# SOUTHERN PROVINCES

# ALMANAC

DIRECTORY AND YEAR-BOOK



BEING BISSEXTILE OR LEAP YEAR

FIFTEENTH YEAR OF PUBLICATION.

CHRISTCHURCH:

WARD AND REEVES, PRINTERS, GLOUCESTER STREET AND CATHEDRAL SQUARE.

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NOTE.

0 -During the passage of the sheets through the Press changes have taken place involving the following Corrections:—

Page 45, heading Phovincial Council, line 2, read Ashburton, W. S. Peter (instead of W. C. Walker). Mr. Sheath has resigned his seat for Mount Cook, but at the time of our going to press a fresh election had not taken place.

Page 47, heading Executive Council, insert Hon. J. Hyde Harris, Solicitor-General. Page 13, Stand Duties. The information here given will be slightly affected by the "Stamp Duties Amendment Act," which came into operation on November 1, 1867.

Page 83, WATERMAN'S REGULATIONS. Insert the following immediately before paragraph 10:—"Double the above fares may be charged to vessels lying off or to the eastward of Officer's Point when an easterly sea is on, provided the boat is manned by two hands." "During stormy weather, of which notice will be given by hoisting a blue flag half-mast at the Harbour Master's Office, four shillings each passenger may be charged to and from the steamers, provided the boat is manned by two hands."

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is three hours earlier than at Nelson, High Water at Nelson at 9.60, and at

which to find approximately the times of High Water in the Harbours of Nelson, Lyttelton and Port Chalmers, from the Age of the Moon.

HIGH WATER

TABLE

for the afternoon of each day.

CHALMER

PORT

LXTTELTON.

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H

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## ECLIPSES IN 1868.

DURING this year there will be two Eclipses of the Sun and a Transit of Mercury over the Sun's disc.

L.-An annular Eclipse of the Sun, invisible both in England and New Zealand. The following are reduced to mean time at Lyttelton :-

Begins on the earth generally-

February 23, 10h. 48m. p.m., in longitude 78 deg. 8 min. west; latitude 12 deg. 54 min. south.

Central eclipse begins generally-

February 23, 11h. 55m. p.m., in longitude 94 deg. 40 min. west; latitude 11 deg. 26 min. south.

Central eclipse begins at noon-

February 24, 1h. 54m. a.m., in longitude 32 deg. 29 min. west; latitude 5 deg. 46 min. south.

Central eclipse ends generally-

February 24, 3h. 49m. a.m., in longitude 25 deg. 20 min. east; latitude 19 deg. 26 min. north.

Ends on the earth generally-

February 24, 4h. 56m. a.m., in longitude 8 deg. 48 min. east; latitude 17 deg. 59 min. north.

II .- A total Eclipse of the Sun, invisible both in England and New Zealand. The following are reduced to mean time at Lyttelton :-

Begins on the earth generally-

August 18, 2h. 5m. p.m., in longitude 49 deg. 25 min. east; latitude 12 deg. 6 min. north.

Central eclipse begins generally-

August 18, 2h. p.m., in longitude 35 deg. 55 min. east; latitude 11 deg. 13 min. north.

Central eclipse at noon-

August 18, 4h. 44m. p.m., in longitude 102 deg. 38 min. east; latitude 10 deg. 27 min. north.

Central eclipse ends generally-

August 18, 6h. 25m. p.m., in longitude 163 deg. 27 min. east; latitude 16 deg. 15 min. south.

Ends on the earth generally-

August 18, 7h. 20m. p.m., in longitude 149 deg. 59 min. east; latitude 15 deg. 23 min. south.

III .- A Transit of Mercury over the Sun's disc, partly visible in England. The following are reduced to mean time at Lyttelton :-

With reference to the centre of the earth-

External contact at ingress			November 5, 4h. 55m. p.m
Least distance of centres, 12 min. 15 sec.		-	November 5, 6h. 44m. p.m
External contact at egress	1 50		November 5, 9h. 33m. p.m

## PRINCIPAL ARTICLES OF THE CALENDAR FOR THE YEAR 1868.

Golden Number	120			7	Dominical Letters		2		ED
Epact -	-	*	= 340		Roman Indiction	(40)	-	(*)	11
Solar Cycle -	(42)			1	Julian Period			200	6581

## FIXED AND MOVEABLE FESTIVALS, ANNIVERSARIES, &c., &c.

Epiphany	Jan. 6	Ascension Day-Holy Thursday	May	21
Septuagesima Sunday	Feb. 9	Birth of Queen Victoria -	22	24
Quinquagesima-Shrove Sunday -	,, 23	Pentecost-Whit Sunday -	- 22	31
Ash Wednesday	., 26		June	7
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Palm Sunday	April 5	St. Michael-Michaelmas Day -	Sept.	29
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St. George	99		Dec.	21
Rogation Sunday	May 17	Christmas Day -	,	25

The year 5629 of the Jewish Era commences September 17, 1868.

Ramadan (Month of Abstinence observed by the Turks) commences December 16, 1868.

The year 1285 of the Mahommedan Bra commences on April 24, 1868.

#### MEMORANDA.

All the articles of the Ephemeris have been reduced from the "Nautical Almanac" for 1868, to the Meridian of Lyttelton.

The time given is in every case Civil Time: twelve hours before noon and twelve hours after noon constituting the day.

The Phases of the Moon are calculated to the nearest minute of mean time.

The Sun's Declination is the angular distance of the Sun from the Equator, north or south, as indicated at apparent noon on each day.

The column of Equation of Time shows the minutes and seconds of difference between apparent and mean time on each day. When the sign + is prefixed, this difference must be added to apparent time to find mean time, and subtracted from mean time to find apparent time. When the sign - is prefixed, the converse operations respectively are necessary.

The Moon's Meridian Passage and Sunrise and Sunset are given in mean time, being the time which ought to be shown by the clock at each occurrence. The apparent time of these phenomena will be discovered by applying the column of Equation of Time as above indicated.

The Custom-house, Lyttelton, to which all calculations are referred herein, stands as follows:-Longitude, 172 deg. 44 min. 17 sec. E.; latitude, 43 deg. 36 min. 42 sec. S.

#### JANUARY-XXXI DAYS.

## PHASES OF THE MOON.

First Quarter Full Moon	: :	D. H. M. 3 8 33 p.m. 10 10 23 a.m. Perigee, 10d. 1h. p.m.	Last Quarter New Moon . Apogee, 24d. 6h. a.m.	:	*		и. м. 4 34 а 6 49 а	
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			SUN'S AP-	EQUATION OF TIME.	r's AGE. NOON.	MOON'S MERIDIAN	MEAN	TIME CTED.	rs.
1	AYS.	REMARKABLE DAYS.	CLINATION.	ADD TO APPARENT TIME.	MOON'S	Mean Time.	Sun Rises.	Sun Sets.	DAYS.
11 22 33 44 55 66 77 78 99 100 111 113 144 156 177 188 199 20 21 22 22 23 24 25 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	F Sat S M T W Th F Sat S M T W Th F Sat S M T W Th F Sat S S M T W Th F Sat S S S S S S S S S S S S S S S S S S	Circumcision Capture of Calcutta, 1757  All Eng. Eleven beat Victorians, 1864 Epiphany.  Nelson buried, 1806 Penny Postage established, 1840 Hilary term begins First Sunday after Epiphany. First convicts, Botany Bay  Battle of Corunna  Earthquake at Sydney Second Sunday after Epiphany. John Howard died  Wellington Provincial Anniversary Duke of Kent died, 1820 Princess Royal married Third Sunday after Epiphany. Governor Hobson arrived, 1840	823 5 5 5 23 0 7 722 54 43 22 49 17 22 43 5 5 22 36 11 22 29 9 22 22 6 22 13 58 37 21 47 31 21 7 6 6 21 6 16 6 20 55 21 20 43 19 20 31 10 20 18 35 20 5 44 19 52 29 19 38 54 19 24 55 19 10 34 18 55 55 18 40 53	M. S. 3 22.73 3 51.11 4 19.60 4 47.70 5 14.97 6 41.61 6 8.63 6 34.12 6 508.63 6 12.59 8 36.03 8 58.86 9 20.55 9 42.04 10 2.87 10 42.07 11 0.85 11 18.04 11 36.01 11 52.13 12 7.38 12 22.83 12 36.48 12 49.77	D. 6 77 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 0 1 1 2	Mean Time.  H. M. 4 37p.m. 5 21 6 6 6 6 54 7 44 8 38 9 35 10 36 11 39 0 41 a.m. 1 42 2 40 3 34 4 25 5 15 6 2 6 49 7 36 8 23 9 10 9 50 10 45 11 32 0 19 p.m. 1 6 1 50	II. M. 4 29 4 30 4 31 4 32 4 33 4 34 4 35 4 36 4 4 41 4 42 4 43 4 4 45 4 47 4 49 4 51 4 52 4 55	-	1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20
28 29 30 31	W	Auckland Provincial Anniversary King Charles I. beheaded Hilary term ends	18 25 9 18 9 38 17 53 42 17 37 21	13 2·24 13 13·93 13 24·78 13 34·78	3 4 5 6	2 34 3 18 4 3 4 49	4 59 5 0 5 1 5 3	7 27 7 26 7 25 7 23	28 29 30 31

#### PHENOMENA FOR THE MONTH.

JANUARY.—2nd, 10h. 47m. a.m., Uranus in opposition with the Sun; 2nd, 5h. 38m. p.m., Mars in conjunction with the Sun; 3rd, 3h. 41m. p.m., Sun in Perigee; 6th, 7h. 26m. p.m., Venus greatest heliocentric latitude south; 8th, 1h. 7m. a.m., Mercury in Aphelion; 9th, 9h. 44m. p.m., Uranus in conjunction with the Moon—Uranus 4 deg. 36 min. north; 18th, 9h. am., Mercury in conjunction with Mars—Mercury 0 deg. 55 min. south; 20th, 2h. 66m. a.m., Saturn in conjunction with the Moon—Saturn 3 deg. 19 min. south; 24th, 1h. 21m. p.m., Mercury in superior conjunction with the Sun; 24th, 8h. 38m. p.m., Mars in conjunction with the Moon—Mars 4 deg. 9 min south; 25th, 10h. 44m. a.m., Mercury in conjunction with the Moon—Venus 1 deg. 22 min. south; 28th, 8h. 9m. a.m., Jupiter in conjunction with the Moon—Jupiter 0 deg. 35 min. south; 28th, 11h. 4m. a.m., Mercury greatest heliocentric south; 31st, 8h. 35m. a.m., Venus in conjunction with Jupiter—Venus. 0 deg. 23 min south. conjunction with Jupiter-Venus, 0 deg. 23 min south.

#### FARMING OPERATIONS.

Finish haymaking and stacking; hoe and mould up potatoes; finish hoeing and thinning all the root crops. Be careful that all furrows and drains are open, that the root-covered land may be quickly relieved of any water that may fall; dry, well-cultivated lands do not suffer from drought so much as those which have been previously water-sodden. Keep the plough going in breaking up unimproved

#### FERRUARY-XXIX DAYS.

#### PHASES OF THE MOON.

First Quarter Full Moon .	D. H. M. 2 5 46 a.m. 8 9 6 p.m.	Last Quarter New Moon . Apogee, 20d. 2h. p.m.		р. н. м. 15 8 47 р.т. 24 1 51 а.т.
	Perigee, 8d. 2h, a.m.	Apogee, zou. zu. p.m.		

		SUN'S AP-	EQUATION OF TIME.	NOON.	MOON'S MERIDIAN	MEAN		DAYS.
DAYS.	REMARKABLE DAYS.	PARENT DE- CLINATION.	ADD TO APPARENT TIME.	MOON'S	Meantime.	Sun Rises.	Sun Sets.	DA
1 Sa 2 S 3 M 4 T 7 E 8 Sa 9 S 10 M 111 T 12 W 13 T 14 E 16 S 16 S 17 M 11 T 19 W 20 T 21 E 22 Sa 24 M 25 T 26 V 27 T 28 S 28 S 29 S 20 S 21 S 22 S 23 S 24 S 25 S 26 S 27 S 28 S 28 S 28 S 28 S 28 S 28 S 28 S 28	Fourth Sunday after Epiphany.  [1860] Congress of Confederate States met Treaty of Waitangi, 1840 Victoria Cross instituted All Eng. Eleven arr. in Chch., 1864 Peter the Great died, 1725 Septuagesima Sunday. Queen Victoria married Gold discovered in N.S.W., 1851 Captain Cook killed, 1799 National debt Gt. Britain com., 1690 Sexagesima Sunday.  Hobarton founded, 1804 Surveyors obstructed at Taranaki, 1860 Quinquagesima Sunday. Shrove Sunday Buonaparte left Elba, 1815 Ash Wednesday. British Bank trials, 1858 First sittings of Supreme Court as	16 29 15 16 10 52 15 52 41 15 34 23 15 15 43 14 57 0 14 37 37 14 18 12 13 38 41 13 18 34 12 58 16 12 37 42 12 16 56 11 56 4 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 4 5 11 13 13 4 11 13 4 5 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 4 11 13 13 13 13 11 13 13 13 13 13 11 13 13 13 13 13 11 13 13 13 13 13 13 11 13 13 13 13 13 13 13 11 13 13 13 13 13 13 13 13 13 13 13 13 1	M. 8. 13 43:97 13 51:08 13 59:24 14 5:85 14 11:18 14 16:07 14 20:33 14 23:64 14 26:16 14 27:94 14 28:31 14 28:31 14 28:31 14 28:19 14 21:77 14 18:36 14 14:03 14 9:07 14 3:66 13 57:09 13 50:33 13 42:49 13 34:98 13 25:91 13 18:75 13 6:05 12 56:19 12 44:83	7 8 9 10 11 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 0 1 2 3 3 4 5 5	H. M. 5 36p.m. 6 26 7 20 8 17 9 18 10 19 11 21 0 20a.m. 1 19 2 15 3 5 3 55 4 43 5 31 6 20 7 8 7 55 8 43 9 30 10 17 11 3 11 48 0 33 1 18 2 2 2 48 3 34 4 23	H. M. 5 4 5 6 6 6 7 5 10 5 10 5 13 5 14 5 15 5 18 5 19 5 22 5 23 5 24 5 32 5 34 5 35 35 45 5 35 35 45 5 35 35 5 45 5 35 35 5 45 5 35 35 5 45 5 35 5 35 5 45 5 35 5 5 35 5 5 35 5 5 35 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	H. M. 7 222 7 211 7 199 7 188 7 7 10 7 19 7 15 7 14 7 10 7 7 10 7 7 10 7 7 10 6 59 7 6 6 54 6 6 50 6 49 6 45 6 6 45 6 45 6 45 6 45 6 45 6	1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

PHENOMENA FOR THE MONTH.

FEBRUARY.-6th, 7h. 7m. a.m., Uranus in conjunction with the Moon-Uranus 4 deg. 43 min. north; 16th, 10h. 56m. a.m., Mercury in ascending node; 16th, 1h. 8m. p.m., Saturn in conjunction with the Moon-Saturn 3 deg. 22 min. south; 18th, 5h. 12m. a.m., Mercury in conjunction with Jupiter-Mercury 1 deg. 33 min. north; 21st, 0h. 44m. a.m., Mercury in Periheir, 21st, 9h. 12m. p.m., Mercury at greatest elongation, 18 deg. 5 min. east; 23rd, 1h. 11m. a.m., Mars in conjunction with the Moon—Mars 2 deg. 25 min. south; 23rd, Sun eclipsed, invisible in New Zealand; 25th, 2h. 27m. a.m., Jupiter in conjunction with the Moon—Jupiter 0 deg. 3 min north; 25th, 4h. Im. a.m., Saturn in quadrature with the Sun; 25th, 11h. 27m. a.m., Mercury in conjunction with the Moon—Mercury 4 deg. 0 min north; 27th, 3h. 46m. a.m., Venus in conjunction with the Moon—Venus 3 deg. 11 min. north; 28th, 2h. 23m. a.m., Mercury stationary.

FARMING OPERATIONS.

Have everything in good order, ready for the work of harvest. Carts, harness, forks, materials for Have everything in good order, ready for the work of narvest. Carts, narness, forks, matchais for stack bottoms, some wheat-straw ready to cover up stacks in rainy weather, if you have no cloths. Harvest time is not the opulent farmer's threshing time. Cut wheat for every purpose before it is dead ripe, also oats and peas; but barley requires to stand till fully ripe, if the best malt is to be produced. Beans must be taken up early as respects ripeness. Be careful in preserving the stacks of all kinds from injury by weather; build them neatly and thatch them well.

