

The following is a complete list of bulletins published by the Council, together with miscellaneous publications reprinted from various sources and issued by the Council :—

#### BULLETINS

- (1) "The Menace of Soil Erosion." (Out of print.)
- (2) "Tackling High Country Land at Molesworth." (Out of print.)
- (3) "From Forest to Farm Land." (Out of print.)
- (4) "First Steps in Soil Conservation."
- (5) "Down to the Sea in Slips."
- (6) "Willows and Poplars for Conservation and River Works."
- (7) "Fire—Public Enemy No. 1." (Out of print.)

#### MISCELLANEOUS PUBLICATIONS

- (1) "Soil Erosion in New Zealand," by K. B. Cumberland. (Out of print.)
- (2) "Soil Erosion," by J. E. Bell and D. A. Campbell. (Out of print.)
- (3) "Channel Improvements in Alluvial Streams," by A. P. Grant. (Reprint *Proceedings New Zealand Institution of Civil Engineers*, 1948.)
- (4) "Soil Conservation Studies Applied to Farming in Hawke's Bay, Parts I—III," by D. A. Campbell. (Reprint *New Zealand Journal of Science and Technology*, 1945 and 1946.)
- (5) "Soil Conservation in New Zealand—Policy and Progress," by W. L. Newnham. (Reprint *New Zealand Science Review*, 1948.)
- (6) "Extreme Flood Discharges," by E. C. Schnackenberg. (Reprint *Proceedings New Zealand Institution of Civil Engineers*, 1949.)
- (7) "Operation of Tower Excavator, Otaki River," by A. R. Acheson. (Reprint *Proceedings New Zealand Institution of Civil Engineers*, 1949.)
- (8) "Preliminary Aerial Distribution Trials with Superphosphate and Seed Mixtures," by D. A. Campbell. (Reprint *New Zealand Journal of Science and Technology*, 1948.)
- (9) "Aerial Top-dressing in New Zealand," by D. A. Campbell. (Reprint *New Zealand Science Review*, 1949.)

*In print :—*

- (10) "Estimation of Extreme Flood Discharges by Statistical Methods," by A. D. Benham. (Reprint *Proceedings New Zealand Institution of Civil Engineers*, 1950.)
- (11) "Soil Conservation in New Zealand," by A. P. Grant. (Reprint *Proceedings New Zealand Institution of Civil Engineers*, 1950.)
- (12) "Development in Aerial Top-dressing, 1949," by D. A. Campbell. (Reprint *New Zealand Journal of Science and Technology*, 1950.)

#### AERIAL TOP-DRESSING

Following on the successful preliminary distribution trials of the previous year, the Council arranged with the R.N.Z.A.F. and a local committee to evaluate the cost and examine the practicability of an aerial top-dressing service in a 1,000-acre trial in the Wairarapa. From the many applicants ten properties were selected to cover variations in soil type, pastures, terrain, and distance from the Masterton Aerodrome, and on each of these 100 acres was top-dressed, the farmer paying for the fertilizer and the Council for the cost of distribution. The R.N.Z.A.F. provided a flight of three Grumman Avenger aircraft each fitted with a 1-ton hopper, and a mobile radio-equipped ground party.