

Dr. Carl T. Bahner, President; Dr. Carl T. Seyfert, Vice-President; Dr. Arlo I. Smith, Secretary; and to Dr. Moffatt G. Boyce, Treasurer for their time and effort in capably serving the Academy in their respective capacities.

The Nominating Committee composed of Hanor A. Webb, H. D. Dawson, and Clinton L. Baker, through the chairman, Dr. Webb presented the following nominations: for Treasurer, Dr. Moffatt G. Boyce; for Secretary, Dr. Elsie Quarterman; for Vice-President, Dr. Aaron J. Sharp; and for President, Dr. Carl K. Seyfert. There were no nominations from the floor and Dr. Royal E. Shanks moved the nominations cease and that the entire ballot be cast in favor of those nominated. The motion was carried unanimously and the slate was declared elected by acclamation.

The business having been transacted, the Sixty-First Meeting of the Tennessee Academy of Science adjourned *sine die*.

NEW MEMBERS ELECTED AT CLARKSVILLE NOVEMBER 10, 1951, TENNESSEE ACADEMY OF SCIENCE

- Adams, Mrs. Gladys B., Biology Dept., Tenn. A. and I. State University, Nashville
- Allen, Mrs. Martha M., Biology Dept., Tenn. A. and I. State University, Nashville
- Baker, William K., Biology Div., ORNL, Oak Ridge, Tenn.
- Bradshaw, Charles L., 1403 McCullough Ave., Huntsville, Alabama
- Brewer, Benny, Box 4, Memphis State College, Memphis, Tenn.
- Brown, Floyd L., 602 Greenwood Avenue, Clarksville, Tenn.
- Brown, Dr. Mary J., Biology Dept., Bethel College, McKenzie, Tenn.
- Bunch, Noah A., P. O. Box 17, Auxvasse, Missouri
- Burch, Lucius E., Jr., 1006 Exchange Bldg., Memphis, Tenn. (Honorary 1951)
- Campbell, Glenn R., 127 Oakenwold Terrace, Staunton, Virginia
- Cole, Walter Earl, Box 914, Vanderbilt University, Nashville
- Cushing, Elliott M., Memphis General Depot, Memphis, Tenn.
- Davis, Robert M., 824 East Sprague St., Winston-Salem, North Carolina
- Dennis, Clifford J., Box 447, Middle Tenn. State College, Murfreesboro, Tenn.
- Estrada, Elizabeth A., Holy Names School, Keel & Woodlawn, Memphis, Tenn.
- Fennema, Helen, Baylor-Haven School, 1214 Jessie St., Jacksonville, Florida
- Galle, Fred C., Horticulture Dept., University of Tenn., Knoxville, Tenn.
- Garner, J. M., Jr., 208 Outer Drive, Oak Ridge, Tenn.
- Garrett, James A., Jr., Box 2633, Geo. Peabody College, Nashville 4, Tenn.
- Goins, William F., Jr., Sci. Ed. Dept., Tenn. A. and I. State University, Nashville 8, Tennessee
- Hill, David L., Physics Dept., Box 26, Vanderbilt University, Nashville, Tenn.
- Hull, George, Jr., Biology Dept., Tenn. A. and I. State University, Nashville 8
- Jones, Ernest A., Physics Dept., Box 24, Vanderbilt University, Nashville, Tenn.
- Lacy, Miss Margaret Graham, Math Dept., Austin Peay State College, Clarksville
- Lagemann, Robert T., Physics Dept., Box 223, Vanderbilt Univ., Nashville, Tenn.
- Leathers, C. M., Biology Dept., Tenn. A. and I. State University, Nashville 8
- McConnell, John C., Box 792, Peabody College, Nashville, Tenn.
- McCormick, Marion Y., 1595 Linden, Memphis 4, Tenn.
- McEachern, Harold V., Watertown, Tenn.
- Mann, Henry M., 546 Missouri Ave., Phoenix, Arizona
- Mapp, F. E., Biology Dept., Tenn. A. and I. State University, Nashville 8, Tenn.
- Maryland, Miss Catherine A., Sci. Educ. Dept., Tenn. A. and I. State University, Nashville 8
- Nease, Felton R., TVA Biologist, 515 W. Vanderbilt Dr., Oak Ridge, Tenn.
- Ogle, Mrs. James O., Jr., 504 McMillan Ave., Birmingham, Alabama
- Outland, Roderick H., 2304 West End, Nashville, Tenn.
- Paden, William L., Jr., Box 46, Peabody College for Teachers, Nashville 4
- Padfield, James H., Jr., Tenn. Game & Fish Comm., Franklands Bldg., Jackson, Tenn.