#### MARCH-XXXI, DAYS.

### PHASES OF THE MOON.

First Quarter Full Moon	. :		2	4	M. 19 p.m. 53 a.m.	Last Quarter New Moon . First Quarter	:	16 24	6	M. 59 p. 30 p. 56 p.	m.
		Doni	700	73	11h am	Anogoe 19d Sh am					

DAYS.		REMARKABLE DAYS.			'S AGE NOON	MOON'S MERIDIAN PASSAGE.	MEAN TIME CORRECTED.		DAYS.
DA	xs.	REMARKABLE DAIS.	CLINATION,	ADD TO APPARENT TIME.	MOON'S AT NC	Meantime.	Sun Rises.	Sun Sets.	DA
		day-First Sundag in Lent.	0 / 1/	M. 8.		н. м.	н. м.	\$100 miles	
1	S	St. David's Day. Quadragesima Sun-	s 7 32 8	12 33.44	6	5 14p.m.		6 41	1
2	M	Emperor Nicholas died, 1855	7 9 3	12 21.04	7	6 9	5 47	6 39	2
3	T		6 46 17	12 8.58	8	7 6	5 48	6 38	3
4	W	Britannia Bridge opened, 1850	6 23 16	11 55.64	9	8 4	5 49	6 36	4
5	Th		6 0 6	11 41.35	10	9 4	5 50	6 34	5
6	F		5 36 51	11 28.02	11	10 3	5 51	6 33	6
7	Sat	France dec. war against Spain, 1793	5 13 37	11 12.82	12	11 0	5 52	6 31	7
8	S	Second Sunday in Lent.	4 50 19	10 58-22	13	11 56	5 53	6 30	8
9	M	Siege of Lucknow, 1858	4 26 52	10 43.25	14		5 54	6 28	9
10	T	Korararika destroyed, 1845	4 3 22	10 27.44	15	0 49 a.m.	5 56	6 27	10
11	W	The second second	3 39 53	10 11.32	16	1 42	5 57	6 25	11
12	Th	Anglo-Franco-Turkish Treaty, 1854	3 16 18	9 54.91	17	2 32	5 59	6 23	12
13	F		2 52 40	9 38 68	18	3 22	6 0	6 21	13
14	Sat		2 29 4	9 21.75	19	4 11	6 1	6 19	14
15	S	Third Sunday in Lent.	2 5 24	9 4.60	20	5 0	6 2	6 17	16
16	M	Duchess of Kent died, 1861	1 41 42	8 47 25	21	5 49	6 3	6 15	16
17	T	St. Patrick's Day.	1 18 1	8 30.17	22	6 37	6 4	6 13	17
18	W	Princess Louisa born, 1848	0 54 18	8 12.47	23	7 25	6 5	6 11	18
19	Th	and the second second	0 30 27	7 54 17	24	8 12	6 6	6 9	18
20	F	Duc D'Enghien shot, 1804	0 7 14	7 36.64	25	8 59	6 7	6 7	20
21	Sat	Southey died, 1843	N 0 16 45	7 18 54	26	9 44	6 8	6 5	21
22	S	Fourth Sunday in Lent.	0 40 25	7 0.35	27	10 29	6 9	6 3	22
23	M		1 4 5	6 42.09	28	11 14	6 10	6 1	28
24	T.		1 27 41	6 23.78	0	11 59	6 12	6 0	24
25	W	Annunciation. Lady Day.	1 51 16	6 5.42	1	0 45 p.m.		5 58	25
26	Th	[Taranaki		5 47 04	2	1 32	6 14	5 57	26
27	E	Ford, Passmore, Shaw, murdered at		5 28:65	3	2 20	6 15	5 56	27
28	Sat	War declared with Russia, 1854	3 1 44	5 10.29	4	3 11	6 16	5 54	28
29	S	Fifth Sunday in Lent.	3 25 7	4 51.94	5	4 5	6 17	5 52	28
30	M		3 48 26	4 33 63	6	5 1	6 18	5 50	30
31	T	Taranaki and Southland Anniversary	4 11 40	4 15.39	7	5 57	6 19	5 48	3

PHENOMENA FOR THE MONTH.

MARCH—2nd, 8h. 36m. a.m., Mercury greatest heliocentric latitude north; 3rd, 2h. 10m. a.m., Venus in ascending node; 3rd, 11h. 31m. a.m., Mars greatest heliocentric latitude south; 4th, 2h. 44m. p.m., Uranus in conjunction with the Moon—Uranus 4 deg. 46 min. north; 5th, 4h. 50m. p.m., Mercury in conjunction with Jupiter—Mercury 5 deg. 6 min. north; 8th, 9h. 52m. p.m., Mercury in inferior conjunction with the Sun; 14th, 10h. 35m. p.m., Saturn in conjunction with the Sun; 14th, 3h. 40m. am., Jupiter in conjunction with the Sun; 14th, 10h. 35m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 16 min. south; 15th, 0h. 6m. p.m., Saturn stationary; 17th, 6h. 31m. a.m., Uranus stationary; 17th, 3h. 43m. p.m., Mercury in conjunction with Mars—Mercury 3 deg. 21 min. north; 20th, 7h. 14m. p.m., Sun enters Aries; 21st, 7h. 43m. p.m., Mercury stationary; 22nd, 7h. 11m. p.m., Mercury in conjunction with the Moon—Mercury 1 deg. 13 min. north; 23rd, 4h. 39m. a.m., Mars in conjunction with the Moon—Mercury 1 deg. 16 min. south; 23rd, 10h. p.m., Jupiter in conjunction with the Moon—Jupiter 0 deg. 39 min. north; 25th, 8h. 9m. p.m., Mercury in descending node; 27th, 8h. 24m. a.m., Mars in Perhelion; 28th, 1h. 26m. a.m., Venus in conjunction with the Moon—Uranus 4 deg. 39 min. north.

FARMING OPERATIONS.

Sow tares (vetches)—the winter variety, for it always produces half as much again as the Spring seed—two-and-a-half bushels of tares and half a bushel of wheat or oats per acre. If land is to be laid down for permanent pasture, be careful that it has been thoroughly tilled, and has a fine tilth earth to receive the seed. For seed, about a bushel of perennial rye-grass, three or four pounds of white clover, and one or two pounds of cow-grass will produce a plant for a year or two; but for permanence and the fully planting of the land several varieties of the true grasses will be required, comprising some of the poas, fescues, &c.

#### APRIL-XXX DAYS.

#### PHASES OF THE MOON.

Full Moon . Last Quarter		D. H. M. 7 6 47 p.m. 15 10 5 a.m.	New Moon First Quarter		23	7	a.m.

Perigee, 4d. 3h. a.m. Apogee, 16d. 3h. a.m. Perigee, 29d. 2h. p.m.

DAYS.		BBMARKABLE EVENTS.			OF					MEAN TIME CORRECTED.		
			CLINATI		SUBT	RENT	MOON'S AG	Mean Time.	Sun	Sun Sets.	DAXS.	
			0 /	11.	M.	S.	D.	н. м.	H.M			
1	W	All Fool's Day	The second second	49	3	57.23	8	6 54p.m.	6 21		1	
2	Th	Battle of the Baltic		54	3	39.16	9	7 52	6 25		2	
3	F	Quarterly Licensing Meeting		53	3	21.21	10	8 48	6 24		3	
4	Sat	Oliver Goldsmith died, 1774		48	3	3.39	11	9 43	6 28		4	
5	S	Palm Sunday.		33	2	45-29	12	10 37	6 20		5 6	
6	M	Storming of Badajos, 1812	6 29	8	2	27·82 10·57	13	11 28	6 23		7	
7	T	G . C		51 19	2	53.54	14	0 19 a.m.			8	
8	W	Great Ganges Canal opened, 1864		38	1	36:31	16	1 10	6 3		9	
9	Th	Good Friday.		50	1	19.82	17	2 0	6 35		10	
11	Sat	Peace of Utrecht, 1713		55	1	3.62	18	2 50	6 33		11	
12	S	Easter Sunday.		52	ō	47.23	19	3 40	6 3		12	
13	M	Sir G. C. Lewis died, 1863		38	ŏ	31.67	20	4 29	6 3		13	
14	T	on d. C. Lewis died, 1000		17	0	16:46	21	5 18	6 30		14	
15	w	Fort Sumpter taken, 1861 [1865		46	+0	1.37	22	6 6	6 3		15	
16	Th	First encuppit. of Volunteers in Cantby.		2	-0	13.11	23	6 53	6 3	5 21	16	
17	Fr	And caremparers		10	0	27.46	24	7 38	6 40	5 20	17	
18	Sat	N. Z. Gazette pub. Wellington, 1840	10 51	15	0	41.14	25	8 23	6 4	5 18	18	
19	S	Low Sunday.	11 10	36	0	54:41	26	9 8	6 43	3 5 17	19	
20	M	Pastoral Rents begin to be payable	11 32	52	1	7-70	27	9 52	6 4		20	
21	T		11 54	11	1	20.10	28	10 38	6 4		21	
22	W	Bombardment of Odessa, 1854		27	1	32.51	29	11 25	6 4		22	
23	Th	St. George's Day.		33	1	44.0	0	0 15p.m.			23	
24	F			20	1	56.02	1	1 5	6 4		24	
25	Sat	St. Mark Evangelist	13 13	1	2	6.56	2	1 59	6 5		25	
26	S	Second Sunday after Easter.	13 32	24	2	16.63	3	2 55	6 5			
27	M	Great Fire at Wellington	13 51	35	2	26.21	4	3 53	6 5			
28	T		14 10	31	2	35.81	5	4 51	6 5		28	
29	W	Peace proclaimed in London, 1856	14 29	14	2	44.41	6	5 48	6 5			
30	Th	Battle of Fontenoy, 1745	14 47	48	2	53.0	7	6 44	6 5	0 09	30	

#### PHENOMENA FOR THE MONTH.

APRIL.—5th, 0h. 7m. a.m., Mercury in Aphelion; 5th, 8h. 47m. am., Mercury in greatest elongation—27 deg. 43 min. west; 5th, 11h. 31m. a.m., Venus in Perihelion; 9th, 2h. 50m. a.m., Mars in conjunction with Jupiter—Mars 0 deg. 2 min. north; 11th, 6h. 38m. a.m., Saturn in conjunction with the Moon—Saturn, 3 deg. 5 min. south; 14th, 2h. 30m. a.m., Mercury in conjunction with Jupiter—Mercury 1 deg. 38 min. south; 18th, 9h. 10m. a.m., Mercury in conjunction with Mars—Mercury 1 deg. 49 min. south; 20th, 6h. 7m. p.m., Jupiter in conjunction with the Moon—Jupiter 1 deg. 15 min. north; 21st, 6h. 26m. a.m., Mars in conjunction with the Moon—Mars 1 deg. 55 min. north; 21st, 10h. 46m. a.m., Mercury in conjunction with the Moon—Mercury 0 deg. 18 min. north; 25th, 10h. 16m. a.m. Mercury greatest heliocentric latitude south; 26th, 6h. 59m. p.m., Venus in conjunction with the Moon—Venus 7 deg. 53 min. north; 27th, 2h. a.m., Venus greatest heliocentric latitude north; 28th, 3h. 24m. a.m., Uranus in conjunction with the Moon—Uranus 4 deg. 25 min. north.

#### FARMING OPERATIONS.

Take up and secure the potato crops as they become ripe. If it can be spared, it will be found to answer for feed in the spring, if a field of grass land could now be shut up not to feed off till July. The ploughing up and tillage of the land should be now strictly attended to; not only on unimproved land, but on the stubble land of the farm, there is much work for the plough. Unless proper and constant attention be given to the preparation of the soil, it will return to the farmer no remunerating crops.

#### MAY-XXXI DAYS.

## PHASES OF THE MOON.

Full Moon Last Quarter	D. H. M. 7 6 7 a.m. 15 4 46 a.m. Apogee, 13d. 10h. p.m.	New Moon First Quarter . Perigee, 25d. 8h. p.m.		. 25		6	p.m. a.m.
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	N.		SUN'S AP-	EQUATION OF TIME.	NOON.	MOON'S MERIDIAN	MEAN TIME COPRECTED.		AX8.
- DA	X5.	REMARKABLE DAYS,	CLINATION.	SUBT. FROM APPARENT TIME.	MOON'S AT NO	Meantime.	Sun Rises.	Sun Sets.	YG.
1 2 3 4 5 6 7 8	F Sat S M T W Th F Sat	Ann. Publicans' Licensing Meeting FreeItal. and Aus. war began, 1859 Third Sunday after Easter. Large fire in Christchurch, 1864 Battle of Lutzen, 1813 Rome taken by Imperialists, 1527 Jamaica captured, 1655 First Savings Bank instituted, 1815 Stonewall Jackson died, 1863	N15 5 54 15 24 2 15 41 19 15 59 13 16 16 26 16 33 25 16 50 7 17 6 33 17 22 37	M. s. 3 0·58 3 8·09 3 15·08 3 21·08 3 27·03 3 31·91 3 36·72 3 40·46 3 44·06	8 9 10 11 12 13 14 15 16	H. M. 7 38p.m. 8 30 9 21 10 11 11 0 11 50 0 40a.m. 1 30		H. M. 4 58 4 57 4 55 4 54 4 53 4 52 4 51 4 50 4 48	1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	SMT WITH F Sat SMT WITH Sat SMT WITH	Fourth Sunday after Easter.  Rangoon taken by the British, 1824 Mutiny at Delhi, 1857 Vaccination first applied, 1796 Garibaldi Dictator, 1860 Mary Queen of Scots fled from Scotland Battle of Albuera, 1811 [1568 Rogation Sunday. War deel. against Buonaparte, 1803 Buonaparte Emp. France, 1804 Columbus died, 1506 Ascension Day—Holy Thursday. Alliance between Austria and Russia, Battle of Ramilies, 1706 Birth of Queen Victoria Princess Helena born, 1846 Siege of Acre, 1799 King of Hanover born, 1819 Garibaldi left England, 1864	17 38 26 17 53 57 18 9 14 18 24 7 18 38 44 18 53 3 19 7 4 19 20 45 19 34 8 19 47 10 19 59 41 20 12 8 20 24 5	3 47-64 3 49-08 3 50-48 3 51-78 3 52-35 3 52-15 3 50-65 3 48-55 3 46-32 3 40-74 3 35-41 3 31-06 3 25-71 3 20-35 3 14-03 3 7-70 3 0-47	17 18 19 20 21 22 23 24 25 26 27 28 0 1 2 2 3 4 5 6	2 20 3 9 3 58 4 45 5 32 6 17 7 2 7 46 8 30 9 16 10 4 10 54 11 48 0 45p.m. 1 43 2 43 3 42 4 40 5 34	7 7 7 8 7 9 7 10 7 11 7 12 7 13 7 14 7 15 7 16 7 17 7 19 7 20 7 21 7 22 7 23 7 23 7 24	4 46 4 44 4 43 4 42 4 41 4 40 4 38 4 37 4 36 4 35 4 34 4 32 4 32 4 32 4 31 4 30	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31	F Sat	Restoration of King Charles II. Battle of Fairoaks, 1862 Pentecost, Whit Sunday.	21 37 41 21 47 13 21 55 48	2 53·25 2 45·17 2 37·19	7 8 9	6 27 7 18 8 9	7 25 7 26 7 27	4 29 4 28 4 27	29 30 31

#### PHENOMENA FOR THE MONTH.

May—7th, 11h. 3m. p.m., Venus greatest elongation 45 deg. 25 min. east; 8th, 0h. 39m. p.m., Saturn in conjunction with the Moon—Saturn 2 deg. 56 min. south; 14th, 10h. 10m. a.m., Mercury in ascending node; 15th, 5h. 4m. p.m., Mercury in superior conjunction with the Sun; 16th, 1h. 23m. p.m., Venus in conjunction with Uranus—Venus 2 deg. 55 min. north; 18th, 1h. 37m. p.m., Jupiter in conjunction with the Moon—Jupiter 1 deg. 50 min. north; 19th, at midnight, Mercury in Perihelion; 20th, 7h. 10m. a.m., Mars in conjunction with the Moon—Mars 3 deg. 46 min. north; 23rd, 9h. 7m. a.m., Mercury in conjunction with the Moon—Mercury 6 deg. 26 min. north; 23rd, 7h. 4m. p.m., Saturn in opposition to the Sun; 25th, 0h. 12m. p.m., Uranus in conjunction with the Moon—Uranus 4 deg. 10 min. north; 26th, 1h. 55m. a.m., Venus in conjunction with the Moon—Venus 6 deg. 20 min. north; 29th, 7h. 53m. a.m., Mercury greatest heliocentric latitude north.

#### FARMING OPERATIONS.

Take up and store mangolds, carrots, and parsnips—the first in ridges, five or six feet wide at bottom, and about four feet high, well covered from the wet; the other roots the same, or in sand, if for the table. White turnips and swedes to be taken from the ground as wanted; well-used roots will give us milk and butter and good beef and mutton. Commence wheat sowing; the wetter lands first, but clear out all the furrows and ditches. Make new fences, and take care that the ditches be dug straight. White thorn produces the best permanent fence: the young quick should be planted six inches apart. Furze or gorse will make a good fence for a few years, and is more quickly raised.

#### JUNE-XXX DAYS.

#### PHASES OF THE MOON.

Full Moon . Last Quarter	::	D. H. M. 5 6 26 p.m. 13 9 44 p.m.	New Moon . First Quarter .	D. H. M. 21 2 16 a.m. 27 5 21 p.m.
		Apogee, 10d. 3h. p.m.	Perigee, 22d. 5h. p.m.	

