

results could be reconciled. As to the findings of Miller he said that the preliminary results were in complete contradiction to the relativity theory as proposed by Einstein and if finally established they would mean the end of relativity in that form.

Professor Naguoka gave an account of his experiments on the transmutation of mercury into gold. He had used differences of potential of 200,000 and believed he had obtained particles of gold that were not in the mercury employed in his experiments as it had been 2-3 times distilled and subjected to careful chemical analysis. He expressed the desire that confirmation of his experiments be undertaken by other physicists.

SCIENTIFIC MEN AND THE DEFENSE OF MR. SCOPES

AN important part of the plans of the defense counsel in the case of State of Tennessee versus John T. Scopes, recently convicted of a violation of the Tennessee anti-evolution law, was the presentation of scientific evidence upholding the facts of evolution.

An attempt was made to obtain competent and well-known scientists in various branches to come to Dayton and testify in behalf of Mr. Scopes. Although the scientists were asked to serve without compensation other than their actual expenses, the response was gratifying. Due to the fact that the judge ruled that the scientists could not be placed upon the witness stand and that their testimony should only be submitted in written form for the consideration of the higher courts in the event of appeal, not all the scientists who would have been summoned in the event of direct testimony were asked to come to Dayton. Following is a list of those who actually came to Dayton: Dr. Charles H. Judd, University of Chicago; Professor William A. Kepner, University of Virginia; Dr. Jacob G. Lipman, director Agricultural Experiment Station, New Brunswick, N. J.; Dr. Fay-Cooper Cole, University of Chicago; Wilbur A. Nelson, state geologist, Nashville, Tenn.; Dr. Maynard M. Metcalf, Oberlin College and Johns Hopkins University; Dr. Winterton C. Curtis, University of Missouri; Dr. W. M. Goldsmith, Southwestern University, Winfield, Kans.; Dr. H. H. Newman, University of Chicago; Dr. Kirtley F. Mather, Harvard Geological Museum, Cambridge, Mass.; Dr. Frank Thone, Science Service; Watson Davis, Science Service.

Among those who had signified their willingness to come upon call of the defense counsel were: Dr. E. E. Reinke, Vanderbilt University, Nashville, Tenn.; Dr. Charles T. Oliver, McCormick Observatory, Charlottesville, Va.; Dr. Elmer Roberts, University of Illinois; Dr. Avery E. Lambert, University of Ala-

bama School of Medicine; Dr. Ellsworth Faris, University of Chicago; Dr. R. T. Chamberlin, University of Chicago; Dr. David White, National Research Council; Dr. Anton J. Carlson, University of Chicago; Professor Charles A. Shull, University of Chicago; Dr. Homer N. Calver, American Public Health Association; Professor W. N. Rice, Wesleyan University, Middletown, Conn.; Professor Edward L. Rice, Ohio Wesleyan, Delaware, Ohio; Professor W. J. MacNeal, New York Post-Graduate Medical School; Professor Arthur McQ. Miller, University of Kentucky; Professor L. F. Rettger, Yale University; Dr. Shailer Mathews, University of Chicago.

Although the legal counsel for the defense, which consisted of Clarence Darrow, Dudley Field Malone, Arthur Garfield Hays, John R. Neal, were not technically trained in science, they won the admiration and confidence of the scientists who worked with them and they deserve the thanks of those working in science for their interest in protecting the right to teach the facts of biology. Dr. G. W. Rappleyea, manager of the Cumberland Iron and Coal Co., who instigated the test case against Mr. Scopes, also won the friendship and respect of the scientific witnesses and he deserves credit for having inaugurated and carried through the anti-evolution test case at Dayton.

WATSON DAVIS

SCIENCE SERVICE,
WASHINGTON, D. C.

SCIENTIFIC NOTES AND NEWS

PROFESSOR W. M. DAVIS, emeritus professor of geology at Harvard University, and Dr. G. Holm, of the Geological Survey of Sweden, have been elected foreign members of the Geological Society, London. Dr. T. W. Vaughan, director of the Scripps Institution; Professor P. Lemoine, professor of geology in the National Museum of Natural History, Paris; Dr. V. Madsen, of the Royal Library, Copenhagen; Professor P. Niggli, professor of mineralogy and petrography in the University of Zurich; Professor J. F. Pompeckj, professor of geology in the University of Berlin, and Dr. M. D. Zalesky, Leningrad, have been elected foreign correspondents.

THE University of South Carolina has conferred upon William Chambers Coker, Kenan professor of botany in the University of North Carolina, the honorary degree of LL.D.

WE learn from *Nature* that at the meeting of the Royal Society of Edinburgh held on July 6, the Macdougall Brisbane Prize for the period 1922-1924 was presented by the president to Professor H. Stanley Allen, professor of natural philosophy in the Univer-