

# STARS EVOLVE TOO, SAYS HARVARD MAN

## Dr. Bok Thinks New Solar Systems Come From Dust Clouds—Speaks Here

New stars and solar systems are being formed in the universe today, Dr. Bart J. Bok, associate director of Harvard Observatory and professor of astronomy at Harvard University, said here last night.

These new bodies are formed by the compression of dust clouds and gases which are far more prevalent than was previously supposed, said the scientist.

Dr. Bok addressed a meeting of Barnard Astronomical Society in the Power Board auditorium on "The Birth of Stars and Planets" following a dinner at Hotel Patten in his honor attended by a group of members and leaders of the local society.

He and Dr. Fred L. Whipple, also professor of astronomy at Harvard, are considered the foremost leaders in the study of the cosmic dust clouds.

### Clouds Increase

"The surveys with our large, new telescope show many more small dust clouds in the universe than were hitherto suspected," Dr. Bok explained. "Dr. Whipple's theory shows one way in which, out of such dust clouds, solar systems such as our own may have been formed.

"If Dr. Whipple's theory is right it is likely that a great many other stars will have planets running around them just as our own sun has its family of planets of which the earth is one. This is shown by our study of dust clouds in the Milky Way."

Dr. Bok said that in Harvard Observatory's practical work in the study of dust clouds a survey is being made over the southern hemisphere.

He revealed that two special



**ASTRONOMERS**—Dr. Bart J. Bok, associate director of the Harvard Observatory, addresses a meeting of the Barnard Astronomical Society. Left to right are, seated, Dr. Bok and Arthur Jones, president of the society; standing, Dr. Karl Hujer of the University of Chattanooga and Clarence T. Jones, honorary president of the society.

—Times Staff Photo.

wide-angle telescopes are now being built by the observatory for use at Harvard's observatory in Bloemfontein, Orange Free State, South Africa. He said that he himself expects to go to South Africa in about two years in connection with the work.

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