jersey, **Daniel M. Jobbins**

- The Biology Of *Culiseta Melanura* (Coquillet) In New Jersey, **Paul P. Burbutis** And **Robert W. Lake**
- Continued Studies Of Fuzzbill, *Tendipes Decorus* (JOH.) Control On Long Island, **H. Jamnback** and **D. L. Collins**
- The Port Authority's Proposed Port Newark And Port Elizabeth Developments, **John M. Kyle**
- Rubbish And Garbage Disposal, **Robert L. Armstrong**
- Toxicity Of Some New Organic Phosphorus Compounds To Anopheline Larvae, **G. C. LaBrecque, J. B. Gahan** and **J. R. Noe**
- Mosquito Control In Catch Basins, **John Crowell**
- Pre-Season Applications Of DDT Wettable Powders For Mosquito Control In Massachusetts, **Lewis F. Wells**
- Electrical Controls For Todd Insecticidal Fog Applicators, **Robert L. Vannote**
- The Advantages Of County Mosquito Commissions Working With Municipal Planning Boards, **Ralph B. Little** and **Philip T. Carroll**
- A Preliminary Survey Of the Biting Diptera Of the Teton Range, **Wallace P. Murdoch**

PAPERS OF THE 1955 NJMCA ANNUAL MEETING

- Welcome, **John O'Donnell**
- World Attack On Mosquitoes In 1954, **F. C. Bishopp** and **Helen Sollers**
- Mosquito Control In New Jersey From the Viewpoint Of the Federation Of Women's Clubs, **Walter M. Burns**
- Current Status Of Mosquito-Borne Diseases In the United States, **Roy F. Fritz**
- Views Of A Freeholder Board As To the Value Of the Mosquito Control Program, **John E. Curry**
- Mosquito Control And International Health, **Donald R. Johnson**
- A Municipal Clearing House For the Abatement And Control Of Mosquitoes, **Charles T. Foulk**
- Relationship Between the Local Health Officers Of Boards Of Health And Our County Mosquito Commissions, **Charles T. Foulk**
- Report Of A Malaria Survey Of the Yaeyama Islands, **Leslie W. Teller**
- The Responsibilities Of the New Jersey Agricultural Experiment Station As Viewed By A Mosquito Extermination Commission, **Morris County Mosquito Extermination Commission**
- A Report Of Activities Of the American Mosquito Control Association For 1954, **Richard F. Peters** and **Theodore G. Raley**
- Mosquito Control In Bermuda, **John H. Travis**
- Nassau County Mosquito Control Organization And Facilities, **LeRoy Kinsey**
- Drainage Plans For Great Piece Meadow In Essex County, **Roy Wilson**
- Permanent Works For Mosquito Control On TVA Lakes, C. D. Fairer, **D. M. Morgan** and **E. K. Gaither**
- The Part Of Modern Research In Mosquito Control, **Francis C. Stokes**
- Strobane, A New Chemical Agent For the Control Of Mosquitoes, **Richard F. Darsie** and **Frank J. Murphey**

- Recent Advances In Mosquito Control In Pennsylvania, **Russell W. Gies**
- Publicity And Public Relations In the Mosquito Control Program, **Samuel H. Reck**
- The New Jersey Agricultural Experiment Station-1880-1955, **W. H. Martin**
- Chemical In New Jersey Mosquito Control-1954, **Joseph M. Ginsburg**
- The Thomas J. Headlee Research Fellowship-10 Years Progress, **Franklin C. Nelson**
- Studies Of Mosquito Breeding In Natural And Impound Salt-Marsh Areas In New Jersey And Delaware In 1954, **H. C. Chapman, P. F. Springer, F. Ferrigno, and R. F. Darsie**
- The Garden State Parkway Project, **William Pease**
- The L-20 As A Vehicle For Aerial Dissemination Of Insecticide By the U. S. Air Force, **Wesley R. Nowell**
- The Scope Of Mosquito Commission Responsibilities As Viewed By A n Employee, **Jesse B. Leslie**
- The Scope Of Mosquito Commission Responsibilities As Viewed By A Commission, **J. Edwin Sameth**
- The Pompton-Pequannock Rivers Snagging And Clearing Project. A Result Of Cooperation Between the Mosquito Commissions And the Boards Of Chosen Freeholders, **John Roach and Robert C. Moore**
- *Culex* Colonies For Insecticide Resistance Reference, **Paul P. Burbutis and James R. Davis**
- Current And Needed Research Affecting Mosquito Control, **D. L. Collins**
- Recreation And Mosquito Control, **F. S. Matheson**
- The Mosquito Control Program In Suffolk Country, 1954, **C. T. Williamson**
- Hydraulic Fills And Their Relation To Mosquito Infestation And Control In the Raritan Valley, Middlesex County, New Jersey, **William Thom**
- Laboratory Studies With Water-Soluble Mosquito Larvae, **J. B. Gahan, G. C. Labrecque and J. R. Noe**
- DDT Resistant *Culex Pipiens* In Massachusetts, **Robert L. Armstrong**
- Public Protection During Fogging Operations, **P. Bruce Brockway**
- Mosquito Control And Economic Developments On the Newark Meadows, **Oliver Stivers**
- Putting the Annual Report To Work, **J. W. Dennis and R. E. Dorer**
- Aircraft Spraying For Mosquito Control-Five Years Operation In Seashore Counties, **Daniel M. Jobbins**