DA	DAYS. REMARKABLE EVENTS.  1 M Lord Howe's Victory, 1794		SUN'S AP- PARENT DI CLINATION	AD SUB	TIME D TO. T. FROM PARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. Mean Time.	MEAN CORRE Sun Rises.		DAYS.
2 3 4 5	W Th	Lord Howe's Victory, 1794 Gas introduced, 1807 Gordon Riots, 1780 Battle of Magenta, 1859 Slave Trade abolished, 1806 Anson died 1789	N22 3 57 22 12 1 22 19 54 22 26 55 22 33 33	1	28:33 19:58 9:45 59:97 49:66	10 11 12 13 14	8 56p.m. 9 44 10 33 11 23	7 29 7 29 7 30 7 30	4 28 4 28 4 27 4 26 4 26	1 2 3 4 5
6 7 8 9	Sat S M T W	Anson died, 1762 Trinity Sunday. Pitcairn Islanders lan. in Nor. Island, Douglas Jerrold died, 1857 Crystal Palace opened, 1854	22 40 9 22 45 57 22 51 40	1 1 1 1	39·03 28·58 17·33 6·32 54·57	15 16 17 18 19	0 13 a.m. 1 6 1 52 2 40 3 27		4 26 4 25 4 25 4 25 4 24	6 7 8 9
11 12 13 14 15	Th Fr Sat S M	Corpus Christi. Princess Mary of Cam. married, 1866 Hastings beheaded, 1683 First Sunday after Trinity. Magna Charta signed, 1215	23 5 26 23 10 2 23 13 28 23 16 28	0 0 0 0 0	42.58 30·38 17·98 5·41	20 21 22 23	4 12 4 57 5 41 6 25	7 34 7 35 7 36 7 36	4 24 4 24 4 24 4 23	11 12 13 14
16 17 18 19	T W Th	Battle of Marengo, 1800 Battle of Bunker's Hill, 1775 Waterloo. Dec. war Aus. and Prussia, Battle of Hochstadt, 1800  [1866]	23 25 49	0 0 0	6·86 20·15 32·65 45·69 58·77	24 25 26 27 28	7 8 7 54 8 42 9 33 10 29	7 37 7 37 7 37 7 38 7 38	4 23 4 23 4 23 4 23 4 23	15 16 17 18 19
20 21 22 23 24	Sat S M T W	Accession of Queen Victoria, 1837 Second Sunday after Trinity. Pro- Shortest day [clamation Great Fire London Bridge, 1861 St. John Baptist.		1 1 1	11·87 24·96 38·02 51·0 3·87	29 0 1 2 3	11 27 0 27p.m. 1 29 2 30 3 28	7 39 7 39 7 39 7 39 7 39	4 23 4 24 4 24 4 24 4 25	20 21 22 23 24
25 26 27 28 29	Th F Sat S M	Battle of Solferino, 1859 George IV. died, 1830 Attack on Pukeu Kauere Pah, 1860 Third Sunday after Trinity. Lord Raglan died, 1855	23 24 3 23 22 33 23 20 11 23 17 40 23 14 33	2 2 2	16·62 29·22 42·09 54·32 6·33	4 5 6 7 8	4 23 5 15 6 5 6 54 7 43	7 38 7 33 7 38 7 38 7 38	4 25 4 25 4 26 4 26 4 26	25 26 27 28 29
30	T	Cawnpore Massacre, 1857	23 11 (	171 - 100	18-11	9	8 31	7 38	4 27	30

#### PHENOMENA FOR THE MONTH.

June—4th, 4h. 7m. p.m., Saturn in conjunction with the Moon—Saturn 2 deg. 58 min. south; 9th, 0h. 35m. p.m., Mercury in conjunction with Uranus—Mercury 1 deg. 31 min. north; 9th, 11h. 31m. p.m., Venus at greatest brilliancy; 15th, 6h. 51m. a.m., Jupiter in conjunction with the Moon—Jupiter 2 deg. 15 min. north; 17th, 3h. 14m. p.m., Mercury greatest elongation 24 deg. 50 min. east; 18th, 6h. 39m. a.m., Mars in conjunction with the Moon—Mars 4 deg. 42 min. north; 21st, 3h. 40m. p.m., Sun enters Cancer; 21st, 7h. 23m. p.m., Mercury in descending node; 21st, 11h. 39m. p.m., Uranus in conjunction with the Moon—Uranus 30 deg. 59 min. north; 22nd, 3h. 33m. p.m., Venus in descending node; 22nd, 8h. 25m. p.m., Mercury in conjunction with the Moon—Mercury 2 deg. 31 min. north; 23rd, 8h. 11m. a.m., Venus in conjunction with the Moon—Venus 2 deg. 3 min. north; 24th, 1h. 37m. p.m., Venus stationary; 30th, 8h. 6m. p.m., Mercury stationary.

#### FARMING OPERATIONS.

Continue wheat sowing, using about two bushels of seed per acre if sown broadcast, and about one-and-a-half bushels if drilled. The richest and best farmed land requires the least seed. Steep the seed in a solution of blue stone, dissolved in warm water, about four ounces to the gallon, enough to cover the seed in steep. Cut small drains to let the water off unlevel pasture lands. Attend to all the fencing, and, as opportunity suits, put every part in good order. Thrashing and the delivery of the grain will be attended to as the state of the market dictates.

## JULY-XXXI DAYS.

#### PHASES OF THE MOON.

Full Moon Last Quarter	D. H. M. 5 8 10 a.m. 13 10 11 p.m.	New Moon . First Quarter -	:	20	н. м. 9 27 1 22	a.m.
	Apogee, 10d. 1h. p.m.	Perigee, 24d. 6h. a.m.				

DAYS.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME.  ADD TO APPARENT TIME.	MOON'S AGE. AT NOON.	MOON'S MERIDIAN PASSAGE.  Mean Time.	MEAN TIME CORRECTED.  Sun Sun Rises. Sets.		DAYS.
1 W 2 TT 3 F 4 Sa 5 8 W 9 TT 10 F 11 Sa 12 M 14 T 15 TT 16 TT 17 F 18 Sa 20 M 21 T 22 TT 22 TT 22 TT 22 TT 24 F 25 Sa 27 M 28 T 29 TT 29 TT 21 TT 22 TT 22 TT 23 TT 24 TT 25 Sa 27 TT 28 TT 29 TT 21 TT 22 TT 22 TT 23 TT 24 TT 25 Sa 27 TT 28 T	Sir Robert Peel died, 1854 Louis XVIII. entered Paris, 1815 Deel. American Independence, 1776 Fourth Sunday after Trinity. Sir Thomas More beheaded, 1535 Peace of Tilsit, 1807 Crimea evacuated, 1856 Session of General Assembly opened, 1867. Battle of Sempach, 1386 Battle of Oudenarde, 1708 Fifth Sunday after Trinity. William Penn died, 1718 Australia discovered, 1606 St. Swithin's Day Allies entered Paris, 1815 Cawnpore taken by Havelock, 1857 George IV. crowned, 1821 Sixth Sunday after Trinity. Professor Playfair died, 1819 Battle of Bull's Run, 1861 Battle of Falkirk, 1298 Ghuznee taken by English, 1839 Gibraltar taken by British, 1709 Battle of Aboukir, 1799 Seventh Sunday after Trinity. Battle of Talavera, 1809 French Revolution commenced, 1830 Wilberforce died, 1833	23	M. S. 3 30·14 3 41·39 3 52·35 4 30· 4 13·82 4 23· 8 4 33·42 4 43·17 4 52·03 5 0·99 5 9·03 5 16·64 5 24·25 5 30·95 5 37·63 5 43·39 5 49·15 5 53· 9 5 58·61 6 2·26 6 5·80 6 8·78 6 10·72 6 12·29 6 13·21 6 13·83 6 13·64 6 12·77 6 11·29 6 9·19 6 6·67	D. 10 111 12 13 14 15 16 17 18 19 20 22 23 24 27 28 0 1 2 2 3 4 5 6 6 7 7 8 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	H. M. 9 19p.m. 10 8 10 57 11 47 0 35 a.m. 1 22 2 8 3 37 4 20 5 48 6 34 7 22 8 13 9 9 10 11 10 0 12 p.m. 1 13 2 11 13 2 11 13 2 11 1 3 59 4 51 5 40 6 28 7 17 7 3 59 4 4 6 8 55 9 44	H. M. 7 38 7 38 7 38 7 37 7 37 7 37 7 36 7 36		1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 22 23 24 27 28 29 30 31

#### PHENOMENA FOR THE MONTH.

July—1st, 6h. 50m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 9 min. south; 1st, 11h. 39m. p.m., Mercury in Aphelion; 2nd, 1h. 39m. a.m., Sun in Apogee; 5th, 2h. 43m. a.m., Jupiter in quadrature with the Sun; 5th, 10h. 56m. a.m., Uranus in conjunction with the Sun; 12th, 8h. 4m. p.m., Jupiter in conjunction with the Moon—Jupiter 2 deg. 36 min. north; 14th, 10h. 54m. p.m., Mercury in inferior conjunction with the Sun; 17th, 4h. 24m. a.m., Mars in conjunction with the Moon—Mars 4 deg. 58 min. north; 17th, 5h. a.m., Venus in inferior conjunction with the Sun; 19th, 0h. 47m. p.m., Uranus in conjunction with the Moon—Uranus 3 deg. 53 min. north; 19th, 8h. 14m. p.m., Mercury in conjunction with the Moon—Mercury 1 deg. 39 min. south; 20th, 1h. 7m. a.m., Venus in conjunction with the Moon—Venus 2 deg. 57 min. south; 21st, 9h. 30m. a.m., Mercury-greatest heliocentric latitude south; 25th, 10h. 56m. a.m., Mercury stationary; 26th, 9h. 57m. p.m., Venus in Aphelion; 27th, 10h. 7m. p.m., Mercury in conjunction with Venus—Mercury 3 deg. 18 min. north; 28th, 9h. 40m. p.m., Mars in ascending node; 28th, 10h. 49m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 24 min. south.

#### FARMING OPERATIONS.

Carefully remove all obstructions to the passing off of the water in ditches and drains. Sow horse beans in drills from twenty-four to twenty-seven inches apart, or carefully sow and plough them in, in every third furrow; two or three bushels of seed per acre. Sow peas in the same way, but not when the soil is saturated with water. Both beans and peas require horse hoeing. If it can be done, feed cows and cattle at night throughout the winter in yards well littered. They will make manure for the soil.

#### AUGUST-XXXI. DAYS.

#### PHASES OF THE MOON.

Full Moon Last Quarter				M. 22 p.m. 59 p.m.	New Moon . First Quarter		18	42	p.m.
	Apogee,	4d. 10h.	a.m.	Perigee,	18d. 10h. a.m. Apogee,	31d. 2h.	p.m.		

DAYS.			SUN'S AP- REMARKABLE DAYS.  PARENT DE-				CORRE	DAYS.	
DA	XS.	REMARKABLE DAYS.	CLINATION.	ADD TO APPARENT TIME.	MOON'S AG	Mean Time.	Sun Rises.	Sun Sets.	DA
			0 / 11	м. s.		н. м.	н. м.	THE PERSON NAMED IN	-
1	Sat	Slavery abolished, 1834	N18 1 33	6 3.54	12	10 32 p.m.		4 54	1
2	S	Eighth Sunday after Trinity.	17 46 25	5 59.36	13	11 19	7 17	4 55	1
3	M	General Pratt arrived at Taranaki,		5 55.06	14	-	7 16	4 57	1
4	T	Calais taken by Ed. III., 1347 [1860		5 49.66	15	0 6a.m.	7 15	4 58	1
5	W	War dec. bet. Turkey and Russia, 1853		5 44 16	16	0 51	7 13	4 59	1
6	Th	Prince Alfred born, 1844	16 42 29	5 38 03	17	1 36	7 12	5 0	3
7	F	Queen Caroline died, 1821	16 25 48	5 30.86	18	2 19	7 10	5 1	40.00
8	Sat	Canning died, 1827	16 8 52	5 23.57	19	3 2	7 9	5 2 5 3	
9	S	Ninth Sunday after Trinity.	15 51 36	5 15.27	20	3 45	7 8		1
0	M	Greenwich Observatory founded, 1675	15 34 16	5 6:92	21	4 30	7 6		1
1	T	Capture of Madrid, 1812	15 16 34	4 57.52	22 23	5 16 6 5	7 5 7 3	5 6	1
2	W	Bomarsund taken, 1854	14 58 37	4 48.09	24	6 5 6 5 6	7 2	5 8	1
3	Th	Battle of Blenheim, 1704	14 40 27 14 22 2	4 37.62	25	7 53	7 0	5 9	1
4	F	Lord Clyde died, 1868	14 3 21	4 15.62	26	8 51	6 59	5 10	i
5	Sat	Marshal Ney shot, 1815	13 44 32	4 4:10	27	9 52	6 57	5 11	1
6	S	Tenth Sunday after Trinity.	13 25 26	3 52.03	28	10 53	6 55	5 12	1
7	M	Siege and battle of Smolensko, 1812	13 6 5	3 39.0	0	11 53	6 54	5 13	1
8	TW	Cardinal York died, 1807	12 48 40	3 25:48	1	0 51p.m.		5 14	6
9	Th	Battle of Saragossa, 1710	12 26 53	3 11 92	2	1 47	6 51	5 15	2
0	F	Hong Kong taken, 1839	12 6 57	2 57.43	3	2 41	6 49	5 16	5
2	Sat	Battle of Bosworth Field, 1485	11 46 54	2 42.96	4	3 32	6 48	5 18	5
3	S	Eleventh Sunday after Trinity.	11 26 39	2 27.53	5	4 23	6 48	5 19	5
1	M	Bievenich Bunday after Trendy.	11 6 9	2 12-17	6	5 13	6 45	5 20	5
5	T		10 45 32	1 55.88	7	6 2	6 43	5 21	3
ß	w	Bomb. of Algiers by Lord Hood, 1816		1 39.63	8	6 51	6 42	5 22	5
7	Th	Battle of Long Island, 1766	10 3 42	1 22.57	9	7 41	6 40	5 23	5
8	F	Victoria Bridge (Ch.Ch.) opened, 1864		1 5.04	10	8 29	6 38	5 24	2
9	Sat	Battle of Aspromonte, 1862	9 21 14	0 47.63	11	9 17	6 37	5 26	5
0	S	Twelfth Sunday after Trinity.	8 59 48	0 29.43	12	10 3	6 35	5 27	1
1	M	John Bunyan died, 1688	8 38 2	0 10.89	13	10 50	6 34	5 28	1

## PHENOMENA FOR THE MONTH.

AUGUST—3rd, 12h. 9m. p.m., Saturn stationary; 4th, 0h. 26m. a.m., Mercury greatest elongation 19 deg. 11 min. west; 4th, 8h. 36m. a.m., Jupiter stationary; 7th, 5h. 54m. p.m., Venus stationary; 9th, 3h. 55m. a.m., Jupiter in conjunction with the Moon—Jupiter 2 deg. 36 min. north; 10th, 9h. 27m. a.m., Mercury in ascending node; 14th, 11h. 19m. p.m., Mercury in Perihelion; 14th, 11h. 35m. p.m., Mars in conjunction with the Moon—Mars 4 deg. 38 min. north; 16th, 1h. 48m. a.m., Uranus in conjunction with the Moon—Uranus 3 deg. 49 min. north; 16th, 3h. 25m. a.m., Venus in conjunction with the Moon—Venus 2 deg. 49 min. south; 17th, 10h. 59m. p.m., Mercury in conjunction with the Moon—Wercury 2 deg. 29 min. north; 17th, Sun eclipsed, invisible (see eclipses); 18th, 12h. 17m. p.m., Venus greatest believed lettinds south; 21st. Vanus at greatest brilliancy; 22nd 5h. 22m. p.m. Satura in greatest heliacal latitude south; 21st, Venus at greatest brilliancy; 22nd, 5h. 22m. p.m., Saturn in quadrature with the Sun; 25th, 6h. 1m. a.m., Saturn in conjunction with the Moon—Saturn 3 deg. 33 min. south; 25th, 7h. 10m. a.m., Mercury greatest heliocentric latitude north; 29th, 0h. 23m. a.m., Mercury in superior conjunction with the Sun.

#### FARMING OPERATIONS.

Finish bean and pea seeding. Sow oats, and if sown broadcast, with four to five bushels of seed per acre; if drilled, three bushels will be sufficient. In all cases the seed soil must be prepared with care. Spring wheat must be sown by this month. Barley sowing may be commenced, but it is essential to the success of the crop that the land should be previously well tilled, and that the land should work well when the grain is sown. Seed, if drilled, two-and-a-half to three bushels; if sown, three-and-a-half to four bushels per acre. Stop all gaps in field fences.

## SEPTEMBER-XXX DAYS.

#### PHASES OF THE MOON.

Full Moon . Last Quarter	. 2	. н. м. 3 28 р.т. 9 35 а.т.	New Moon First Quarter		17	50	a.m.
	Perioce.	15d. 7h. p.m.	Apogee, 28d, midnight				=

T	DA	YS.	REMARKABLE EVENTS.	CLI		DE-	AD SUBT	TATION TIME D TO. C. FROM PARENT IME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. Mean Time.		Sun Sets.	DAXS.
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	WTH F Sat S M T WTH F Sat S M T WTH F Sat S M T W TH F Sat S M T W T W TH F Sat S M T W T W T W T W T W T W T W T W T W T	Great Fire of London, 1666 Peace with America, 1783 Gov. Browne arr. in Auckland, 1855 First American Congress, 1774 Thirteenth Sunday after Trimity. Pioneer ships left Plymouth for Can- Malakoff taken, 1355 Battle of Flodden, 1513 Battle of Belgrace, 1456 Battle of Belgrace, 1456 Battle of Brandywine, 1777 Blucher died, 1819 Fourteenth Sunday after Trimity. Wellington died, 1853 Allies landed in Crimea, 1854 Louis XVIII. died, 1824 Battle of Boxtel, 1794 George I. landed in England, 1714 Battle of Poictiers, 1356 Fifteenth Sunday after Trimity. Sir Walter Scott died, 1832 Peace Congress at Brussels, 1848 Battle of Worcester, 1642 Battle of Worcester, 1642 Battle of Dontery, 1846 Battle of Zurich, 1799 Holy Alliance Treaty, 1815 Sixteenth Sunday after Trimity. Battle of Busaco, 1810 St. Michael. Michaelmas Day.	777666555444433332221110000011222	$\begin{array}{c} 54\\ 32\\ 10\\ 48\\ 25\\ 3\\ 41\\ 18\\ 55\\ 32\\ 9\\ 46\\ 23\\ 0\\ 37\\ 14\\ 17\\ 5\\ 29\\ 15\\ 39\\ 2\\ 26\\ \end{array}$	41 44 33 21 58 33 39 48 55 55 46 37 24 8 50 29 7 45 39 45 51 8 46 8 7 46 7 46	$\begin{array}{c} -0 \\ 0 \\ 0 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 3 \\ 3 \\ 3 \\ 4 \\ 4 \\ 4 \\ 5 \\ 5 \\ 5 \\ 6 \\ 6 \\ 6 \\ 7 \\ 7 \\ 7 \\ 8 \\ 8 \\ 9 \\ 9 \\ 9 \end{array}$	7-46 26-59 5-66 25-05 45-13 5-4 25-83 45-95 6-64 27-44 48-32 9-27 51-32 12-38 33-45 57-46 11-55 36-54 57-46 18-30 39-04 59-67 40-50 1-08 21-01 40-73	14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 0 1 2 3 4 5 6 7 8 9 9 10 11 12 12 12 13 14 15 15 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	11 34p.m. 0 17a.m. 1 1 1 44 2 29 3 14 4 1 4 51 5 43 6 40 7 38 8 36 9 35 10 33 11 30 0 24p.m. 1 19 2 11 3 2 3 53 4 45 5 35 6 24 7 13 7 59 8 46 9 31 10 15	$\begin{smallmatrix} 6 & 32 & 6 & 30 & 0 \\ 6 & 26 & 6 & 24 & 6 & 22 & 6 \\ 6 & 24 & 6 & 22 & 6 & 6 & 18 \\ 6 & 6 & 16 & 6 & 6 & 11 \\ 6 & 6 & 6 & 15 & 5 & 5 & 5 \\ 6 & 6 & 11 & 6 & 6 & 6 & 5 \\ 6 & 6 & 11 & 6 & 6 & 6 & 6 \\ 6 & 6 & 11 & 6 & 6 & 6 \\ 6 & 6 & 11 & 6 & 6 & 6 \\ 6 & 6 & 11 & 6 & 6 \\ 6 & 11 & 10 & 6 & 6 \\ 6 & 11 & 10 & 6 & 6 \\ 6 & 11 & 10 & 6 & 6 \\ 6 & 11 & 10 & 6 & 6 \\ 6 & 11 & 10 & 6 & 6 \\ 6 & 11 & 10 & 6 & 6 \\ 6 & 11 & 10 & 6 & 6 \\ 6 & 11 & 10 & 6 \\ 6 &$	$\begin{smallmatrix} 5 & 20 & 9 & 302 \\ 5 & 5 & 33 & 34 & 34 \\ 5 & 5 & 5 & 38 & 37 \\ 6 & 5 & 5 & 5 & 5 \\ 6 & 5 & 5 & 5 & 5 \\ 6 & 5 & 5 & 5 & 5 \\ 6 & 5 & 5 & 5 $	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20

