



Wind northwest, sky clear, as Dr. Henry J. Franklin looks over the instruments atop the Cranberry Station prior to figuring the frost hazard.

## AVE ATQUE VALE

After forty-three years of exemplary devotion to duty, Dr. Henry J. Franklin, director of research on insect problems at The Cranberry Station, East Wareham, has retired in his seventieth year.

From the time of his appointment in 1909 to the present day, the life histories of twenty of the serious bog insects have been made known, and at least one satisfactory control measure has been found for each.

When heavy frost destroyed almost half the annual crop in 1917 and 1918, Entomologist Franklin bent the oars of meteorological study and developed a series of formulae for calculating during the day the minimum bog temperatures for the coming night. Now, in cooperation with the Cape Cod Cranberry Growers' Association and the U. S. Weather Bureau at Boston, frost hazards are figured daily at noon and in the evening in April, May, June, September, and October. Warning of dangerous frosts is telephoned and radioed to the cranberry growers.

The thoroughness of Dr. Franklin's study on the relation of weather to the size of crops and to the keeping quality of cranberries has made it possible to adjust the management of the bogs to produce a maximum of choice berries and a minimum of poor ones. Under Dr. Franklin, the cranberry crop has increased more than twofold, and is now the largest export crop of Massachusetts. In the past fifteen years, the staff at The Cranberry Station has likewise increased, rounding out the State's services to the cranberry industry.

As a living tribute to this grand old man of cranberry culture, the cranberry growers have constructed and furnished an office and study at The Cranberry Station. They are hopeful that he will not only enjoy using the study for his particular interest, the bumblebees, but that he will also remain available to them at the scene of his life's work.

God bless him with many happy years of retirement.

CHESTER E. CROSS

*Dr. Cross worked for many years as weed specialist under the direction of Dr. Franklin whom he succeeded on September 1, 1952.*