PAPERS OF THE 1954 NJMCA ANNUAL MEETING

- Address Of The President,
- Welcome To AMCA, **F. C. Bishopp**
- Welcome To Atlantic City, **Albert S. Smith**
- New Jersey Mosquito Control And the State Agricultural Experiment Station, **William H. Martin**
- The Increased Cooperation Between the Boards Of Chosen Freeholders And Mosquito Commissions In N. J., **Albert S. Smith**

- World Accomplishments In Mosquito Work In 1953, **F. C. Bishopp, H. H. Stage and Helen Sollers**
- Pest Control And Industrial Development, **Clayton S. Cronkright**
- What 100 Years Of Research In Entomology Has Meant To Our National Economy, **David G. Hall**
- Mosquito Control In Municipalities, **Alfred H. Fletcher**
- Further Studies On Aerosols For Mosquito Control, **A. W. A. Brown and P. E. Morrison**
- Recent Research On Mosquito-Borne Diseases In Japan, **John E. Scanlon**
- The Importance Of Watercourse Maintenance In Mosquito Control And the Problems Attached Thereto, **Robert L Vannote**
- County Planning And Mosquito Control, **Daniel M. Jobbins**
- Significant Recent Developments In Mosquito Control In California, **Thomas D. Mulhern**
- The Entomological Program In the United States Air Force, **Wesley R. Nowell**
- Aerial Dissemination Of Insecticides By the United States Air Force, **Wesley R. Nowell**
- The Woman's Clubs And Mosquito Commissions, **Thomas P. Fleming**
- The Biology And Control Of the Moriches Bay Fuzzbill, *Tendipes decorus* (Joh.), **Hugo Jamnback**
- Some Aspects Of Residual Spraying In Malaria Control, **F. P. Coyne**
- Mosquito Control At Raritan Arsenal, New Jersey With Granular Larvicides, **John W. H. Rehn**
- The Present Status Of Insecticides In Country-Wide Mosquito Control, **Joseph M. Ginsburg**
- Experience With Granular Insecticides In the Western United States, **G. Edwin Washburn**
- Experience With Granular Insecticides For Mosquito Control In Eastern United States, **Robert L. Vannote**
- The Toxicity Of Aerosols And Residual Sprays To Resistant Mosquitoes In California, **C. M. Cjullin**
- Fields Experiments With Organic Phosphates, **Richard F. Peters**
- Present Status And Outlook Of Mosquito Resistance To Insecticides, **A. W. A. Brown**
- Toxicity To man And Animals Of Certain Newer Insecticides Used In Mosquito Control, **Justus C. Ward**
- A Report From the Desplaines Valley Mosquito Abatement District, Lyons, Illinois, **Franklin C. Wray**
- A Report From the California Mosquito Control Association, **C. Donald Grant**
- Mosquito Control Operations In North Carolina, **Charles . White**
- Mosquito Control Through Arial Dispersal Of Insecticides, **John M. Hirst**
- The Establishment Of A Malaria Control Training Center In Chiangmai, Thailand, With American Cooperation, **Ernestine B. Thurman**
- Control Of *Culex Fatigues* Wied. With Dieldrin A Preliminary Report, **L. J. Charles**
- A Freeholder's Views On Mosquito Control In Ocean County, **A. Paul King**