- Parsons, John W., Route 2, Crossville, Tenn.
 Patten, John A., Box 396, Middle Tenn. State College, Murfreesboro, Tenn.
 Rawls, Charles K., Jr., Box 584, Tiptonville, Tenn.
 Reed, Horace B., Jr., 2601 Chillicothe St., Knoxville 16, Tenn.
 Rice, Earl C., Box 492, Peabody College, Nashville, Tenn.
 Riser, Nathan W., Fisk University, Nashville 8, Tenn.
 Robbins, Donald, Box 503, Vanderbilt University, Nashville, Tenn.
 Rogers, Robt. W., 102 E. Hunter Circle, Apt. M., Oak Ridge, Tenn.
 Rouch, Lou Ellen, Bryan University, Dayton, Tenn.
 St. Amand, Georgia Sims, Biology Division ORNL, Oak Ridge, Tenn.
 Shanks, E. Bayliss, Vanderbilt University, Box 75, Nashville 4, Tenn.
 Shaw, John David, Apt. 91, Sutherland Village, Knoxville, Tenn.
 Sisk, Lone L., Chemistry Dept., Milligan College, Johnson City, Tenn.
 Smiddy, Joseph C., Box 104, Jonesville, Virginia
 Stobbe, Mrs. Martha H., Math Dept., Bethel College, McKenzie, Tenn.
 Thomas, Phillip M., Newnan High School, Newnan, Georgia
 Tipton, Mrs. Isabel H., Physics Dept., University of Tenn., Knoxville, Tenn.
 Tsao, George, Box 1194, George Peabody College, Nashville 4, Tenn.
 Underwood, Mrs. Bertha A., 415 Second Ave., Russellville, Alabama
 Vancel, Tilman, RFD 1, Tazewell, Tenn.
 Waddell, Henry T., University of Tennessee, Martin, Tenn.
 Walker, E. R., Maryville College, Maryville, Tenn.
 Walker, Solon M., 504 Longview Road, Apt. E., Knoxville, Tenn.
 Walker, Thomas J., Jr., RFD 3, Dyersburg, Tenn.
 Webb, Glenn R., Ohio, Illinois
 Williams, Lou, 3315 Windsor Court, Chattanooga, Tenn. (Honorary 1951)
 Whitaker, Dr. J. R., Geo. Peabody College for Teachers, Nashville 4, Tenn.
 Wilson, Leslie W., Atlanta Division, University of Georgia, Atlanta, Georgia
 Wood, H. K., Biology Dept., Tenn. A. and I. State University, Nashville 8, Tenn.
 Wood, Roy K., U. S. Fish & Wildlife Service, Glenn Bldg., Atlanta, Georgia

THE 1951 SCIENCE TALENT SEARCH

JAMES L. MAJOR

Clarksville High School, Clarksville, Tennessee

and

HANOR A. WEBB

George Peabody College for Teachers, Nashville, Tennessee

Last March a youthful high school senior, James J. Cowan III, left his home in Maryville, Tennessee, and journeyed to Washington, D. C. There he joined a group of forty, sought and selected from the high schools of the nation in the Tenth National Science Talent Search. This assembly in the Capitol was the climax of a most thorough testing of tens of thousands of high school seniors as to their information and alertness, and demonstrations of incipient research talent by well-presented science projects. The Search is administered by Science Clubs of America, and is financed by the Westinghouse Educational Foundation.

Only 300 seniors are given national recognition each year out of some 15,000 who enter the contest. The top forty of them make the trip to Washington—and young Cowan, taught by Mr. Noah Johnson in the Maryville High School, was the sole Tennessean among them in 1951.

James' science project concerned the flight of insects, which he observed under stroboscopic light. Each flash is but one fifty-thous-