## PHENOMENA FOR THE MONTH.

SEPTEMBER—5th, 6h. 36m. a.m., Jupiter in conjunction with the Moon-Jupiter 2 deg. 22 min. north; 10th, 1h. 49m. a.m., Mars in conjunction with Uranus—Mars 0 deg. 17 min. north; 12th, 0h. 45m. p.m., Uranus in conjunction with the Moon-Uranus 3 deg. 42 min. north; 12th, 3h. 17m. p.m., Mars in conjunction with the Moon—Mars 3 deg. 53 min. north; 13th, 6h. 8m. p.m., Venus in conjunction with the Moon—Venus 1 deg. 11 min. south; 17th, 6h. 40m. p.m., Mercury in descending node; 18th, 1h. 25m. a.m., Mercury in conjunction with the Moon—Mercury 3 deg. 56 min. south; 21st, 5h. 8m. p.m., Saturn in conjunction with the Moon-Saturn, 3 deg. 32 min. south; 23rd, 6h. 3m. a.m., Sun enters Libra; 26th, 4h. 19m. p.m., Venus greatest elongation, 46 deg. 8 min. west; 27th, 10h. 56m. p.m., Mercury in Aphelion; 30th, 11h. 31m. a.m, Jupiter greatest heliocentric latitude north.

#### FARMING OPERATIONS.

Grass and clover seeds, when intended for rotation crops, should be sown in the last and present months on young wheat, and harrowed in with light harrows, and the land afterwards lightly rolled. Also, the grass, or seeds, should be sown on the lately cropped land, the land lightly rolled after the harrows have been over the barley seeded land; then the small seed sown, and the land lightly harrowed and rolled again, Red clover, ten to twelve pounds per acre, with three pounds of white; and if on uncertain lands, eight or ten pounds of rye grass per acre.

### OCTOBER-XXXI DAYS.

			PHASES OF	THE MOON.		
Full Moon . Last Quarter	:	. 9	о. н. м. 2 7 29 р.m. 9 5 44 р.m.	New Moon . First Quarter Full Moon Apogee, 25d, 5h. p.m.	:	p. H. M. 16 10 32 a.m. 23 9 13 p.m. 31 10 36 p.m.

			SUN'S AP-	EQUATION OF TIME.	r's AGE NOON.	MOON'S MERIDIAN PASSAGE.	MEAN		DAYS.
DA	YS.	REMARKABLE DAYS.	CLINATION.	SUBT. FROM APPARENT TIME.	MOON'S	Mean Time.	Sun Rises.	Sun Sets.	DA
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 8	The Sat	Battle of San Sebastian, 1836 Quarterly Licensing Meeting Sir G. Grey installed Governor, 1861 Seventeenth Sunday after Trinity. Sultan dec. war with Russia, 1853 Marquis Cornwallis died, 1805 British Army entered France, 1813 Cook landed in New Zealand, 1769 Congreve Rockets effectually used, 1806 Eighteenth Sunday after Trinity. Pekin taken by Eng. and Fr., 1860 Napoleon landed at St. Helena, 1815 Battle of Jena, 1806 Garibaldi resigned Dictatorship, 1860 Battle of Leipsic, 1813 Siege of Sebastopol began, 1854 Nineteenth Sunday after Trinity. Kirke White died, 1806 Battle of Navarino, 1827 Battle of Trafalgar, 1805 Allied Fleet entered Bosphorus, 1853 First Parlmt. of Grt. Britain, 1707 Peace with China signed, 1860 Twentieth Sunday after Trinity. Royal Charter wrecked, 1859 St. Simon and St. Jude Royal Exchange opened, 1844	8 3 12 44 3 36 3 3 59 16 4 22 29 9 4 45 39 5 8 47 5 31 49 5 54 43 6 17 87 6 40 29 7 3 9 7 25 45 7 48 17 8 12 42 8 33 1 9 17 15 9 39 7 10 0 55 10 22 30 10 44 4 11 5 20 11 26 27 11 47 32 12 8 8 12 49 21 13 9 33 13 29 35	M. S. 10 19-89 10 38-69 10 56-97 11 15-53 11 33-65 11 51-69 12 8-53 12 25-38 12 41-96 12 57-66 13 13-27 13 27-91 13 42-53 13 56-10 14 9-58 14 22-0 14 34-03 14 46-05 14 57-19 15 6-71 15 17-09 15 25-82 15 34-39 15 42-22 15 48-90 16 5-63 16 1-09 16 5-61 16 9-88	14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 0 1 2 2 3 4 5 6 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	H. M. 11 42p.m. 0 27a.m. 1 11 1 159 2 48 3 40 4 35 5 30 6 28 7 24 8 21 9 16 10 10 11 3 11 55 0 48p.m. 1 41 2 33 24 4 16 5 6 5 54 6 41 7 27 8 11 8 54 9 38 11 2 23	H. M. 5 40 5 38 5 36 5 34 5 30 5 28 5 26 5 23 5 21 5 20 5 18 5 14 5 12		1 2 3 4 4 5 6 6 7 8 9 10 11 12 18 14 15 16 17 18 19 20 22 23 24 25 26 27 28
29 30 31	Th F Sat	Formation of Whitaker Ministry, 1863 All Hallow's Eve		16 13:33 16 15:99	14 15	11 7 11 54	4 50 4 48	6 38 7 40	30 31

#### PHENOMENA FOR THE MONTH.

OCTOBER.—2nd, 6h. 35m. a.m., Jupiter in conjunction with the Moon—Jupiter, 2 deg. 3 min. north; 2nd, 2h. 32m. p.m., Jupiter in opposition to the Sun; 9th, 8h. 32m. p.m., Uranus in conjunction with 2nd, 2h. 32m. p.m., Jupiter in opposition to the Sun; 3th, Sh. 32m. p.m., Uranus in conjunction with the Moon—Uranus 3 deg. 30 min. north; 10th, 10h. 10m. p.m., Uranus in quadrature with the Sun; 11th, 2h. 35m. a.m., Mars in conjunction with the Moon—Mars 2 deg. 58 min. north; 13th, th. 53m. a.m., Venus in conjunction with the Moon—Venus 0 deg. 57 min. south; 13th, 6h. 16m. p.m., Mercury at greatest elongation, 24 deg. 45 min. east; 13th, 6h. 59m. p.m., Venus in ascending node; 18th, 2h. 26m. a.m., Mercury in conjunction with the Moon—Mercury 8 deg. 28 min. south; 18th, 8h. 43m. a.m., Mercury greatest heliacal latitude south; 19th, 7h. 15m. a.m., Saturn in conjunction with the Moon—Stature 3 deg. 25 min south; 23 deg. 25 min south; 25 deg. Saturn 3 deg. 25 min. south; 23rd, 5h. 17m. p.m., Uranus stationary; 25th, 7h. 48m. p.m., Mercury stationary; 29th, 7h. 44m. a.m., Jupiter in conjunction with the Moon—Jupiter 1 deg. 56min. north.

## FARMING OPERATIONS.

Finish all seedings hitherto spoken of. Shut up fields intended to be mown up for hay. Plough and carefully till, in dry weather, the lands intended for root and cabbage crops. For carrots, very deep and very fine tillage is necessary. Carrot seed requires much manipulation before sowing; mix with fine earth and turn over and slightly moisten every day for three weeks; three to four lbs. per acre is sufficient.

#### NOVEMBED VVV DAVE

Last Q New M	D. H. M. uarter 8 1 17 a.m.	F	oon. rst Quarter all Moon ee, 22d. 1h.	p.m.	: ::		м. 17 р. 31 р.	
DAYS.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME.  SUB. FROM APPARENT TIME.	MOON'S AGE. AT NOON.	MOON'S MERIDIAN PASSAGE. Mean Time.	Sun Rises.	Sun	DAYS.
1 S M 2 M 3 T 4 W 5 F 5 F 6 F 7 Sat 8 S M 10 T 11 W 112 Th 13 F 116 S M 17 T W 119 Th 120 F 5 116 M 119 Th 120 F 5 121 Sat 122 S M 224 T W 226 Th 228 S Sat 229 S S 30 M	Twenty-first Sunday after Trinity. Great Eastern launched, 1857 Siege of Acre, 1840 Battle of Warsaw, 1794 Battle of Inkermann, 1854 Princess Charlottte died, 1817 Victor Emanuel entd. Naples, 1860 Twenty-second Sunday after Trinity. Birth of Prince of Wales Martin Luther born, 1443 Treaty of Villa Franca, 1859 Battle of Dumblane, 1715 Battle of Sheriff Muir, 1715 Governor Grey arrived, 1845 Twenty-third Sunday after Trinity. Insurrection in Rome, 1848 Battle of Lutzen, 1802 Wellington's Funeral, 1853 Wreck of the Colombo, 1862 Peace of Paris, 1815 Princess Royal born, 1840 Twenty-fourth Sunday after Trinity Weld Ministry formed, 1864 Siege of Porto Bello, 1739 Havelock died, 1857 Kars taken, 1855 Pacific Ocean discovered, 1519 Ballarat Riots, 1854 First Sunday in Advent. St. Andrew's Day	16 54 4 17 11 5 17 27 48 17 44 15 18 0 11 18 16 0 18 31 34 18 46 38 19 1 37 19 15 54 19 30 8 19 43 52 19 57 16	M. S. 16 17-41 16 18-52 16 18-96 16 18-26 16 16-87 16 14-58 16 11-44 16 6-98 16 265 15 56-47 15 49-87 15 42-41 15 34-15 15 24-52 15 56-44 14 12-17 13 56-81 13 41-18 13 24-74 13 7-54 12 49-15 12 30-53 12 11-20 11 50-66 11 29-89 11 8-44	D. 16 17 18 19 20 21 22 23 24 25 26 27 28 3 4 5 6 7 8 9 10 11 11 11 11 11 11 11 11 11 11 11 11	H. M.  0 43a.m.  1 35 2 29 3 25 4 23 5 20 6 15 7 9 8 2 8 54 9 45 10 36 11 28 0 20p.m. 1 14 2 5 2 56 3 46 4 34 5 20 6 48 7 31 8 15 9 0 9 45 10 34 11 25	4 45 4 44 4 43 4 41 4 40 4 38 4 37 4 36 4 35 4 34 4 33 4 32	H. M. 16 441 45 66 444 66 46 46 66 65 57 77 12 66 57 77 11 12 77 11 13 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 16 17 77 16 17 77 16 17 77 16 17 77 16 17 77 16 17 77 16 17 77 16 17 77 17 17 17 17 17 17 17 17 17 17 17	1 2 3 4 5 6 6 7 8 9 10 11 12 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20

PHENOMENA FOR THE MONTH.

NOVEMBER.—4th, transit of Mercury over the disc of the Sun (see Eclipses); 5th, 6h. 20m. p.m., Mercury in inferior conjunction with the Sun; 6th, 1h. 51m. a.m., Uranus in conjunction with the Moon—Uranus, 3 deg. 17 min. north; 6th, 8h. 43m. a.m., Mercury in ascending node; 8th, 8h. 36m. a.m., Mars in conjunction with the Moon-Mars 2 deg. 5 min. north; 10th, 10th. 34m. p.m., Mercury in A.m., Mars in conjunction with the Moon—Mars 2 deg. 5 link. Hord; fold, fold 5 link, said, said, 18th, 4h. 38m. p.m., Venus in conjunction with the Moon—Venus 2 deg. 5 link. south; 13th, 4h. 23m. p.m., Mercury in conjunction with the Moon—Mercury 2 deg. 5 link. south; 14th, 6h. 40m. a.m., Mars in quadrature with the Sun; 14th, 3h. 10m. p.m., Mercury stationary; 15th, 10h. 27m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 17 min. south; 16th, 10h. 29m. a.m., Venus in Perihelion; 17th, 11th, 31m. a.m., Jupiter in Perihelion; 21st, 6h. 27m. a.m., Mercury greatest heliocentric latitude north; 22nd, 9h. 54m. a.m., Mercury greatest elongation, 19 deg. 42 min. west; 25th, 1h. p.m., Jupiter in conjunction with the Moon—Jupiter 2 deg. 9 min. north; 30th, 5h. 13m. a.m., Jupiter stationary; 30th, 1h. 44m. p.m., Saturn in conjunction with the sun.

## PARMING OPERATIONS.

Parsnips require about the same cultivation as carrots. Both these crops must be carefully hoed and weeded at least twice over. Care is required in the sowing to spread the seed evenly over the land. Mangel-wurzel should be sown in the past or early in the present month. The best plan is to draw out furrows in the deeply and thoroughly tilled land, about twenty-seven inches apart from each other, with a double-breasted plough; spread manure in the furrows, close the earth over them with the plough, and dibble or deall in the contract of drill in the seed, from three to four pounds per acre. Horse-hoeing between the ridges, and hand-hoeing and weeding on the ridges must be done to get a crop. Sow swede turnips and plant cow cabbages and potatoes.

#### DECEMBER-XXXI, DAYS.

#### PHASES OF THE MOON.

		D. H. M.			D. H. M.
Last Quarter	1143	. 7 9 4 a.m.	First Quarter		22 3 59 p.m. 30 1 18 a.m.
New Moon	1 10	. 14 1 4 p.m.	Full Moon .	*	90 1 15 a.m.
		Perigee, 4d. 7h. p.m	. Apogee, 20d. 11h. a.m.		

DA	Ys.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME. SUBT. FEOM ADD TO APPARENT TIME.	MOON'S AGE AT NOON	MOON'S MERIDIAN PASSAGE, Mean Time,	MEAN CORRE	TIME CTED. Sun Sets.	DAYS.
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29 30 31	TW	Release of Slidell & Mason, 1861 [1857 Capture of Mooltan, 1848 Battle of Wakefield, 1460		2 18·55 2 47·45 3 16·08	15 16 17	11 59 1 1a.m.	4 25 4 26 4 27	7 37 7 38 7 38	29 30 31
01		Dietro of Haddon, 1200	- 50	1			-		

## PHENOMENA FOR THE MONTH.

DECEMBER.—3rd, 7h. 6m. a.m., Uranus in conjunction with the Moon—Uranus 3 deg. 8 min. north; December.—3rd, 7h. 6m. a.m., Uranus in conjunction with the Moon—Uranus 3 deg. 8 min. north; 6th, 8h. 12m. a.m., Mars in conjunction with the Moon—Mars 1 deg. 38 min. north; 8th, 6h. 51m. a.m., Venus greatest heliocentric latitude north; 11th, 1h. 10m. p.m., Venus in conjunction with the Moon—Venus 3 deg. 13 min. south; 13th, 0h. 10m. p.m., Mercury in conjunction with the Moon—Mercury 4 deg. 40 min. south; 13th, 0h. 48m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 12 min. south; 13th, 5h. 56m. p.m., Mercury in conjunction with Saturn—Mercury 1 deg. 29 min. south; 14th, 5h. 56m. p., Mercury in descending node; 21st, 11h. 59m. p.m., Sun enters Capricorn; 22nd, 11h. p.m., Jupiter in conjunction with the Moon—Jupiter 2 deg. 37 min. north; 24th, 10h. 10m. p.m., Mercury in Aphelion; 27th, 0h. 9m. p.m., Jupiter in quadrature with the Sun; 30th, 2h. 18m. p.m., Uranus in conjunction with the Moon—Uranus 3 deg. 9 min. north.

## FARMING OPERATIONS.

Attend to the hoeing and weeding of the carrots, parsinjs, and mangolds. Continue and finish potato planting. For every root or bulb crop, deep ploughing and perfect tillage are required. Cut potatoes into sets, and from ten to twenty cwt. per acre will be required for planting. Sow white turnips, and in no case neglect the hoeing and weeding of the root and cabbage crops. Mow grass for hay. Rye-grass is fit when the pollen from the flowers blows over the land in a sort of smoke; common clover, when the whole field is a bloom of purple, but before any fades; and cow-grass, when from two-thirds to three-fourths of the flowers are developed.