- Malaria In New Jersey In 1953, **Carl E. Weigele**
- The Use Of Mobile Telephones In Mosquito Control, **P. Bruce Brockway**
- Some Biological Observations On Tree Hole Mosquito In Passaic County, New Jersey, **Robert W. Lake**
- Notes On the Light Reactions Of Larvae Of Culex Restuans Theo., **William E. Bickley**
- Photo Keys To Mosquito Species For Use By Field Operators, **John O. Stivers**
- Control Of Adult Tabanids By Aerial Spraying, **A. W. A. Brown** and **P. E. Morrison**
- Training Activities In Insect Control Of the Communicable Disease Center, **Harry D. Pratt**
- Ditch Dynamiting At Kerr Reservoir, **William S. Murray**
- State Aid, **V. Sam Minnich**
- Uses And Results Of Lethane In Florida Districts, **C. Sam Minnich**
- Loss Of DDT-Resistance In Delaware's Salt-Marsh Mosquito Larvae, And Results With BHC. EPN And Malathion In 1953, **Donald MacCreary** and **Richard F. Darsie**
- The Health Officer And the Mosquito Commission, **Philip J. Rafle**
- Studies Of Mosquito Breeding In Natural And Impounded Salt-Marsh Areas In New Jersey And Delaware, **H. C. Chapman**, **Paul F. Springer**, **F. Ferrigno** and **Donald MacCreary**
- Mosquito Control Makes Advances In Greater Winnipeg, **Edmund J. Stansfield**
- A New-Type Weed Cutter And A Different Wrinkle In Catch-Basin Spraying, **Frank M. Doughty**
- The Importance Of Accident Prevention In Mosquito Control, **William R. Manser**
- The Effect Of Ditching On Salt-Marsh Vegetation In Florida, **B. V. Travis**, **G. H. Bradley** and **W. C. McDuffie**
- Pictorial Keys To Mosquitoes Of Medical Importance, **Richard H. Foote**
- Mosquito Light Trap Collections At Yukon, Florida For the Six-Year Period, 1948-1953, **Kenneth L. Knight**
- Summary Of the History Of the Associated Executives Of Mosquito Control Work In New Jersey, George e. Powers, **Robert L. Vannote** and **Lester W. Smith**
- Mosquitoes-An Increasing By-Product Of Western Development, **Richard F. Peters**
- Bucks County, Pennsylvania-Unique Set Up For Mosquito Control Work, **Russell W. Gies**
- An Attempt At Malaria Eradication In Tobago, B. W. I.,1948-1953, **H. P. S. Gillette**
- Research Activities In Chemical Control Of Mosquitoes In New Jersey In 1953, **Joseph M. Ginsburg** and **Daniel M. Jobbins**

PAPERS OF THE 1953 NJMCA ANNUAL MEETING

- Address Of the President,

- The Experiment Station, **William H. Martin**
- Greetings From the American Mosquito Control Association, **C. R. Twinn**
- Mosquito Work Around the World In 1952, **F. C. Bishopp, H. H. Stage And Helen Sollers**
- Report On Malaria In New Jersey For 1952, **Carl E. Weigele**
- Mosquito-Borne Virus Diseases With Special Reference To Recent Studies On Encephalitis, **Roy W. Chamberlain**
- Predicting Mosquito Emergence, **W. O. Haufe**
- Some Aspects Of Water Movement And Shore Erosion In Relation To Mosquito Control In Tidal Areas, **Thurlow C. Nelson**
- Forty Years Of Mosquito Control Work In New Jersey, **Alphonse W. Kelley**
- Mosquito Control In New Jersey-Looking To the Future, **Bailey B. Pepper**
- Symposium On Mosquito Control On Public Lands, **L. A. Stearns**
- The Production And Conservation Of Wildlife In Relation To Mosquito Control On State Owned Lands In New Jersey, **L. G. MacNamara**
- Mosquito Control At U. S. Army Installations In New Jersey In 1952, **John W. H. Rehn**
- Mosquito Control On National Wildlife Refuges, **Richard E. Griffith**
- Statement Of TVA Experience For Panel Discussion Of Mosquito Control On Public Lands, **G. S. Christopher**
- Remarks On Some Public Health Service Mosquito Control Activities, **G. H. Bradley and W. J. Buchanan**
- Impressions of A Commissioner After A Quarter Century Of Service In Mosquito Control Work, **Harry R. Singer**
- What the Mosquito Nuisance Means To the Hotel Business In Resort Areas, **Edward McNellis**
- Expanding Horizons, **Ilene Evans**
- The "Aedes Aegypti" Situation In the United States, **G. H. Bradley and F. O. Atchley**
- The History Of Mosquito Control On the North Arlington Meadows, **Jesse. B. Leslie**
- Mosquito Control Activities In Korea, **Arthur S. Kidwell**
- Environmental Sanitation's Contribution To Mosquito Control, **Alfred H. Fletcher**
- Legislation Relating To Insecticides And Their Use, **F. C. Bishopp**
- Mosquito Research By the Bureau Of Entomology And Plant Quarantine And A Look Ahead, **F. C. Bishopp and Helen Sollers**
- The Distribution Of "Mansonia Perturbans" (Walker) In Morris County, **Lincoln P. Brown**
- Vermont And Its Mosquito Problem, **John W. Scott**
- Mosquito Control In Virginia, **Rowland E. Dorer**
- New Mosquito Distribution Records For New Jersey, **Robert W. Lake**
- New Tools For Entomological Research, **A. S. West**
- Rate Of Decomposition Of the Newer Insecticides When Exposed Outdoors To Direct Sunlight, **Joseph M. Ginsburg**

