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"A SURVEY OF CERTAIN ASPECTS OF THE SHEEP-MILKING INDUSTRY IN THE  
WAIKATO, 1945/46"

Being a Thesis presented by "547" in partial fulfilment of the requirements  
of the B. Ag. Sc. Degree.

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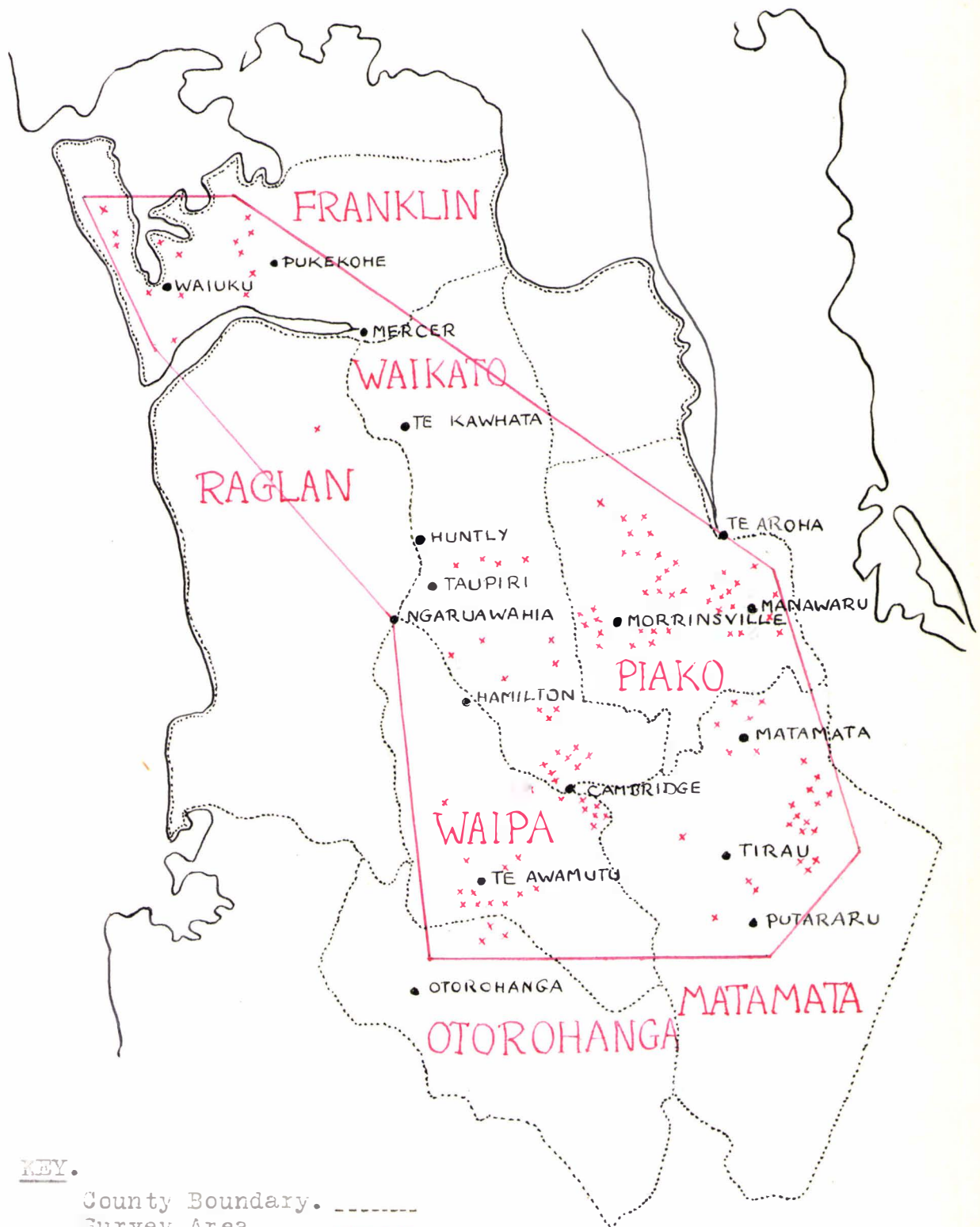
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<u>Appendices.</u>	I	The Survey Schedules.
	II	The Share-milking Agreements Order of 1944 and 1946.
	III	Summary of Working Data.
	IV	An estimate of the Farm-owner's and the Share-milker's management charge against the farm.
	V	Examples of statistical methods used.

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Map No. 1

LOCALITY OF THE FARMS UNDER SURVEY



KEY.

- County Boundary. -----
- Survey Area. —————
- Towns. ●
- Farms Surveyed. x

TABLE OF SYMBOLS USED IN THE STATISTICAL SUMMARIES

The symbols used in depicting the results of statistical analyses are principally those used by Snedecor (7). They are as follows:-

<u>Symbol</u>	<u>Description</u>
X	Every item successively.
SX	"Summation X".
N	Total number of items.
n	Number of items in each class or group (Sn equals N)
$\bar{x}$	The arithmetical mean.
s	Standard Deviation.
x	Deviation of an item from the class mean.
$s/\bar{x}$	Coefficient of Variation.
$\bar{s}_x$	Standard error of the mean.
$s_s$	Standard error of the standard deviation.
t	Student's (t) test of significance of mean difference.
$s_t$	Standard error of "t".
r	Total correlation or product moment correlation.
F	Fisher's "F" test of the differences among group means.
SS	Sum of the squares.
MS	Mean square or variance.
Sign,	
NS	Not significant at the 5% level.
S	Significant at or above the 5% level.
HS	Significant at or above the 1% level.
df	Degrees of freedom.
C	Correction factor $\left( \frac{(SX)^2}{n} \right)$
B, C, D.M.	Butter, Cheese, Dried Milk factory supplying farms respectively.
1/4, 1/3, 1/2.	Farms on which the type of share milking contract in operation is commonly known as Quarter-Share, Third-Share and Half-Share respectively.