## GARDEN CALENDAR.

These, as they change, Almighty Father, these Are but the varied God. The rolling year Is full of Thee. Forth in the pleasing Spring Thy beauty walks, Thy tenderness and love. Wide flush the fields: the softened air is balm; Echo the mountains round; the forest smiles; Echo the mountains round; the forest smiles;
And every sense and every heart is joy.
Then comes Thy glory in the summer months,
With light and heat refulgent. Then Thy sun
Shoots full perfection through the swelling year;
And off Thy voice in dreadful thunder speaks;
And oft at dawn, deep noon, or falling eve,
By brooks and groves, in hollow whisp'ring gales.
Thy beauty shines in Autumn, unconfin'd,
And spreads a common feast for all that lives.
In Winter, awful Thou! with clouds and storms
Around Thee thrown, tempest o'er tempest roll'd. Around Thee thrown, tempest o'er tempest roll'd, Majestic darkness! On the whirlwind's wing, Riding sublime, Thou bidd'st the world adore, And humblest nature with Thy southern blast .- THOMSON.

## JANUARY.

Soft roll your incense, herbs and fruits and flowers, In mingled clouds to Him whose sun exalts, Whose wisdom perfumes, and whose pencil paints.—Thomson.

General Observations on the Weather—Cabbage, Broccoli and Savoy Planting—Transplant Lettuce, Leek, Endive, and Celery Plants—Sow Turnips, &c.—General Directions for the Management of the Greenhouse, Orchard and Flower Garden—Mowing Grass Walks and Lawns.

The opening month of the year corresponds to an English July in season and in temperature—in drying wind and in all the characteristics of an English midsummer, with its bright sunshine, dry atmosphere, and increasing warmth, slightly intensified. These atmospheric conditions usually attain their greatest intensity about the end of the present and commencement of the ensuing month. It is, therefore, a matter of peculiar importance in gardening to finish the planting and sowing of winter vegetables during the earlier period of the month, while the ground still retains a portion of the moisture acquired during the usually showery month of December; for if the operation of planting and sowing is carried on while the soil is dry, the sun bright, and the winds parching, the chances of successful gardening must necessarily become greatly diminished.

Seize, therefore, the commencement of the month for the planting of London and Walcheren cauliflowers; imperial white winter, and other sorts of flowering broccoli; early York, nonpareil, and drumhead cabbages; globe savoys, Brussels sprouts, curled greens, and other varieties of winter vegetables.

Transplant also cabbage and cos lettuce, green curled endive, leeks and celery, planting the latter vegetable in well manured trenches in the shadiest and moistest portion of the garden; if desired to be very large and fine, it must have frequent copious waterings during the drier portion of the season; for being naturally a rapid growing semi-aquatic plant, it requires a rich moist soil when under artificial cultivation.

Sow broccoli, cress, mustard, endive, lettuce, French beans, radishes, onions, carrots, swede, yellow Aberdeen, and white stone turnips; and risk yet a final sowing of peas and broad beans, which will be fit for gathering about the beginning of April, if they escape the contingency of early autumn frosts.

Gather all sorts of garden seeds as they ripen. Hoe advancing crops of cauliflowers, and shade with their own leaves large heads of nearly matured crops. Earth up the crops of celery, cauliflower, broccoli, Brussels sprouts, and other winter greens planted in December.

Pull full-grown garlie, eschalots and onions; prune crowded melons under glass, and plant cuttings of them for a successful crop; give copious daily waterings to cucumbers.

Gather sage-tops, lavender-spikes, camomile flowers, and plants of penny-royal, hyssop, mint, balm, marjoram, and other aromatic herbs, and place them to dry for winter use.

Commence budding fruit trees on cloudy days, and stake the expanding shoots of spring-grafted ones, displacing all suckers and shoots beneath the graft. Summer-prune all gross and superfluous shoots in fruit trees of whatever kind, and support branches which give promise of being broken down by overabundant crops.

Transplant, shade and water biennials and fibrous-rooted perennials sown in spring or in the beginning of summer. Clear away the decaying stems of such herbaceous plants as have done flowering. Take up and dry bulbous roots, the decaying state of whose leaves implies ripened roots and fitness for drying.

Support and water choice carnations, dahlias, and hollyhocks; and propagate sweet-williams, pinks and carnations, by layers and pipings, taking care to water freely and shade fully every bright day.

Greenhouse plants now in bloom will require to be carefully staked and supplied with an abundance of water every afternoon, and on specially hot and parching days they are likely to require to be more or less watered twice a day during this and the succeeding month, whilst a partial shade from the overpowering brightness of the mid-day sun will preserve the purity of the colours of their flowers, and greatly prolong their endurance.

Vineries, devoted mainly to the production of grapes, should be closed in early in the afternoon; immediately after which, the borders of the house may be sprinkled, and the vines syringed with clean water which has undergone some hours' exposure to the sun; this treatment will create a warm, moist atmosphere, in which the grapes will swell with great rapidity.

Grass walks and lawns will now require to be very frequently mown, even so often as once a-week, where it is desired to have them kept very neat and smooth. If this operation is performed with a scythe, it will be best done upon showery or dewy mornings. Mowing machines are now, however, beginning to be much more generally used than scythes, and are much more expeditious, for they not only cut smoother and better, but equally well whether the grass is wet or dry, whilst they both roll the lawn and collect the cut grass all by the one operation.

## FEBRUARY.

Rich in content, in nature's bounty rich In herbs and fruits, whatever greens the spring, When Heaven descends in showers or bends the bough, When Summer reddens and when Autumn beams,—Thomson.

The Weather-Directions for Gathering Fruits and Seeds-Weeding-Sowing Autumn Crops-Pruning-The Flower Garden-The Greenhouse and Vinery-The Lawn.

Titis, the first autumnal month, like that of August in England, usually displays more of the characteristic of summer weather than that of autumn. Vegetation is still in the midst of luxuriant growth, although the weather is generally hot and dry, so much so as to suspend, in a great degree, the usual duties of planting and sowing, and to restrict the operations of the garden to the collection of ripe fruits for peserving. Apples, pears, peaches, plums, and raspberries will now be ripening in great profusion, and ought to be collected only when perfectly dry; for fruit gathered and boiled in a wet state is sure to ferment.

Collect also all kinds of ripe vegetable and flower seeds. Hoe between growing crops for the destruct. of weeds, and single out advancing crops of carrots, parsnips, turnips, onions, beet, and other large growing roots, which can only attain perfection when thinned to a reasonable distance.

Ripening crops of onions, garlic, eschalots, and other bulbous roots, may be drawn and stored. Weed and thoroughly clean asparagus beds, afterwards strewing the surface with a sprinkling of salt; remove the smaller and lower heads of globe artichokes; if rain should fall towards the end of the month, commence the usual autumn sowings of early York, drum-head, and other cabbages, cauliflowers, savoys, curled greens, red pickling cabbage, and Brussels sprouts for late autumn and early spring planting. Sow also white stone turnips for winter use. Continue successional sowings of radish, cress, mustard, lettuce, and endive for salading; and prepare land for a large breadth of onions, for the sowing of which see next month's calendar.

Continue to thin out all unnecessary wood in fruit trees; and if American blight should happen to show on apple trees, exercise unremitting diligence in painting every spot or twig with linseed or other oil, which, if persevered in, will effectually destroy the disease.

Frequently water and stake flower border plants, which require moisture and support during the period of blooming; continue the propagation of pinks and carnations by pipings and layers, as previously directed.

Collect ripened seeds of choice annuals and perennials, especially of verbenas, polyanthuses, pinks, carnations, dahlias, and other esteemed flower border favourites, the seeds of which are imported with difficulty, because of their liability to lose their vitality during the voyage; hence the greater necessity for a judicious care over those sorts we possess—the varieties of which may be greatly augmented, and the colours and habits of the parent plants greatly diversified in the well-defined characteristics of a vigorous offspring.

Greenhouse plants, throughout the whole of the present month, will require a similar attention to shading and watering, as well as by sprinkling them overhead from the fine rose of a watering-pot; or still better, by dewing them, gently, with a hand syringe, which has a very renovating effect after the depressing influence of hot dry weather.

Grapes grown in vineries which have received but little forcing will now commence to colour; the lateral and other growing shoots ought now to receive a final stopping, and the borders and atmosphere of the house may be kept as dry as possible, which will ensure grapes of a high colour and rich flavour.

Should grass walks and lawns at this season lose their greenness of colour from excessively dry weather, one or two heavy waterings sprinkled all over the lawn in the evenings will preserve its colour throughout the summer, and maintain the freshness of appearance peculiar to well-kept lawns in the earlier part of the season, when all is green and laxuriant.

## MARCH.

At last
The clouds consign their treasures to the fields;
And, softly shaking on the dimpled pool
Prelusive drops, let all their moisture flow
In large effusion o'er the freshened world.—Thomson.

Vegetation—Celery—Winter Greens—Radish—Lettuce—Cress—Mustard—Endive—Turnips—Prepare Land for Autumn-sown Onions—Broad Beans—Cabbage, Cauliflower, &c.—Spinach—Budding— Strawberry Planting—Bulbous and Tuberous Flower Roots—Vineries—Lawns and Shrubberies.

AUTUMNAL showers, at short intervals, throughout the greater portion of the present month, may always be predicted with complete certainty. The effect upon vegetation, in the heated state of the soil, thus slightly cooled and moistened by these frequent showers, is almost instantaneous, rapidly exciting a second spring-like growth, and even a second profusion of blossoms upon many sorts of flowering plants which had already bloomed at an earlier period of the year.

These rains indicate the arrival of a suitable time for the renewal of our exertions in active planting and sowing; which should first be devoted to the planting of late crops of celery, as well as second crops of all the sorts of winter greens previously named.

Seeds may now be sown of radish, lettuce, cress, mustard, and endive; and this is especially the season for making a large sowing of early white stone turnips, which will yet give a moderate crop of remarkably sweet and tender turnips throughout the whole of the winter and early spring. The most suitable ground for all these crops will be that from which early potatoes have been dug.

Now is the best period of the year for preparing the land for a large breadth of autumn-sown onions; for this indispensable and valuable vegetable, sown carty in the present month, becomes sufficiently established to withstand the winter, and during the following summer to produce much larger and finer bulbs than those sown in spring; indeed, so well is this known in the northern settlements, that onions are very generally sown at this season, and the crop is well-known to be often an astonishingly profitable one. It is, however, here requisite to introduce a caution against extending the autumn sowing of onions, as is sometimes unwisely done, to the end of April and May; for if sown so late, they have not had time to root sufficiently deep to secure themselves, when the first thaw that succeeds a sharp frost is sure to throw them upon the surface. It ought, therefore, to be distinctly understood, that if onions are not sown in March, or by the first week in April, they are best deferred until early spring.

Broad beans sown at this season will withstand the winter, and produce an abundant crop in November. All the varieties of cabbages, curled greens, savoys, Brussels sprouts, and cauliflowers may now be sown for transplanting in spring; another sowing of spinach may be made.

Transplant lettuce and endive for winter use; mould up celery; tomatoes and capsicums may be gathered; ripe onions may also be gathered, dried, and stored; and some of the latter sorts of annual pot-herbs will still require to be collected and dried.

Continue the budding of fruit trees, and regulate once more the shoots of vines, apricots, peaches, and other choice fruit-bearing plants; make new plantations of strawberries from well-rooted and established runners, giving an especial preference to the variety known by the name of Kean's seedlings.

Bulbous and tuberous flower roots, lifted about the end of summer, may now be re-planted; polyanthuses, auriculas, primroses, and cowslips, now starting forth into new growth from the altered character of the weather, may be lifted and increased by division of their roots; these and other herbaceous plants which have finished blooming will, during the showery weather of this and the succeeding months, readily bear this easy mode of augmenting their numbers.

English hollies and several other evergreens, having completed their summer's growth, and being now about to push forth an autumnal one, can be transplanted with certain success at this season, especially if showery or cloudy days are selected for the operation. The same period and mode of procedure will be found alike applicable to young blue gums, and other Tasmanian trees and evergreen shrubs.

Greenhouse plants, from the greater humidity of the atmosphere, will now require less frequent watering, especially those which have done blooming, many of which may now be headed back; and the cuttings thereby afforded, if placed in a gentle bottom heat, will root rapidly, and speedly increase the stock of flowering plants for another season.

Maintain in vineries a perfectly dry atmosphere, and give an abundance of air every fine day. Grapes should now be highly coloured and perfectly ripe, and can readily be preserved, plump and fine, for a period of five months, in a dry temperature, with a free circulation of air.

Evergreens of various kinds can now be planted out upon grass lawns; the showery character of the weather and softened sunshine will be found highly conducive to success, and the growing period of autumn is yet sufficiently long to allow of the plants thoroughly establishing themselves before winter. They will thus be ready in spring to start forth into rapid growth, considerably surpassing those the planting of which has been delayed to the more dormant season of mid-winter.

## APRIL.

With golden light enliven'nd, wide invests
The happy world. Attemper'd suns arise
Sweet-beamed, and shedding oft through lucid clouds
A pleasing calm.—Thomson.

The Weather—Final Sowings of Cabbage, Cauliflower, &c.—Transplanting—Lettuce—Endive—Celery—Thinning out Broccoli—Lift Potatoes—Strawberries—Commence Pruning Currants and Raspberries—Bulbous Flower Roots—Greenhouse Climbers—Verbena and Geranium Cuttings—The Lawn.

APRIL, the third month of autumn, is usually one of the most settled of the year. The days generally are distinguished by beautiful bright sunshine, by an almost entire absence of wind, and by a soft balmy state of the atmosphere; although the temperature begins sensibly to decline, and the nights to lengthen considerably, whilst heavy dews and diminished transpiration and evaporation begin to render artificial watering in the open air unnecessary.

Cooler weather and less active growth have now restricted the varieties of vegetable seeds necessary to be sown this month to final sowing of cabbages, cauliflowers, savoys, and curled greens, to stand the winter in the seed-beds, and afford supplies of each for planting out in spring, to cress and mustard for late salading, and to a good sowing of spinach for spring gathering.

Relief, however, from the duties of sowing only substitutes the obligation of renewed exertion in the not less pressing duties of transplanting; for most of the plants sown about the end of February and first week in March will now require to be planted out so as to afford supplies of vegetables for early spring use. Continue to transplant lettuce and endive for winter salading, and tie up the more advanced crops of each for blanching; earth up growing celery, and take precautionary measures for the protection of the late heads of cauliflowers by bending their own leaves over them, for they are very susceptible of injury from frost.

Hoe between and earth up advancing crops of flowering broccoli; and if these, from their over vigorous growth, have become too crowded, the plants of every second row, and each alternate plant in the remaining row, may, with advantage, be thinned out and planted to the neck in potato or other ground from which the crops have been removed; for it often happens on a rich, new ground that, unless broccoli receive a cheek in autumn from a second transplanting, or by being laid over on their side, they are liable, from excessive exuberance of growth, to pass their proper season of flowering, and stand over to the second year. Commence to lift, dry, and store early seed potatoes; and dig, manure, and trench all vacant pieces of ground, so that they may throughout the winter derive all the fallowing advantages of frost, sun and air.

Where emitted last month, it will still be a good time to plant out lines or beds of strawberries from the best rooted young runners of the current season's growth. Twelve inches from plant to plant in the row, and not less than twenty-four inches between the rows, are fair distances. Much, however, depends upon selecting a fruitful sort, for some of the kinds in cultivation are very unproductive. Unquestionably the best variety is the Kean's seedling, which has fully proved itself an abundant bearer, producing a profusion of fine fruit from the 20th November until the end of January. The next best sorts are the British Queen and Elton Pine. These two late sorts successively prolong the strawberry season until other small fruits are profusely ripe.

Budded fruit trees may now be untied; and towards the end of the month pruning may be commenced upon current bushes and raspberries which have fully shed their leaves.

In flower gardening, continue the planting of bulbous flower roots, the lifting, drying and storing of dahlia roots, the taking up and protecting of geraniums and other tender plants unlikely to withstand the winter; continue the subdivision and increase of flower lorder plants, thus prudently providing for the gaiety of the garden during the coming season.

Evergreens of many varieties may continue to be successfully transplanted, settling the earth around the roots of each plant with a heavy drenching of water as soon as planted. Budding may still be performed under all the conditions usually deemed essential to success; and this will apply not merely to fruit trees, but to purple beech, weeping ash, rose acacia, scarlet and double-blossmed thorns, as well as many other choice trees and shrubs, which attain greater perfection and more luxuriant growth when established on vigorous stocks of a kindred character.

Greenhouse climbing plants—the beauty of which has passed away—may now be trimmed in, and neatly trained, so disposing their branches as to make the most effective display of blossoms throughout the course of another season. Water may be withheld from their roots, and syringing overhead may now be discontinued; permitted thus to rest from growth for a time, they will shoot forth in spring with greatly renewed vigour, and richly ornament the greenhouse with a profusion of handsome bloom throughout the whole of the summer.

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Cuttings of verbenas and geraniums, and many other soft-wooded plants, may still be planted with the certainty of their shooting freely, and still being in time to make good blooming plants during the following summer.

Grass lawns and walks frequently mown and rolled during the months of autumn will present a much smoother and greener appearance during the winter months, because of the extra care bestowed, and as greenness and smoothness are the two first considerations in the management of all well-kept lawns, no reasonable efforts ought to be spared at this season to secure in their fullest perfection the accomplishment of these very desirable advantages.

#### MAY.

Nature! great parent! whose unceasing hand Rolls round the seasons of the changeful year, How mighty, how majestic are thy works! With what a pleasing dread they swell the soul, That sees astonished!—Thomson.

First Winter Month—Transplanting, Pruning, Manuring, Digging, &c.—Sowing limited to Mustard and Cress—Transplanting Cabbage, Cauliflower, Lettuce, Fruit Trees, Forest and Evergreen Shrubs—Winter Pruning—Espalier Training for Raspberries, Gooseberries and Currants—Lift and Store Carrots and Parsnips, &c.—Seakale Beds—Asparagus—Rhubarb Beds—Trim Herbaceous Plants—Protect Geràniums, Verbenas, &c.—Commence Planting of Bulbous Flower Roots—Potting Greenhouse Plants—Levelling Lawns.

MAY, the counterpart of an English November, and first month of winter, ushers itself in, not in storms and tempests as in England, but in all the peaceful stillness, warmth, and sunshine of an English August. The nights, it is true, are often sharp and cold; but down to the middle of the month the days generally are bright and beautiful, and it is only towards its close that the first symptoms of approaching winter begin to be felt.