- Analysis Of Mosquito-Trap Collections At Delaware City And Lewes , Delaware, For the Twenty-year Period, 1932-1951, **R. F. Darsie, Donald MacCreary And L. A. Stearn**
- Toxicity Tests In 1952 BBC And Dilan Against Delaware's DDT-resistant Salt-Marsh Mosquito Larvae, **Donald MacCreary, R. F. Darsie and Frank D. Cannon**
- Crawler Crane In Mercer County Mosquito Control, **Harold G. Black and Russell F. Murphy**
- Airplane Spraying For Mosquito Control Along the Jersey Shore, 1950-1952, **Daniel M. Jobbins**

PAPERS OF THE 1952 NJMCA ANNUAL MEETING

- President's Address
- Word Wide Mosquito Work In 1951, **F. C. Bishopp, H. H. Stage And Helen Sollers**
- The Contribution Of New Jersey To Mosquito Control, **Don M. Rees**
- Holding the Line, **Harvey Bein**
- Anti Mosquito Activities On Water Resources Programs, **G. H. Bradley**
- The Interest Of Health Departments In Mosquito Control, **Alfred H. Fletcher**
- Report On Malaria In New Jersey For 1951, **Wallace T. Eakins**
- Malaria And Mosquito Control In Green, **John Hadjinicolaou**
- Mosquito Control In the First Army Area With Particular Reference To New Jersey, **John W. H. Rehn**
- Adult Mosquito Control By Airspray In Northern British Columbia And the Yukon, **J. F. Sharp**
- *Mansonia Perturbans* Recent Studies In New Jersey, **Lyle E. Hagmann**
- Symposium On Organization Of Mosquito Extermination Commissions
Introductory Statement, **L. A. Stearns**
- Requirements, Duties And Responsibilities Of the Mosquito Extermination Commission, **Daniel M. Jobbins**
- Policies And Planning Of the Mosquito Extermination Commission, **Jesse B. Leslie**
- Public Relations And Personnel Management Union County, **Henry P. Dengler**
- Inspections, Surveys And Records, **Vernon Conant**
- Temporary Control Methods In the Field, **Robert L. Vannote**
- Office Operations, **George E. Powers**
- Development And Maintenance Of Machinery And Equipment, **Fred A. Reiley**
- The Mosquito Commissioner-His Obligations To the Community And To the County, **Hendrik Van Brederode**
- Some Observations On the Abundance Of Salt Marsh Greenheads, **Elton J. Hansens**
- Th Efficiency And Economy Of Mechanized Equipment Versus Hand Work In Ocean County, **Floyd P. Ayers**
- Some Unsolved Problems In the Transmission Of Parasitic Organisms By Mosquitoes, **Leslie A. Stauber**

