

SPRING MEETINGS, 1969

The Collegiate Division held three regional meetings during Spring 1969. The following student papers were presented:

EAST TENNESSEE SECTION

CARSON-NEWMAN COLLEGE, APRIL 12, 1969

The Orne Effect with Different Sized Groups, John Chenault, Linda Manship, and Michael Walker, Tennessee Wesleyan College.

The Effect of Passive and Active Anger Release on Systolic Blood Pressure, Donald Nation and Marion Nation, Tennessee Wesleyan College.

Religious Uncertainty and Anxiety Arousal in Eighth Grade Students, Stanley Jones, Tennessee Wesleyan College.

The Use of Operant Conditioning Techniques with the Brain Damaged Child, Harold Maready, Tennessee Wesleyan College.

The Polarographic Reduction of Azo Resorcinol Dyes and Their Copper Chelates, Charles O'Dell, King College.

New Anti-Cancer Compounds, Stuart Watson, Jr., Carson-Newman College.

A Study of the Nuclear Quadrupole Resonance of Nitrogen-14 in Cyanogen Bromide, Russell Powell, Carson-Newman College.

Cosmic Ray Research at Carson-Newman College, Gary Harris, Carson-Newman College.

The Building of a Spark-Chamber Cosmic Ray Telescope, Samuel Kiser, Carson-Newman College.

A Progress Report on Cellular Proliferation at Root Tip of Pisum sativum, variety Wando, John Pinnix, Carson-Newman College.

Bacteria from Mouse Creek, John Dailey, Lee College.

Intestinal Parasites of the Bluegill in Bradley County, Charles White, Lee College.

The Thoracic Cavity as a Preferred Site of Transplantation, Sharon Odum, King College.

MIDDLE TENNESSEE SECTION

THE UNIVERSITY OF THE SOUTH, APRIL 19, 1969

Cave Mapping with the Digital Computer, Shelburne Wilson, The University of the South.

Study of the Terrestrial Invertebrate Cavernicoles of the Permanent Dark Zone of Jackson Cave, Tennessee, Allen Coggins, Middle Tennessee State University.

Vernonia crinita, Barbara Burch, Tennessee Technological University.

Inner Chelates of Arsenic Containing Ligands, Dale Livingston, David Lipscomb College.

Investigation of the Stillinger-Ben-Naim Evaluation of the Liquid-Vapor Interface Potential for Water, James Beene, The University of the South.

Laser Diffraction Topology, Albert Bass, Belmont College.

An Unusual Precipitate in Solutions of Bismuth and Sulfate Ions, James Sullivan, The University of the South.

Recombination Rates in n-type Silicon, Dorris Tongate, Tennessee Technological University.

Effects of Cobalt-60 Radiation on Bone Marrow of Fresh Water Fish, Donald Ray, Middle Tennessee State University.

Foot Thumping in the Mongolian Gerbil, William Granger, The University of the South.

Vernonia angustifolia, Guillermo Flores, Tennessee Technological University.

Experimental Study of Bostick Plasmoids, Pace Vandevender, Vanderbilt University.

WEST TENNESSEE SECTION

SIENA COLLEGE, APRIL 26, 1969

The Use of Dimethylsulfoxide as a Transport Medium in Studying the Effect of 8-Azaquinine on the Parasitic Wasp (Habrobracon) Embryo, Claude Workman, Southwestern at Memphis.

The Relationship of the Type of Word to Anagram Solution, John Raines and Ed Nasca, Lambuth College.

Diatoms at Station 6, Shelby County, Ginger Proctor and Catherine Jackson, Siena College.

Effects of Two Different Methods of Monetary Rewards on Maze Learning, Linda Chidester, Siena College.

The Effect of Pregnancy on the Cytology of Mouse Peritoneal Fluid, Gary Campbell, Christian Brothers College.

Effects of Schizophrenia Serum on Chick Ganglia, Linda Chidester, Siena College.

Construction of a CO₂ Laser, Broadus Weatherall, Memphis State University.

Some Experiments with Thermoluminescence, Frank Taylor, Memphis State University.

A Study of Algae from Pond Specimens in West Tennessee, Ruth Hamblen, Paula McDonald, and Rita Lucas, Siena College.

Research on Sulfur Compounds, Harold Bueler, Memphis State University.