The month, therefore, is still highly favourable to garden operations, though chiefly those of transplanting, pruning, manuring, digging, trenching, and the like; for seed sowing has now become limited to successional sowings of mustard and cress, to keep up the supply of snall salading. But transplanting, although applicable to autumn-sown plants of cabbages, cauliflowers, lettuce, and spinach for spring use, now embraces a wider range, and includes gooseberries, currants, apples, pears, cherries, and other fruit trees, as well as many sorts of forest trees and evergreen shrubs; for it is a well-established fact in gardening, that all sorts of trees which are planted when just shedding their leaves at once re-establish themselves, and make much better growth during the following summer than spring-planted ones. Wherever, therefore, fruit and forest tree planting is contemplated, every effort should be made to get as much of it done this month as possible.

The season for commencing winter pruning has now arrived, as indicated by the falling leaves of gooseberries and currants. In performing this operation, first divest the bush of all suckers, for these are generally gross, unfruitful shoots, which only mar the symmetry and vigour of the bush.

The young wood must be thoroughly cleared out from the centre, and the side shoots kept at least six inches apart, so that when the bush is pruned it should present the form of a spacious cup; this mode of pruning being best adapted to admit a sufficiency of light and air, two essential elements in the production of large, high-flavoured fruit.

In prunning raspberries, first divest them of last year's fruit-bearing wood, then reduce the shoots of the past summer to not more than from three to five of the strongest young canes to each plant, and these may be shortened to one-fourth their length, and securely tied to a strong stake, or against an espalier rail, which is a secure and excellent mode of training both raspberries and currants.

Carrots, parsnips, salsafy, and scorzonera roots may now be lifted and stored in dry sand; and the land on which they were grown may be thrown up in ridges, to expose the greatest extent of surface to the beneficial influence of rain, sun, and air.

Dress sea-kale beds with a good sprinkling of salt, and a covering of stable manure; first removing the decayed leaves, and stirring the surface of the bed a few inches in depth.

Clear away also the ripened haulm of asparagus, first loosening the surface, and then dressing the bed with eight or ten inches of fresh sea-weed; or, in the absence of this, give a heavy dressing of salt, and then cover with six inches of well-rotted stable manure, for both sea-kale and asparagus are well known to luxuriate mostly in soils highly impregnated with saline substances.

Rhubarb beds should now be cleaned and heavily manured; for this vegetable, if grown in perfection, requires a much more rich and moist soil than is usually allowed to it.

Globe artichokes may now have their decaying stems and leaves cut away, the surface loosened with a fork, and the ground around strewn with litter, to protect their roots from the injury they are likely to sustain from the frost.

Herbaceous plants which have done blooming will now require to be trimmed; decaying annuals removed; fuchsias, geraniums, verbenas, and other similar plants will now require to be protected. The planting of bulbous roots may be commenced, and the flower borders neatly dug, to give them a freshness of appearance pleasing to the eye, which will in some small degree compensate for the absence of floral display.

Deciduous trees and shrubs which have fully completed their growth and perfectly matured their young wood to its extremity, and from which the yellow leaves of autumn are beginning to fall, may now be very successfully transplanted, for early autumn planting is invariably the most successful; for the descending sap of trees enables them at once to form new roots, and establish themselves ready to start into a growth in spring not unfrequently as luxuriant as that which is obtained from trees which have been one whole season established.

The gaiety of the greenhouse will now be nearly over for the season, most of the old-established geraniums, fuchsias, verbenas, and others of a similar class may now be closely pruned in, and transferred to smaller pots by having the ball of earth reduced, and their roots reasonably trimmed; a dry atmosphere may be maintained with a free circulation of air every fine day, and watering at the roots will not now be required more than once a week: under this treatment the plants will almost entirely rest from growth for two months, being thereby better fitted to start into a vigorous growth in spring.

Vineries should have an abundance of air every dry day, to thoroughly ripen the young wood of the vines, and thus fit them for the important operation of careful pruning, for the proper performance of which see next month.

Grass lawns may now be levelled by lifting and relaying the turf; or new lawns may in this way and at this season be advantageously formed; for the frequent showers will preserve the colour of the newly formed sward; and if the turf is closely fitted it will rapidly unite at this season, and very soon form a smooth even sward, requiring one or two close mowings and rollings, which will enable it to preserve a fresh and agreeable appearance until the recommencement of growth in early spring.

#### JUNE.

In Winter, awful Thou! with clouds and storms Around Thee thrown, tempest o'er tempest roll'd, Majestic darkness!—Thomson.

Winter Weather—Pruning and Transplanting—Apples, Pears, Plums, &c.—Planting of Forest Trees, Evergreens, and Ornamental Shrubs, Thorns, Privets, &c.—Native Shrubs—Planting—Onions, Eschalots, Garlic—Regulation of Beds—Manure—Wood-Ashes—Rhubarb—Asparagus Beds, Salt Dressing—Plant Bulbous Flower Roots. Anemones, Ranunculus, Lily of the Valley, &c.—Pruning Vines—Ornamental Shrubberies—Protection of Choice Plants.

GLOOMY days, frequent rains, occasional frosts, and now and then a well-known "southerly buster," are significant symptoms of the return of winter. These, however, are quietly borne with, because, when compared with our recollections of an English winter, the corresponding season here appears of comparatively short duration; and, besides, has the redoeming merit of affording an occasional beautiful day.

Seed sowing is now entirely suspended, but suitable weather will offord opportunities to continue pruning and transplanting; for now is the season for pruning all sorts of apples, pears, plums, and other fruit trees, the young wood of which should be shortened back one-third of its length, and all the weaker shoots spurred in, removing every branch which either crosses another or seems to interfere with the symmetrical form of the tree. Excessive pruning, however, which new comers are too apt to indulge in, ought not to be allowed; for severe pruning only fills a vigorous tree with a rush of young wood instead of fruit, thus proving that pre-acquired home ideas of pruning are too often, in New Zealand, very much at fault.

The transplanting of all sorts of fruit trees may be continued; and the present is also a suitable season for the planting of all sorts of forest trees, evergreens and ornamental shrubs, and also for thorns, privets, sweet-briars, and other plants suitable for hedges, as well as such of the native shrubs and trees as are known to bear removal. These are all best transplanted at this season; for dull days, a moist atmosphere, and occasional rains, may be all regarded as circumstances favourable to successful transplanting.

Now is a suitable season to commence planting eschalots, garlic, and potato or underground onions, first manuring and digging the ground, then laying it off in beds four feet in width, with four rows in the bed, and from seven to nine inches from set to set. The bed may then be topped off with a thin covering of wood-ashes—a material in which all bulbous roots, whether useful or ornamental, seem to luxuriate.

New plantations of rhubarb may now be made. The usual mode is to plant two rows in a bed four feet wide, and two feet apart in the rows.

Asparagus beds may now be formed, not in the costly manner often resorted to in England, but by amply manuring and digging a piece of good land, then marking it off in four-and-a-half-feet beds, on each of which plant three lines of one-year-old roots at nine inch distance, then shovel from the intervening paths just sufficient soil to cover the crowns of the plants, then give a heavy dressing with salt, and finish off with a covering of six inches of well-decomposed manure. Beds so planted will yield several good gatherings the second summer after planting, and from the third season will afford an abundant supply of this delicious vegetable, which in no portion of the world is produced in greater perfection than in New Zealand.

Flowering bulbs, such as crocuses, snow-drops, jonquils, hyacinths, narcissus, and tuberous-rooted plants such as anemones and ranunculus, and even more fibrous-rooted plants, like lily-of-the-valley and other convallarias, should now be planted; for the early spring blossoms of these lend to the flower borders their first attraction, and when judiciously bleuded with the choicer sorts of autumn sown annuals, are capable of awakening in every true lover of floral beauty a deep feeling of admiration.

Recently planted trees and shrubs of large size, to insure their greater stability, may possibly now require to be staked or otherwise supported, for strong south-westers, accompanied with drenching rains, have a tendency to lay over newly-planted trees, thereby breaking their recently formed roots, which careful staking will entirely obviate.

Maintain in the greenhouse as dry a temperature as the character of the weather will allow, taking advantage of every fine day to give plenty of air.

Vines which have fully ripened their wood, and from which the grapes have been gathered, will now require to be pruned; this will be best performed by spurring into two eyes each of the side-shoots, and shortening the leading cane to one-third of its length. The outer rough bark, presenting a ragged appearance on the old wood of the vine, may now be removed, after which every inch of the vine should be effectually brushed with a hard brush, so as to dislodge the existence of insect life, which usually harbour beneath the loose bark of the vine, in a state of torpor, during the dormant months of winter, ready to emerge into active life with the first warm weather of early summer.

Choice plants standing upon grass lawns may now require some degree of protection, to enable them to withstand the severity of the frosts which occasionally prevail during this and the succeeding month.

Where the plants to be protected are of moderate or of small size only, the simplest means of protection is a canvas awning in the form of a pyramid, sufficient to cover the plant; or a still simpler means is to place stakes around the plant to be protected, meeting them at a point above its top, and filling in, over, and around the plant with dry fern.

#### JULY:

... Mysterious round! what skill, what force divine Deep-felt in these appear! a simple train, Yet so delightful mixed, with such kind art, Such beauty and beneficence combined.—Thomson,

Winter Frosts—Sow Peas and Beans, Cress, Mustard, Radish, and Spinach—Commence Planting Early Potatoes—Pruning and Transplanting Fruit Trees, Shrubs and Hedge Plants—Beds for Rhubarb and Asparagus—Remove Sea-Kale—Manure—The Flower Garden—Plant Bulbs, &c.—Prune and Transplant Roses—Sow Sweet Peas and Mignonette—Flowering Bulbs in Greenhouses—Dress Vines to destroy Insects—The Care of Shrubs, Lawns, Borders, and Walks.

WE are now in the depth of winter, and must be content with occasional rains, alternating with bright days, succeeded by sharp frosts at night, which usually attain their greatest intensity between the beginning and middle of the month. These, however, are not more severe than the frosts of an English November, and are just sufficiently sharp to produce a clear, healthy, bracing atmosphere. Such weather, of course, seldom interrupts the ordinary seasonable operations of gardening; for even now we begin to anticipate approaching spring, by commencing to sow peas and beans on all light dry sandy soils, the earliest sown crops of these being by far the most productive, especially when sown on land which has been under repeated cultivation.

It is also desirable to risk a small sowing of cross, mustard, radish, and spinach at this season, although these sowings are less to be depended upon than those made during succeeding months.

Even now the planting of early potatoes may be commenced, provided due precaution is taken to plant only on perfectly dry land not liable to become flooded; for wherever surface water stands after heavy rains the sets of newly-planted potatoes are sure to perish. Indeed, the only object gained by planting thus early is the lightening of duties at a more advanced and busy period of the season.

Continue the pruning and transplanting of fruit trees as previously directed, as well as ornamental trees, evergreen shrubs, thorns, and other plants suited for hedges.

The formation of beds and mode of planting, advised in last month's calender for rhubarb and asparagus, may be successfully continued. The present is also a season suitable for the removal of the roots of sea-kale, which may be planted in beds five feet in width, with three rows in each bed, and two feet distant in the row; after which the crowns may be covered with six inches of sea-weed, or well-rotted stable manure—the former being preferable; for both sea-kale and asparagus, being submarine plants, retain, even under garden cultivation, their predilection for salt and sea-weed.

Established beds of sea-kale may now be forced into early growth by the application of fermenting stable manure, which will excite an immediate growth, thereby affording an abundant supply of this delicious vegetable in from twenty to thirty days from the time of covering in. For later crops, however, and especially where forcing appliances are not conveniently obtainable, it may readily be produced in high perfection by simply covering the crowns with from nine to twelve inches of light dry soil taken from the paths of the beds on either side, and thrown over the crowns, through which the stems will stretch themselves until they reach the surface, when, by clearing away the soil, they will be found to be nicely blanched and fit for gathering.

In flower gardening, continue the planting of bulbs and other flower roots; the subdivision and increase of herbaceous flowering plants; the pruning and transplanting of roses, and other similar hardwooded flowering plants. Make the first sowing of sweet peas for early blooming, and even now you may risk the first sowing of mignonette.

Proceed with the continued preparation of land digging or trenching for the further planting of fruit and forest trees, for very much of their after-success depends upon a reasonable amount of preparation of the land in which they are permanently to stand. The planting of trees may be continued, selecting weather during which neither sharp frosts nor excessive rains unduly prevail.

The gaiety of the greenhouse in early spring may be secured by the introduction of pots of early flowering bulbs, such as crocuses, snowdrops, anemones, ranunculus, hyacinths, lily-of-the-valley, together with early blooming heaths, spacrises, and gayest of all the Chinese primrose, in white, pink, and fringed varieties; these of themselves, if introduced in profusion, will enliven the dull months of winter and early spring, and impart to the greenhouse an attractive and progressive gatety, increasing with the progress of the season. Vineries, when early forcing is not resorted to, require little care at this season beyond painting the vine, to destroy any remaining traces of insect life. These having been previously pruned and well brushed, paint them all over, from top to bottom of their stems, with a liquid composition of soft soap, sulphur and camphor, dissolved in spirits of wine, with the addition of some common elay; all of these may be mixed and made to the consistency of cream by the use of tobacco water, and if this be applied with a painter's brush, it will effectually destroy the spider, brown scale, and other insects destructive in a more or less degree to the fruit and foliage of the vine, the depredations of which are easily prevented by resorting to this timely precaution.

Grass lawns and shrubbery beds and borders usually receive attention at this season in the way of repairing, by taking up and re-laying portions of the lawn which are unlevel, by neatly edging the margin of all beds and borders, and with equal care all gravel walks surrounding or crossing any portion of the lawn; for ornamental gardening can only be deemed worthy of the name where neatness and order are regarded as first considerations.

## AUGUST.

Come, gentle Spring, ethereal mildness, come, And from the bosom of yon dropping cloud, While music wakes around, veiled in a shower Of shadowing roses, on our plains descend.—Thomson.

Commencement of Spring—Changeable Weather—Sowing, Digging, Pruning and Planting—Onions—Spring Salading—Spinach—Curled Parsley for Edgings—Sow Cabbages, Cauliflwers, &c.—Transplant Rhubarb, Asparagus, Sea-kale, and make fresh sowings—Early Cucumbers, Melons, Celery, Capsicums, and Tomatoes—Haston deferred Planting of Fruit Trees—The Flower Garden—Sow Sweet Peas, Mignonette, &c.—Transplant Sweet Williams, Stocks, Daisies, Wallflowers, Primroses, Violets, &c.—Re-pot Greenhouse Plants—Fork Vine Borders—Prune in Ornamental Trees and Shrubs.

From the beginning of August we date the commencement of spring, which exhibits closely the changeable characteristics of an English February, especially from the beginning to the middle of the month. One day is warm and pleasant, with a soft, mild, and spring-like atmosphere; a second is cold and bracing, with sharp morning frosts; whilst a third is cold, wet, and stormy. After which, several delightful days may succeed, rapidly exciting vegetation, and fully indicating the presence of spring, as further exemplified by the swelling buds of gooseberries and thorns, and by the re-appearance of crocuses, snowdrops, and other early spring flowering bulbs, whose return reminds us that the season is at hand for renewed exertions in sowing, digging, pruning, and planting, as often as favourable weather and a suitable condition of the soil may afford proper opportunities.

Although early autumn sown onions produce by far the largest and finest bulbs, yet a fine crop may still be obtained by sowing at once in beds four and a half feet in width, and from five to seven rows in each bed, covered with finely raked or sifted soil; although wood ashes, if conveniently obtainable, are better than either.

Onions ought to be sown considerably thicker than most other vegetable seeds, from their peculiar liability to failure.

Early peas may now be generally sown in rows from one to four feet apart, the distance being regulated by the habit of the variety; that is, whether dwarf or tall; though the strong winds of midsummer, taken in connection with the scarcity of pea-stakes, must ever insure for the most dwarfed sorts a decided preference.

Four of the best of these are early dwarf, emperor, early queen of dwarf, Lord Raglan, and late dwarf blue imperial; and three of the best of intermediate height are Fairbeard's early surprise, Woodford's green marrow, and blue Prussian; and three of the best of the very tall varieties are, the alliance, the champion of England, and the ne-plus-ultra.

Broad beans may now be generally planted in lines across the garden squares, twenty-four inches asunder; the lesser sorts, like the early mazagan, two inches; and the larger varieties, like the Windsor, four inches apart. Three of the best varieties are long-pod, green Windsor, and broad Windsor, the latter being generally esteemed the best.

A first sowing of early short-horn carrots may now be made, though some risk of the crop starting prematurely to seed always attends the early sowing of this vegetable.

Parsnips sown this month grow larger and finer than later crops. They are usually sown in beds four and a half feet wide, with four rows in each, and afterwards singled out so as to stand about seven inches apart.

Cress, mustard, radish, and lettuce, for spring salading, may continue to be sown at fortnightly intervals.

Spinach may now be sown in rows ten inches apart, and a similar distance may be allowed to such of the thinnings of last month's sowing as may now be becoming fit for transplanting.

Curled parsley—either as an edging to garden walks, or for the purpose of defining the backs of borders—may now be sown in continuous lines.

Seeds of cabbages, cauliflowers, broccoli, savoys, Brussels sprouts, and curled greens, to produce early spring plants, may now be sown; and autumn-sown plants of each of these varieties now fit for removal may be at once transplanted.

Rhubarb, asparagus, and sea-kale may be sown, and last year's roots of each, where not already done may yet be safely transplanted. First sowings, on a slight hot-bed, of early cucumbers and melons, celery, capsicums, and tomatoes, may now be made, at this early period of the season, to be forced into growth by the aid of artificial heat.