- The Effectiveness Of Mosquito Control In Salt Lake City, Utah, As Determined By Light Trap Collections, **Don M. Rees**
- Mosquito Control At Army Installations By Scheduled Applications Of Insecticides, **R. H. Vincent** and **W. D. Reed**
- Needs For Additional Research On Mosquito Control And Game Management, **L. G. MacNamara**
- Experimental Use Of A Helicopter As A Larvicidal Aircraft For the Control Of Anopheles Quadrimaculatus, **W. F. Wilson**, **E. A. Philen** and **C. W. Kruse**
- The Resistance Of Mosquitoes To Insecticides, **H. H. Stage**, **J. C. Keller** and **C. M. Gjullin**
- The Development Of Insecticide Resistance In Salt Marsh Mosquitoes In Florida, **John C. Keller** and **W. C. McDuffie**
- The Utilization Of Sanitary Landfills In the Control Of Mosquitoes, **Robert D. Murrill** and **John Zemplansky**
- Status Of Malaria Incidence In the United States, **Roy F. Fritz**
- Vermont Mosquito Report, **John W. Scott**
- Mosquito Control On Soft Fills, **Perry W. Ruth**
- Preliminary Studies On the Effect Of Sunlight On Decomposition And Detoxification On DDT, **Joseph M. Ginsburg**
- Serological Identification Of Mosquito Blood Meals, **Ralph J. DeFalco**
- Resistance Of Delaware Salt Marsh Mosquito Larvae To DDT, Including Data On Residue Accumulations In Marsh Soil, **R. F. Darsie** and **Frank D. Cannon**
- Effect Of DDT And Lindane Sprays On Goldfish, **R. F. Darsie**
- Notes On the Mosquitoes (Culicinae) Of New Hampshire, **R. L. Blicke**

PAPERS OF THE 1951 NJMCA ANNUAL MEETING

- Aerial Spraying For Mosquito Control In New Jersey Seashore Counties, **Daniel M. Jobbins**
- A Two-Way Street, **Ilene Evans Fleming**
- A Review Of Contributions In 1950 To Wild Mosquito Problems, **F. C. Bishopp**, **H. H. Stage** and **Helen Sollers**
- The New Jersey Turnpike And Mosquito Control, **Henry E. Rose**
- Central Remarks On the Control Of Onchocerciasis, **Luis Vargas**
- Human Toxicological Aspects Of the Insecticide And Insect Repellent Development Program Of the Department Of the Army, **Thomas E. Patton** and **Frank G. Favorite**
- Resistance Of Salt-Marsh Mosquito To Insecticides In Florida, **John C. Keller** and **W. C. McDuffie**
- Report On Malaria In New Jersey For 1950, **Wallace T. Eakins**
- Public Health Interests In Mosquito Control, **George H. Bradley**
- Symposium On Water Management And Drainage For Mosquito Control, **Introductory Statement**, **L. A. Stearns**
- The Relationship Of Water Management And Drainage To Other Forms Of Mosquito Control, **Daniel M. Jobbins**

- Water Management And Drainage In Open Salt Marsh Areas For Mosquito Breeding Control, **Fred A. Reiley**
- Mosquito Control On An Enclosed Salt Marsh, **George E. Powers**
- Fresh Water Swamps With Reference To Surface Drainage, **Robert L. Vannote**
- Water Level Management For the Control Of *Anopheles quadrimaculatus* In The Tennessee Valley, **T. F. Hall**
- Progress Of Mosquito Control In Florida, **J. A. Mulrennan**
- Views Of Mosquito Control In Virginia, **Perry W. Ruth**
- Mosquito Breeding Conditions In Vermont For 1950, **John W. Scott**
- Mosquito Prevalence In 1950 As Indicated By Trap Collections, **Lyle E. Hagmann**
- Effect Of Mosquito On South Jersey Agriculture, **Donald G. McAlester**
- Personnel Relations In Mosquito Control, **Charles O. Roth**
- Review Of Mosquito Control In Suffolk County, N. Y., **C. T. Williamson**
- The Canadian Arctic And Sub-Arctic Mosquito Problem, **A. S. West**
- Pre-Season Applications Of DDT In Bergen County, **Harold J. Struckman**
- Pre-Season Applications Of DDT In Union County, **Richard F. Sherry**
- Pre-Season Applications Of DDT In Middlesex County, **William Thom.**
- How Can Mosquito Control Agencies Best Cooperation In the National Civil Defense Programs?, **Russell W. Gies**
- Public Reaction To Mosquito Control In Cape May County, **Samuel A. Harker**
- New Spreading Agents For Oil In Mosquito Control, **Joseph M. Ginsburg**
- The Effect Of Major Public Health Improvements On Established Mosquito Control Installations, **Maximilian M. Stallman**
- Essex County, **Oliver C. Stivers**
- An Annotated List Of the Mosquitoes Of Delaware, **R. F. Darsie, Donald MacCreary and L. A. Stearns**
- Bergen County, **Vernon Conant**
- Burlington County, **Earle D. Potter**
- Airplane Application Of Q-137 And Dieldrin For Control Of Salt-Marsh Mosquito Larvae In Delaware, **Donald MacCreary, R. F. Darsie and Frank D. Cannon**
- Application Of Coarse DDT-Impregnated Dusts In the Passaic Valley As A Pre-Hatch Control Of Mosquito, **Robert L. Vannote**
- A Summary Of Mosquito Control Work In New Jersey In 1950, **Daniel M. Jobbins**

