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WILLIAM BOWRING

and his associates demonstrated that "stage icing", which is half-icing, is sufficient. A shelf, or stage, is set across a bunker half way between the floor and ceiling, and is placed in the upper half only. This saving in ice has amounted to hundreds of thousands of dollars to the citrus growers. Subsequently, other improvements in refrigeration were worked out by Mr. Mann.

A native of Pittsburgh, Pennsylvania, Charles W. Mann was born January 4, 1879, son of William I. and Sarah Melinda (Lansing) Mann. He attended the University of Pittsburgh and graduated from Cornell University in 1906 with degree of B.S.A. Soon thereafter, he became associated with the Department of Agriculture as a soil scientist in the Bureau of Soils, remaining in this position for four years. He then was appointed assistant pomologist in the Bureau of Plant Industry, continuing thus from 1910 to 1914, when he was promoted to pomologist. It was in 1919 that he was made Pomologist in Charge of Fruit Transportation and Storage Investigation. He was assigned to Pomona in 1922 and was in the local office of the Department of Agriculture here until the end of his life, December 3, 1943.

In addition to conducting his official duties with such great efficiency, Mr. Mann had personal interests in the fruit industry, having acquired a grove in the San Dimas area, and nearby erecting an attractive home on a knoll overlooking the entire Valley.

Mr. Mann is survived by his widow, the former Caroline Judd, and three sons, Douglas L. who is in charge of the Sales Division of Standard Brands, Inc., in New York City, William I., the owner of the William I. Mann Company, of South Pasadena, manufacturers of precision optics; and Robert Edward.

Charles W. Mann was a Fellow of the A.A.A.S., a member of the American Pomological Society and Alpha Zeta fraternity.

### **William Bowring**

William Bowring was one of the outstanding pioneer citizens of the Charter Oak section of the Pomona Valley. Scion of a noted British family, he spent over fifty years in this country, practically all of it in developing his Terra Nova Ranch in Charter Oak, which under his direction was transformed from a wilderness of sage and cactus into one of the fine citrus groves of the area, upon which he erected his charming home.

Mr. Bowring was born in St. Johns, Newfoundland, December 23, 1863, and passed away in Charter Oak on October 2, 1939. He was a son of John and Mary Bowring. He was sent to England to be educated as a boy and attended Olivers Mount School in Scarborough, a Quaker institution of high standing. Following his course there, he served seven years of apprenticeship in marine engineering construction and draftsmanship. It was in 1888 that Mr. Bowring arrived in Los Angeles on a sightseeing trip. This was at the time of the great land boom in Southern California. His brother, Edward, had preceded him to

California, and it was from him that he purchased his first forty acres, which became known as the Terra Nova Ranch. He afterward purchased additional acreage and ultimately had about seventy-five acres of citrus in the Charter Oak area.

In addition to his activities in Charter Oak, Mr. Bowring had other interests. In 1890, he went to Alamo, Lower California, during the time of a gold boom in that district, and installed and operated machinery for a gold mine there. After that he served the Union Gas Engine Company, of San Francisco, as a draftsman for about three years, and while waiting for his orange groves to mature he would make trips back and forth, alternating periods of ranching and drafting.

Mr. Bowring was one of the founders of the San Dimas Orange Association and the San Dimas Lemon Association as well as having been connected with the San Dimas Fruit Exchange. Furthermore, he was a factor in the organization of the Southern California Fruit Exchange. For thirty-five years, he was president of the old Charter Oak Citrus Association.

Long interested in the vital subject of water, Mr. Bowring won an important law suit, *Bowring vs. Adams*, in which after nine years of litigation the courts decided that water rights were conveyed in the deed to the land, which decision was of extreme importance to the citrus growers of Southern California. For a number of years, Mr. Bowring served as manager, with very nominal pay, of the San Dimas Irrigation Company, and during this period the little community of San Dimas advanced to the position as the locale of maximum water development in the Southern California citrus belt, and the scene of the most advanced experimental development, no small part of which was the extension of domestic water service to nearly all of the country homes in the district.

During World War I, the Bowring home was the rendezvous for war workers, with festivals and entertainment given for the Red Cross. Mr. Bowring was always actively interested in the Boy Scouts, and many Scout mobilizations took place under the beautiful trees at his home place. He was chairman of District No. 5 of the San Gabriel Council of the Boy Scouts of America.

Taking everything into consideration, it is said that no other man in this community has left so positive and pleasing a picture of himself in the public mind in the line of necessary service well performed as has Mr. Bowring, and his many good deeds and work will long be remembered by all those who knew him in this part of the country.

Mrs. Bowring, the former Edith L. Allen, comes from a prominent family of England which has been notably identified in Altadena and other parts of Los Angeles County for the past half century. She survives her husband with a daughter, Winifred, the wife of Stuart A. Coulter. The Coulters have two children, William A. and Frederick B. Mr. Coulter is currently president of the San Dimas Water Company.