Apples, pears, plums, cherries, peaches, nectarines, figs, gooseberries, currants, raspberries, and strawberries should now be planted as soon as possible; for the increasing strength of the sun's rays is daily becoming less favourable to a high degree of success. Sweet peas, mignonette, and the numerous varieties of hardy or half-hardy annual, biennial, and perennial flower seeds should at once be sown; and plants of sweet-williams, stocks, wallflowers, daisies, primroses, violets, and many other plants of a similar class can now be successfully transplanted.

Returning spring suggests the necessity for renewed activity in all matters relating to greenhouse cultivation; first, however, amongst the more pressing duties of the season, will be that of shifting to large flower-pots all plants requiring additional pot room to enable them to increase their growth, and to perfect their bloom. For this purpose, flower-pots at least twice or three times the size of those the plants now occupy should be well drained with broken flower-pots or small pieces of brick, and the plants potted in these in a mixture of something like good garden soil of a rich black loam, to which one-third of well decomposed manure has been added.

After potting, re-arrange the plants in the greenhouse, shading slightly from the brightness of the mid-day sun, and sprinkle freely with slightly diluted water every morning and evening for one week, throughout the whole of which abstain from giving any water at the roots.

Vines may now be carefully trained and tied in to their proper positions; the outer borders may be freshly forked up, and the inner borders loosened and well drenched with water. The temperature of the house may be increased by reduced ventilation, and by closing in the vinery early every afternoon with a warm moist atmosphere.

Shrubs and trees standing upon grass lawns or growing on shrubbery beds and borders will, in numerous instances, require pruning in; for on good land, where the growth is rapid, plants not unfrequently become too large for any but shrubberies and lawns of spacious extent. Plants ought, therefore, to be kept in due proportion to the extent of lawn by heading back every spring, by which, if properly done, their symmetrical form will be maintained, their relative proportions fairly balanced, their bloom strengthened and greatly increased in profusion.

#### SEPTEMBER.

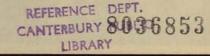
Man marks not Thee, marks not the mighty hand
That, ever busy, wheels the silent spheres;
Works in the secret deep; shoots teeming thence
The fair profusion that o'erspreads the spring;
Flings from the sun direct the flaming day;
Feeds every creature; hurls the tempest forth;
And, as on earth this grateful change revolves,
With transport touches all the springs of life,—Thouson.

Spring—Exuberant Vegetation—Sow Onions, Leeks, Carrots, Parsnips, Beet, Cabbage, Lettuce, Peas Broad Beans, &c.—Broccoli, best sorts,—Sow Turnips—Plant in a Hot-bed Cucumbers and Melons—Also, Tomatoes, Capsicums, &c.—Plant out Celery—Sow Annual, Biennial and Perennial Sweet and Pot Herbs—Continue to transplant Rhubarb, Asparagus, Sea-Kale, Horse Radish, and Artichokes—Grafting Fruit Trees—Transplanting—The Flower Garden—Fumigation of Greenhouse—Vinery—Attention necessary to Lawns, Walks, and Borders.

Advancing spring comes, heralded by brighter days, increasing warmth, expanding buds, opening blossoms, and renovated life, invigorated by gentle showers or refreshing dews, which deck the plain with herbage and its gardens with exuberant growth, lending to spring a charm which gladdens every heart, and fills every mind with a grateful sense of new-born joy.

The progress of the season urgently requires that any of last month's gardening duties, which may have been unavoidably omitted, ought now to claim immediate attention before the return of the drier weather of the succeeding month. If, therefore, circumstances are favourable, the early portion of September will be chosen either to commence first or continue former sowings of onions, leeks, carrots, parsnips, red beet, cabbage, cauliflower, savoys, Brussels sprouts, curled greens, spinach, parsley, mustard, cress, radish, lettuce, and endive, together with two or more successional sowings of peas and broad beans. The present is also a suitable time for sowing celery on the open border for late crops, succeeding that which was recommended to be sown last month on a slight hot-bed.

Any time this month may be chosen for sowing all the varieties of flowering broccoli. The best sorts are the early white cape, the Walcheren, the imperial white winter, Snow's superb white, and the white mammoth. These varieties will afford a succession of fine broccoli for daily use from the time cauliflowers cease to produce in autumn until their return, about the end of November.



Three small successional sowings of early white stone turnips may be made between the beginning and the end of the month—a repetition of the sowings being needful, lest the first should happen to start off prematurely to seed, which is quite a usual occurrence with the first early-sown crops of carrots and turnips.

Another slight hot-bed may now be made, upon which to plant the cucumbers and melons sown last month, and to carry on growing tomatoes, capsicums, balsams, cockscombs, and globe amaranths, or any other seeds which are benefited by a gentle bottom heat.

The celery sown on a hot-bed last month may now be gradually inured to exposure, and when sufficiently hardened off, may be thickly planted out in a moist, shady situation, and very frequently watered until finally transplanted, as directed in the January calendar.

The various annual pot-herbs may now be sown—such as summer savory, sweet marjoram, sweet basil, bush basil, and marigolds; and either the seed may be sown, or last year's plants transplanted of such biennial and perennial sweet and pot-herbs as thyme, sage, winter savory, pot-marjoram, balm, borage, spear-mint, peppermint, hyssop, and lavender; and of such as bear the reputation of possessing medicinal virtues—such as rosemary, feverfew, penny-royal, camomile, and horehound.

The roots of rhubarb though now beginning to unfold their leaves, may still be safely transplanted, especially when lifted with a ball of soil adhering; and the roots of asparagus, sea-kale, horse-radish, globe and Jerusalem artichokes will also still bear removal with equal certainty of success.

It is now the season to commence grafting, as the sap is beginning to move. Commence first with those fruit trees which come earliest into leaf, as cherries and plums. The latest kinds in leafing are pears and apples, which are generally not grafted until nearly a fortnight after the cherry. This is also the proper time to graft oranges; choose for a stock the Sevilie orange, as being the most hardy, durable, and robust grower. As directed in the previous month, the scions should be taken off and laid in; for grafting always succeeds best when the sap of the stock is in a more forward state of activity than that of the scion. Observing the performance of the operation of grafting is better than any other mode of teaching it. The young trees to be worked, technically called "the stocks," are "cut over" near the ground. Firstly, clear away a little of the soil from the base of the stock, as it is desirable to place the graft as low down on the stock as possible. Secondly, having a sharp knife, make a smooth cut on one side of the stock, just sufficient to fit the diameter of the scion, and about 1½ inches long, and slightly penetrating the wood. Next, make a slit downwards from the top on the smooth cut side of the stock about a quater of an inch deep. Cut the scion of a length corresponding to the length of the cut on the stock, and cut the lower end of the scion obliquely at one cut, to fit the stock, and make in it a cut similar to that in the stock. Lastly fix the stock and scion together, and fit the inner edges neatly, so that the bark of each shall be in contact. Tie them firmly together with worsted or bass in the desired position, and cover the graft with prepared clay, made by beating it up with short hay; earth up with soil nearly to the top bud of the scion, thus greatly promoting the union by keeping the clay in a moist state. There are many kinds of grafting, but this method is the one most practised.

The Transplanting of gooseberries, currants, raspberries, strawberries, apples, and other fruit trees, as well as forest trees, should by the end of the month be completed for the season; for the parching northwest winds which sometimes blow at intervals from the beginning or middle of October are unfavourable to the re-establishment of lately-removed fruit and forest trees.

The seeds of sweet-peas and mignonette may continue to be sown for successional bloom, with all the numerous sorts of hardy or half-hardy annual, biennial, or perennial flower seeds. Early in the present month is also a suitable season for the planting of roses, fuchsias, hollyhocks, dahlias, chrysanthemums, pinks, carnations, and many other varieties of similar ornamental herbaceous flowering plants, which, in their season, impart to the flower borders a pleasing gaiety and fragrant perfume.

Greenhouse plants re-potted last month will, every fine day, require to have an abundance of air, so as to secure a healthy, vigorous growth—an important point in the successful culture of greenhouse plants to be aimed at, and deemed of quite as much importance as a profusion of bloom itself, and under proper treatment, of very easy atainment, by a rigid adherence to the usual rules which govern successful cultivation; these mainly consist in profuse ventilation, frequent watering in bright weather, a moist atmosphere, secured by frequent sprinkling, together with an absence of the greenhouse insect pest, known by the common name of green fly, the removal of which is easily effected on its first appearance by syringing overhead with tobacco water, or by fumigating with tobacco smoke, either of which will be found perfectly effectious.

Vineries which were closed in last month, and assisted with a little fire heat, will now be starting fast into renewed growth; the buds of the vines will break more evenly, as the first bursting of the buds is usually termed, by frequent daily syringing with tepid water, which will, at the same time, create within the vinery a warm moist atmosphere—conditions of early culture in which the vine delights to luxuriate.

Grass lawns, walks, and verges will now have grown sufficiently to require their first mowing, rolling, and sweeping. If each of these operations is carefully and well performed upon this occasion, the lawn will be much more easily mown and kept neat throughout the summer. All beds or borders, standing on grass lawns, which were dug during autumn or winter, will now require to be neatly raked, so as to fit them for the reception of annual and biennial flower seeds.

## OCTOBER.

The garden glows, and fills the liberal air With lavish fragrance: while the promised fruit Lies yet a little embryo, unperceived Within its crimson fold.—Thomson.

Close of Spring—Nor'-Westers—Sow Broccoli, Cellery, Parsley, Greens, Cauliflowers, &c.—Turnips, Spinach, Cress, Mustard, Radish, Lettuce Endive, Beet—Sow Onions for Drawing Green—Sow and Transplant Cabbages—Sow Carrots, Parsnips, &c.—Commence Sowing French Beans—Mould up Cucumbers and Melons on Hot-beds—Pot off Tomatoes, Capsicums, Balsams, &c.—Sow hardy out-of-doors Cucumbers, Melons, Pumpkins, Vegetable Marrows, &c., in sheltered spots—Water Strawberries and Rhubarb—Continue to Sow hardy Flower Seeds—Water Hyacinths, Anemones, &c., &c.—Greenhouse and Vinery—Flower Beds and Borbers on Lawns.

Spring closes with the end of the present month, whilst showers and refreshing dews recur at longer intervals—not merely giving place to the warm, dry weather, which now commences, but even to occasional dry north-west winds, which sometimes begin to blow with considerable violence even so early as October. These, however, are of unfrequent occurrence, and rarely of more than a few hours duration.

A knowledge of this circumstance ought, however, to stimulate every prudent cultivator to use his utmost exertions to complete the necessary sowing and planting of all crops either omitted last month or necessary to be sown during the present.

Continue, therefore, the sowing of flowering broccoli, adhering to the varieties previously recommended. Early in the month make a final sowing of Seymour's superb white or Manchester red celery, and also sowings of curled parsley, globe savoys, Brussels sprouts, curled greens and cauliflowers. Make successional sowings of early white stone turnips, spinach, cress, mustard, radish, lettuce, endive, and red beet. Even onions may still be sown; more, however, for the purpose of drawing green throughout the summer and autumn, and thus saving the bulbs of the earlier and better crops. The varieties of early and late cabbages may also be sown, and during showery weather the early spring-sown plants of each may be advantageously transplanted. Carrots, parsnips, salsafy, and scorzonera may still be sown; and now is a suitable time to commence first small sowings of scarlet runners and dwarf French beans. These first sowings are not, however, to be relied upon; for some seasons it happens that a long period of fine weather may be succeeded by a single chilly night, accompanied with a light hoar frost, by which the first crops of scarlet runners, French beans, and some other tender plants are partially swept off; hence the necessity for successional sowings.

Cucumbers and melons planted on a hot-bed last month will now require to be finally moulded; and to render them abundantly fruitful they ought to be stopped at every second joint, and sprinkled with water on the afternoon of every warm day, closing them in early with a moist, warm atmosphere. Tomatoes and capsicums, balsams, cockscombs, and amaranths sown in August and September will now need to be potted off singly.

Towards the end of this month the out-of-doors hardy ridge cucumbers, water-melons, pie-pumpkins, gourds, vegetable marrows, and late tomatoes may be sown within any sheltered enclosure. All of these are very tender, and, where proper conveniences exist, it is the safest plan to sow them in flower-pots, placed either in a glass frame, or within the window of a dwelling-house, until the seeds have germinated, and the plants are about an inch in height; after which they may for a few days be gradually inured to exposure, by placing them out during the day, and keeping them in at night; and when thus sufficiently hardened off, they may be planted out in any warm, sheltered situation, and for a time slightly protected by a temporary covering at night.

Strawberry plants bloom much more vigorously when frequently watered during dry weather. The seed-stems of rubarb and sea-kale exercise a very exhausting power over the roots, and should all be cut away as soon as perceptible; rhubarb will be greatly benefited by frequent heavy waterings. Some of the finest rhubarb yet grown in Canterbury was produced after repeated drenchings with soap suds.

Flower-seeds of all the hardy and half-hardy annuals may still be sown; and now is a suitable time to commence sowing the more tender varieties, such as convolvolus major, tropecolum canariense, petunias, nasturtiums, and out-of-door balsams. These and other similarly delicate kinds liable to suffer from hoar frosts may, with tolerable safety, be sown towards the end of the month on the open borders.

Hyacinths, anemones, ranunculuses, and other bulbs now in flower will have their blooming period greatly prolonged by frequent watering and shading from the overpowering brightness of the mid-day sun.

Successful culture of potted plants during the previous months of spring will now begin to clothe the greenhouse with healthy foliage and a profusion of beautiful bloom, the gaiety of which will richly reward the cultivator's earnest anxious exertions, who will now begin to water more freely at the root, and more sparingly over head; for water sprinkled over blooming plants extracts the delicate colours of the petals, washes off the handsome pollen which not unfrequently adornes the anthers and stigma of the flowers, and hastens more rapidly to decay the too evanescent beauty of handsome flowers, which a drier atmosphere would possess the power of greatly prolonging.

Vines under glass, aided with a moderate amount of fire-heat, will now be bursting into foliage, and will, at this stage of their growth, require constant attention in the displacement of irregular growths, the reduction of all side shoots to one only on each spur, and the stopping of these, one joint before the bunch, by pinching out the top with the finger and thumb. The leading shoot should also be carefully tied in, and then stopped between the sixth and tenth joints of its growth; successful grape culture depends, in a very large degree, upon preventing the growth of useless wood, for the energies of the vine ought to be entirely concentrated upon the production of large, high-flavoured fruit.

Continue to maintain a warm, moist atmosphere, syringing with water of the same temperature as the house, and closing early every afternoon.

All flower beds or borders occupying a position upon or standing by the margin of grass lawns, should now be fully planted with greenhouse and other plants well suited for summer decoration, such as geraniums, verbenas, calcolarias, cinerarias, fuchsias, heliotropes, carnations, and hybrid perpetual roses in pots; all of these, with a fair proportion of blush and dark China roses judiciously blended, will maintain throughout the whole of the summer and autum a great profusion of bloom, combined with a pleasing diversity of colour and very enjoyable perfume.

#### NOVEMBER.

From brightening fields of other fair disclosed, Child of the sun, refulgent summer comes, In pride of youth; and felt through Nature's depth, He comes attended by the sultry hours And ever-fanning breezes.—Thomson.

Summer-Plant Scarlet Runners and French Beans, Turnips, Swedes for Winter use, Spinach, Peas, and Broad Beans-Watering-Sow Cress, Mustard, Radish, Endive, and Lettuce-Transplant Spring-sown Cabbages-Plant out Vegetable Marrows, Melons, &c., sown in Pots-Regulation of Fruit Trees, Raspberries, Strawberries—The Flower Garden-Training Greenhouse Climbers—Temperature of Vinery-Plants in Ornamental Borders.

SUMMER commences with November, and, although its general character may incline to warm, dry weather, yet the ground is not unfrequently cooled, and trees, plants, and seeds greatly refreshed, and rapid growth in each encouraged by occasional copious rains, which stimulate vegetation in a very remarkable degree, and afford suitable opportunities for continuing the sowing and planting of some sorts of vegetable crops, first amongst which scarlet runners will claim attention, two or more successive sowings of each of which ought to be made during the commencement of the month.

Successional sowings of white stone turnips may continue to be made; for, to have these in perfection, it is best to make frequent small sowings, using the roots only when they are young and tender; Swede turnips sown now will be fit for use in winter; for although they are usually considered a field crop, they are also a very excellent winter vegetable.

Further supplies of spinach and repeated sowings of peas and broad beans may continue to be made; should the soil happen to be dry at the time of sowing any of these crops, it is an excellent plan, after the drills have been formed, to run a potful of water along the bottom of each, immediately after which the seeds may be sown and covered in. This is a much better and more natural plan than steeping seeds, and the ground will retain the moisture thus imparted better than by surface watering, whilst the germination of the seeds will be considerably accelerated thereby. Crops, however, which have recently been sown will be greatly benefited by repeated surface-waterings during dry weather. This assertion, I am aware, is sometimes challenged by the inexperienced and unobservant.

Successional sowings of cress, mustard, radish, endive, and lettuce can be continued. Spring-sown early and late cabbages can be transplanted, and additional sowings made; any other sorts of winter greens fit for removal may now begin to be transplanted, care being taken to select suitable weather and a fit condition of the soil.

Vegetable marrows, cucumbers, gourds, pumpkins, water-melons, and tomatoes, raised in pots, as previously directed may now, if ommitted last month, be planted out in a sheltered situation; each of which, except the tomatoes, may be planted in threes, each three standing about a yard apart. The first few days after removal they should be constantly shaded, and frequently watered. Tomatoes may be planted at the bottom of a paling, to be trained against it, or in continuous lines across the garden, twelve inches distant in the line, and to be ultimately supported by branches similar to pea-stakes; or bricks may be placed upon the surface, and the plants pegged down upon them, the radiating heat from which rapidly ripens the fruit.

Fruit trees, especially vines, peaches, and nectarines, are liable to produce more young wood than is either favourable to the future production of fine fruit, or conductive to the general vigour and symmetry of the tree. Pinch out, therefore, with the finger and thumb, all seemingly superabundant shoots, leaving only such as are likely to leave the tree symmetrical and well-proportioned.