PAPERS OF THE 1950 NJMCA ANNUAL MEETING

- The President's Address, **Hendrik Van Brederode**
- Should Mosquito Commissions Engage In Other Activities, **W. H. Martin**
- Review Of Mosquito Work Throughout the World In 1949, **F. C. Bishopp, H. H. Stage and Helen Sollers**
- A Brief History Of Mosquito Control In New Jersey, **Jesse B. Leslie**
- How the Woman's Club Looks At Mosquito Control, **Harvey Bein**
- Why Not More Customer Participation In Mosquito Control, **Harold F. Gray**

- Budgets And the Devaluated Dollar, **Spencer S. Marsh**
- Report On Malaria In New Jersey For 1949, **Wallace T. Eakins**
- Public Relations, **M. M. Stallman**
- History Of the Norfolk City Mosquito Control Commission Norfolk, **Virginia, Perry W. Ruth**
- A Progress Report On the Connecticut Power Ditcher, **Julius Elston**
- Audio-Visual Aids For Mosquito Identification Produced By the Communicable Disease Center, **Harry D. Pratt**
- Symposium On the Chemical Control Of Mosquitoes, Introductory Statement, **L. A. Stearns**
- Chemicals Used For Mosquito Control In New Jersey In 1949, **Joseph M. Ginsberg**
- The Aerial Application Of Insecticides For Mosquito Control, **H. H. Stage**
- Chemical Control Of Mosquitoes With Hydraulic Spray Equipment, **A. F. Geib**
- Methods And Equipment For Adult Mosquito Control, **Robert L. Vannote**
- Meteorological Conditions As They May Affect Aerial Applications Of Insecticides For Mosquito Control, **John M. Hirst**
- The Mosquito Of Florida, **R. P. Templeton**
- Organization For Mosquito Control In Florida, **Maurice W. Provost**
- Cooperative Studies Of Aedes Ecology, **G. Edwin Washburn**
- Observations On the Pupae Of *Mansonia Perturbans* (Walk.) In Virginia, R. E. Dorer, **R. G. Carter** and **W. E. Bickley**
- Area Control Of Mosquitoes By Aircraft In Sub-Arctic Canada, **C. R. Twins, A. W. A. Brows** and **H. Hurtig**
- Airplane Distribution Of Larvicides For the Control Of *Anopheles Quadrimaculatus*, **G. F. Ludvik**
- Airplane Spraying For Mosquito Control In Four New Jersey Seashore Counties, **John Zemlansky**
- Insect Repellents And Nets For Use Against Sand Flies, **B. V. Travis** and **F. A. Morton**
- Present Status Of the Malaria Eradication Program, **George H. Bradley** and **F. Earle Lyman**
- The State Of California Subvention Program For Vector Mosquito Control, **Arve H. Dahl**
- In Answer To An Edict Prohibiting the Use Of DDT For Mosquito Control In Forest Preserve Areas, **J. Lyell Clarke**
- The Six-Year Supplemental Program For Mosquito Control In Cape May County, **Boyd Lafferty**
- Report On Mosquitoes In Vermont For 1949, **John W. Scott**
- Salt Marsh Fly Control As An Adjunct To Mosquito Control In Massachusetts, **Bertram I. Gerry**
- Insecticide Resistance Problems Encountered By the Army During 1949, **Thomas E. Patton** and **Frederick W. Whittemore**
- Influence Of A Low Forest-Canopy On the Effectiveness Of Plane Applications Of DDT Against Mosquito Larvae, **Donald MacCreary** and **E. E. Lynch**

- Pre-Season Insecticidal Applications For Mosquito Control In County, **Roy J. Wilson**
- A Season's Use Of A Scavel Plow By the Middlesex County Mosquito Extermination Commission, **William Thom**