

In 1849 a small booklet in the Maori tongue was issued from St. John's College, apparently written by Cotton, with the title *Ko Nga Pi*. Bees seem to have been introduced by Miss Bumby, sister of the Rev. J. H. Bumby, of the Wesleyan Mission (D.N.Z.B., i, 120). Up till this time there had been only the indigenous bees that were not the kind to store honey in quantity.

In 1868 Chapman, the enterprising Auckland publisher, issued a little book—*How to Manage the Honey Bee in New Zealand*—and in 1881 Isaac Hopkins published at Thames his *New Zealand Bee Manual*. Hopkins was a force in the apiary world for many years, commencing in 1883 the *New Zealand and Australian Bee Journal*, the first of its kind.

For many years Mr. Earp's own book, *Beekeeping in New Zealand*, issued as a bulletin of the Department of Agriculture, has been the standard New Zealand work on its subject.

The exhibition of 1949 was able to include a number of sixteenth- and seventeenth-century editions of classical treatises, such as those of Aristotle, Varro, Columella and Vergil, the latter in the Leyden edition of 1517, with its delightful woodcuts. *The Feminine Monarchy* (1634) by Charles Butler has especial significance for its phonetic orthography. Butler was something of a philologist, and applied his ideas in this edition. An earlier one, that of 1623, is also in the library, but this was not the vehicle of his theories. A very curious part of his book is the bee song, a stave of musical notes arranged in triple time to represent the humming of bees at swarming. Butler was vicar of Laurence-Wotton and the author of *Rhetoricae Libri* (1629), an *English Grammar* (1633), and *The Principles of Musik in Singing and Setting* (1636).

Huber, a Swiss, was the first to observe and record the process of mating of the queen bee, which invariably occurs in lofty flight, and the first English edition of his book appeared in Edinburgh in 1806. To sweep across the years, perhaps the next most notable contribution to the subject was in 1938, when K. von Frisch presented his paper on *The Language of Bees* in the Smithsonian Report of that year.

Many popular works of course dealt with bees. We