

Otago. The north-eastern part of the Taieri was also mapped in 1860 on block plans 1-3, *S.O.P.*'s 427-8 and 436, Dunedin-East Taieri S.D., while the topographical sketch, *S.O.P.* 424 (1859), shows bush but not the Taieri swamp. Bordering the western edge of the Upper Taieri are the fifteen blocks of Maungatua S.D., *S.O.P.*'s 1072-98, compiled, blocks 1-8 from 1861 to 1863, 9-11 in 1867, and 12-15 in 1876. The distribution of both bush and swamp is recorded, and its location is confirmed on the topographical sketch, *S.O.P.* 1069 (1860). Further south, Waipori Bush in Waipori S.D. is mapped on the topographical sketch, *S.O.P.* 1908 (1863). The block series was not undertaken until the 1880s and 1890's, and in any case does not indicate bush. Southwards from Dunedin are the eleven blocks of Clarendon S.D., *S.O.P.*'s 316-28, compiled during 1860-1868, apart from block 11, in 1880. Both bush and swamp are shown, and confirmed on the topographical sketch, *S.O.P.* 313 (1860). South of Clarendon are the five blocks of Otokia S.D., *S.O.P.*'s 1370-75, compiled in 1860-1861. Bush and swamp are recorded, except for the coastal section, which falls within Waiholā S.D., and is not mapped in this series. However, the whole area is covered in the topographical sketch, *S.O.P.* 1368 (1860).

#### *Area VI: Lower Taieri-Tokomairi-Clutha*

A large number of early Kettle maps are available. Bush on the Tokomairi Plain is mapped on *S.O.P.*'s 80, 82, 83 and 85, while *S.O.P.* 45 covers Coast, Tuakitoto and Inch Clutha, as well as the Tokomairi, areas. Distribution of bush in the Clutha and South Molyneux districts is mapped on *S.O.P.* 50; North Clutha on *S.O.P.* 47; and the West Clutha district, including Popotuna Bush, on *S.O.P.* 44. All these maps were compiled by contract surveyors at a scale of twenty chains to one inch. Although scarcely any swamp is recorded one may safely infer, from contemporary reports, and the evidence of present-day topographical maps, the presence of the Otanomomo swamp south of the Koau branch of the Clutha River. The rest of the area is covered by later block plans and topographical sketches. Block plans of Waitahuna West S.D. were drawn, blocks 1-5, *S.O.P.*'s 1958-62, in 1862-1865, and blocks 6-10, *S.O.P.*'s 1966-78 in 1875-1881. Patches of vegetation on blocks 6 and 7 are marked "manuka scrub", but on the rest of the map only the general bush symbol is given. Small patches of bush are marked on the topographical sketch of Waitahuna East S.D., *S.O.P.* 1934 (1862), but no vegetation is recorded on the eleven block plans, *S.O.P.*'s 1936-55, compiled between 1865 and 1875. Pomahaka S.D., divided into fifteen blocks, *S.O.P.*'s 1405-19, dated between 1862 and 1864, contains indications of bush and swamp, although the swamp is not shown on the topographical sketch, *S.O.P.* 1403 (1862). Eleven block plans cover Table Hill S.D., *S.O.P.*'s 1626-40, drawn at various times between 1861 and 1879. However, the topographical sketch, *S.O.P.* 1624 (1861), although it confirms the amount and shape of bush as recorded on the block plans, plots their location inaccurately. The nine block plans for Akatore S.D., *S.O.P.*'s 108-15, all showing bush and swamp, were compiled from 1862 to 1868. The topographical sketch, *S.O.P.* 104 (1860), confirms the distribution of vegetation. Bush and swamp in Hillend S.D. are mapped on *S.O.P.*'s 650-69, dated between 1861 and 1875, and confirmed on the topographical sketch, *S.O.P.* 648 (1861). Kaitangata S.D.'s nine block plans, *S.O.P.*'s 686-94 (1863-1868), show both types of vegetation, as does the topographical sketch, *S.O.P.* 683 (1860), which also maps Coast S.D., not otherwise available. The location of vegetation along the southern margins of the mapped area is from the topographical sketches of Glenomaru S.D., *S.O.P.* 514 (1862), and Warepa S.D., *S.O.P.* 1996 (1861), only the northern portions of which are of concern to this paper.