Established raspherries, especially on a hot, dry soil, are liable at this season to throw up numerous suckers, which should either be frequently cut with a garden hoe or very carefully lifted with a fork; for they are produced at the expense and to the great injury of the parent fruit-bearing plants, at the bottom of each of which from three to five young shoots, left for next year's fruit-bearing canes, are amply sufficient.

Strawberries out of bloom should have frequent liberal waterings, to assist them in swelling their fruit

Flower gardens should be neatly hoed and raked, and sweet peas, Brompton stocks, dahlias, hollyhocks and other tall growing plants, will now require to be staked or otherwise supported; whilst all the other dwarf-growing and choicer sorts of flowers will have their brilliancy of colour and duration of bloom greatly prolonged by frequent shading and watering.

The green-house will now be profusely gay with all the rich and gaudily-coloured flowers which geraniums, fuchsias, and verbenas in a full blaze of bloom can impart, brought out in contrast and heightened in effect by the gaiety of numerous other flowering plants, exhibiting every shade of colour as well as a large diversity of foliage.

The duration of this display will be best maintained by watering freely at the root only, by airing largely every calm day, and by shading the house slightly from the brightness of the mid-day sun.

Climbing plants, growing up the rafters and columns of the house, will require frequent pruning and training, so that the beauty of their gay blossoms may not be obscured by the density of over-crowded leaves and branches.

Vineries will require a rigid adherence to instructions previously given with reference to temperature, moisture, and ventilation, increasing, however, the two first conditions of culture, and reducing the third as the vines enter upon the critical stage of blooming and setting their fruit; a high moist temperature and somewhat close atmosphere will favour the setting of all the varieties of grapes, and will be found to be completely indispensable to the Alexandrian and cannon-ball muscats, as well as several other of the imperfectly setting but higher flavoured varieties.

Stop all lateral shoots at the first joint, and tie up with care every branch which has fruit to support, and permit no more than one bunch of grapes to each branch.

Flower beds standing upon grass lawns, which have been well filled with flowering greenhouse plants, now starting forth into vigorous growth, will not only require at this season frequent watering, but also continued attention to tying and staking; for rapid growing, soft-wooded plants, like dahlias, are liable to be broken with the wind unless supported by strong stakes and tied in at least once every week; care being taken to bind very loosely, so as to allow room for the growth of the daily-swelling stems, which require ample room for expansion.

## DECEMBER:

Be gracious heaven! for now laborious man Has done his part. Ye tender showers descend! And temper all, thou world-reviving sun, Into the perfect year!—Tromson.

Midsummer—Luxuriant Vegetation—Budding Fruit Trees—Garden Employment—French Beans— Radishes, Lettuce, &c.—Sow Swedes—Plant out Cabbages, Cauliflowers, &c.—Turnips—Winter Greens—The Flower Garden—Christmas Fruit and Flowers—Greenhouse Plants out of bloom— Thinning Grapes—Trim Lawn and Shrubbery Hedges.

MIDSUMMER begins with the commencement of the present month, which is especially the season of luscious fruits and beautiful flowers. The trees also rejoice in their leafy pride, the fields luxuriate in the abundance of their verdure, and animated nature is full of life and enjoyment.

Exuberant growth in gardens everywhere prevails, and especially amongst fruit trees, which now require to have both the fruit and young growths properly thinned; the rapid growths of the stocks of fruit trees and roses fit them for commencing the operation of budding, care being always taken to select for the operation a showery or cloudy day.

The season for seed sowing is now so far advanced that the chief gardening duties of the present month will be the care rather of those crops we have sown, than of the few we can still successfully commit to the ground; for, although such as peas and beans may be sown, yet the crops they are likely to produce will not be quite equal to those sown last and previous months; and although they produce equally well, yet a considerable portion of the pods are liable to be destroyed by a caterpillar abounding at this season.

French beans and scarlet runners may be planted, and additional sowings of radishes, lettuces, cress and mustard, may be continued; but the chief crops which claim attention this month are turnips, a large breadth of which should now be sown for winter use. The yellow Swede, for use as a vegetable, should be sown as early as possible in December, and the yellow and white garden varieties about the end of the present and beginning of the ensuing month.

The earlier part of the present month is usually characterised by frequent showers, of which advantage should be taken to plant out cabbages, cauliflowers, savoys, Brussels sprouts, and flowering broccolis, all of which ought now to be extensively planted; for upon the exertions made at this season the limited or plentiful supply of winter vegetables will entirely depend.

Flower borders should now be exhibiting a profusion of roses, fuchsias, geraniums, pinks, carnations, stocks, and sweet-williams, with many sorts of flowering bulbs and numerous varieties of lovely annuals; and though at Christmas we can neither suspend "mistletoe boughs" from the ceiling of our dwellings, nor display bunches of holly-berries, yet by the time of its arrival we shall be able to pile our tables with delicious strawberries, and revel amid the fragrance and beauty of wreaths of blooming roses-luxuries which the noblest and wealthiest of England's aristocracy cannot at this season obtain.

Greenhouse plants which have done blooming may now be removed to a cold frame, or placed under the shade of a wall or fence having a southerly aspect. The removal of these from the shelves of the house will afford room for the introduction from the melon and cucumber frame of such handsome flowering tender and other annuals, in pots, as balsams, cockscombs, globe amaranths, white and purple egg plants, phlox, drummondii, humea elegans, gallardia picta, blue nemophila, coreopsis drummondii, sensitive plant, and other similarly ornamental and interesting varieties, all of which will add greatly to the attractions of the greenhouse, and aid materially in maintaining its continued gaiety throughout the whole of the summer and some of the months of autumn.

Vineries in which the grapes are fully set may now receive air much more freely, and fire heat ought to be entirely suspended, unless early grapes are desired, for the fruit, from this stage of its growth, will swell to a larger size under the genial influences of a well-regulated temperature produced by sun-heat only. Air freely, therefore, every fine morning as soon as the sunshine sensibly raises the temperature of the house; seorched foliage-a too frequent defect-will thus be avoided, which results only from neglected morning ventilation.

As soon as the grapes have attained to a size similar to very small peas, commence slightly raising and supporting the shoulders of the bunches; after which thin out with a pair of grape-thinning scissors a full two-thirds of the unequal sized berries, thus leaving those which remain full room to swell to a large size; for the free use of the thinning scissors is an inevitable necessity when large well-coloured fruit is desired.

Close in the vinery early every afternoon, syringing freely overhead, thus securing a warm humid atmosphere, highly favourable to the health of the vines, and very largely conducive to the production of fine fruit.

Ornamental hedges bounding grass lawns and shrubberies will now have made growth sufficiently long to require close trimming in, for all such screens, which are intended not merely for shelter but also for ornament, ought to be neatly trimmed at least twice every year. The hedge will thus very soon acquire a desirable density and neatness of appearance, thereby blending both the advantages of improved shelter and greater ornament, two very desirable acquisitions, both of which tend greatly to increase the enjoyment derivable from ornamental gardening.

## REGULATIONS

#### FOR THE

DISPOSAL, SALE, LETTING, AND OCCUPATION OF THE WASTE LANDS OF THE CROWN IN THE PROVINCE OF CANTERBURY.

1. All Regulations now in force in the Province of Canterbury for the sale, letting, disposal, and occupation

of the Waste Lands of the Crown are hereby repealed.

2. All such waste lands shall, from and after the day on which these Regulations shall come into force, be

sold, let, disposed of, and occupied according to these Regulations, and not otherwise.

3. Every Act which the Superintendent is hereby authorised or required to perform, he shall perform solely in accordance with the advice of his Executive Council for the time being, and such advice shall be recorded on the

#### II.-THE WASTE LANDS BOARD.

4. There shall be established a Board, to be called the Waste Lands Board, to consist of one Chief Commissioner, and of not less than two nor more than five other Commissioners, all of whom (except such one as shall be appointed to act as Treasurer) shall be appointed and be removable by warrant under the hand of the Superintendent.

5. One member of the Waste Lands Board shall also be the Treasurer thereof, and such member shall be

appointed and removable by the Governor.

appointed and removable by the Governor.

6. The Waste Lands Board shall sit at the principal Land Office of the Province, at certain stated times to be determined by the Superintendent, and shall also sit for special purposes at such places and at such times as the Superintendent shall direct; of which sittings due notice shall be given in the Provincial Government Gazette, and

one or more newspapers published in the Province.
7. The Chief Commissioner, when present, and in his absence then some member selected by those present at any meeting of the Board, shall preside thereat, and shall have a casting vote in all questions coming before the

any meeting of the Board, shall preside thereat, and shall have a casting vote in all questions coming before the Board.

8. All questions coming before the Board shall be decided by a majority of the Commissioners present thereat.

9. All meetings of the Board shall be attended by at least three Commissioners, and shall be open to the public.

10. All applications for Land and for Pasturage and for Timber Licenses shall, after hearing evidence, when necessary, be determined by the Board at some sitting thereof.

11. The Board shall have power to hear and determine all disputes between the holders of Pasturage and Timber Licenses respecting the boundaries of runs and districts, and shall have and exercise all the powers which may be lawfully had and exercised by any Commissioner of Crown Lands, under the provisions of the "Crown Lands Ordinance, Sess. XI., No. 10.

12. All the routine business of the Land Department shall be transacted by the Chief Commissioner, subject to such regulations as may be made by the Board in that behalf.

13. A book, to be called the "Application Book," shall be kept open during office hours at the Land Office, in which the name of every person desiring to make any application to the Board shall be written in order by himself, or any person duly authorised on his behalf; and the Commissioners hall, during the sitting of the Board, consider and determine all applications in the order in which they shall appear in the Application Book: Provided that if any person shall not appear himself, or by some person duly authorised on his behalf, is and the Commissioner shall not appear himself, or by some person duly authorised on his behalf, before the Board when called in his turn, his application shall be dismissed until his name shall appear again in the book in order: Provided also that if two or more persons shall be dismissed until his name shall appear again in the Board when called in his turn, his application shall be dismissed until his name shall appear again in the Board to hear a

#### III.-SURVEYS.

15. There shall be a Chief Surveyor, who shall be appointed and removable by warrant under the hand of the Superintendent, and as many Assistant Surveyors as shall be necessary, who shall be appointed and removable by the Superintendent, upon the recommendation of the Chief Surveyor.

16. All surveys shall be conducted in such manner as the Board, by any regulations to be made in that behalf,

#### IV .- THE LAND REVENUE.

17. All payments to be made in respect of land shall be made to the Treasurer of the Board during the sitting thereof, and the Treasurer shall thereupon give receipts for the same.

18. By the 62nd clause of the Constitution Act, the Governor is authorised and required to pay out of the revenue arising from the disposal of the waste lands of the Crown all the costs, charges, and expenses incident to the collection, management, and receipt thereof; and also to pay out of the said revenues such sums as shall become payable under certain other provisions therein contained. The Treasurer of the Waste Lands Board shall, therefore, pay out of all the funds coming into his hands under these Regulations all such sums for the above-named purposes, in such manner and to such persons as the Governor shall direct. in such manner and to such persons as the Governor shall direct.

#### V .- PUBLIC RESERVES.

19. Reserves for the uses of the Provincial Government, and for other public purposes may, upon the recommendation of the Provincial Council, be made by the Superintendent, and shall not be alienated from the specific purposes to which they have been severally dedicated, except under the provisions of an Act of the General Assembly, intituled the "Public Reserves Act, 1854;" and a full and complete description of every such reserve and of the

purposes to which it shall have been dedicated shall, so soon as possible after it shall have been made, be published in the Government Gazette of the Province, and set forth on the authenticated maps in the Land Office: Provided that the Superintendent may, if the Provincial Council be not then sitting, temporarily reserve land for such purposes until the next session of such Council.

purposes until the next session of such Council may.

20. Reserves for public highways, bridle-paths, and foot-paths shall be made by the Superintendent, and shall be set forth on the authenticated maps in the Land Office. The Superintendent and the Provincial Council may, be set forth on the authenticated maps in the Land Office. The Superintendent and the Provincial Council may, by Ordinance, alter the line of any such highways, bridle-paths, and foothpaths, and dispose of the land theretofore

11. The Superintendent may temporarily reserve any land for the preservation or sale of the timber thereon;
but such land may at any time cease so to be reserved upon a resolution of the Proincial Council,
but such land may at any time cease so to be reserved upon a resolution of the Provincial Council,
by proclamation in the
22. The Superintendent may, upon the recommendation of the Provincial Council, by proclamation in the
Government Gazette, reserve from the operation of these Regulations any tract of country in which the precious
metals may be found to exist; and the land within such tract of country shall be disposed of according to Regulations hereafter to be issued and published in that behalf, in the same manner and under the same authority as
these present Regulations. these present Regulations.

VI.-TOWN LANDS.

23. The sites of Towns shall be determined by the Superintendent, upon the recommendation of the Provincial Council, and shall be notified by proclamation in the Government Gazette of the Province.

24. Town lands shall be sold by public auction, in sections, the size and upset price of which shall be determined by the Superintendent and the Provincial Council; and having been so determined for each town severally, shall not

25. The time and place of every auction sale shall be fixed by the Superintendent, and shall be notified in the Government Gazette, and one or more newspapers of the Province, at least thirty days before such sale shall take

26. No such notification of any sale of town lands shall be published until a map of the town, signed by the Chief Surveyor, shall have been laid open for public inspection in the Land Office; and such map shall set forth, accurately delineated, all the town sections numbered consecutively, so far as laid out, showing the sections to be submitted for sale, and the public reserves in connection with them.

27. Town sections may be put up to auction, either by order of the Superintendent, or upon the application of some person who shall, at the time of making such application, deposit ten per cent. of the upset price with the Treasurer of the Waste Lands Board. Such deposit shall, if no deposit on the upset price be made, be considered

as the deposit upon the sale at such public auction.

23. If any section shall be purchased by other than the original applicant, the deposit money shall be forthwith returned on demand.

29. Ten days at least before any such auction sale, a list of all the sections about to be offered for sale shall be

published in the Government Gazette, and one or more newspapers of the Province.

30. Every auction sale of land shall be held by the Commissioners in open court, as hereinbefore provided.

30. Every auction sale of land shall be head by the commissioners in open court, as her instance of the section of the person who shall be declared the highest bidder at such auction shall immediately pay a deposit of ten per cent. of the purchase money to the Treasurer, and, in default thereof, the section shall be again immediately

put up to auction.

32. The remainder of the purchase money shall be paid to the Treasurer in full within one week after the day of sale; and, in default thereof, the purchaser shall forfeit his deposit money, and also all right or title to the land; and the section may be sold to any person applying for the same for the price at which it was knocked down at the auction; and if not so sold, the section may be again put up to auction at any future sale.

33. Upon payment of the purchase money in full, the purchaser shall receive from the Commissioners a "License to Occupy," in the form set forth in Schedule A to the Waste Lands Regulations, and such license shall be restored to the Commissioners upon the receive of a Crown Grant of the land runches of

to the Commissioners upon the receipt of a Crown Grant of the land purchased.

VII.-RURAL LAND.

34. All lands not included in any of the foregoing Regulations shall be open for sale as rural land, at a uniform

price of forty shillings per acre.

35. Save as hereinafter provided, no section of rural land shall be sold containing less than twenty acres; but any section so limited by frontage lines or private lands as to contain less than twenty acres may be sold by auction at the upset price of forty shillings per acre; the time and place of sale and the mode of sale and payment of purchase money to be as nearly as may be in accordance with the Regulations herein contained applicable to the sale of Town Land: Provided, nevertheless, that if any section so limited shall be included in a pasturage license with pre-emptive right, the holder of such License shall be entitled to exercise such pre-emptive right under these Regulations upon payment of the sum of forty pounds for such section.

payment of the sum of forty pounds for such section.

36. Every section of rural land shall be in one block, and, except as hereinafter provided, of a rectangular form, and, if bounded by a frontage line, shall be of a depth of half a mile (or forty chains) from such frontage.

37. Where, from the frontage not being a straight line, or from the interference of other frontage lines, natural 37. Where, from the boundaries of private lands, the above rules in respect of form cannot be accurately observed, the features, or the boundaries of private lands, the above rules in respect of form cannot be accurately observed, the features, or the boundaries of private lands, a payment and a proportion of the second private lands. form of the section shall be determined as nearly in accordance with these rules as, in the judgment of the Board, circumstances will admit.

38. In sections of land not adjacent to or bounded by a frontage line, all the sides may be equal; but one side may not be less than one-third of the other, and such section shall not be less than half a mile distant from a frontage

39. Any person possessing a section of land may at any time select another adjacent thereto, of such form that the two together, being considered as one section, shall be in the form required for a single section under the fore-

going rules
40. Immediately on the payment of the purchase money, the purchaser shall receive from the Commissioners a
"License to Occupy" in the form set forth in the Schedule B hereunto annexed; and as soon thereafter as conveniently may be, the land shall be laid off by a Government Surveyor as nearly in accordance with the description
given by the purchaser in his application as these Regulations will admit: Provided that whenever the lands selected
it will be the averaged districts the average of the surveyor of t given by the purchaser in his approach as these neglations with admit. From the time wherever the lands selected in without the surveyed districts, the expense of the survey, and of connecting such surveys with the existing surveys, shall be borne by the purchaser, who shall at the time of purchase deposit the amount of the estimated cost of such surveys with the Treasurer of the Waste Lands Board, which shall be made as soon as practicable by order of the

Chief Surveyor: Provided always that should any section, when surveyed, prove to differ in any respect from that intended by the purchaser, the Government will not be responsible for any loss or inconvenience which the purchaser may experience, nor will the purchase money be returned: Provided also that if the Surveyor shall find that the whole extent of land in the selected locality falls short of the quantity paid for by the purchaser, the Treasurer shall re-pay so much of the purchase money as exceeds the price of the land to be conveyed. The "License to Occupy" shall, in any case, be amended by the Commissioners in accordance with the report of the Surveyor, and the Crown Grant shall be made out in accordance therewith; and the "License" shall be returned to the Commissioners when the Crown Grant shall be issued.

the trown Grant shall be issued.

41. Any person making a ditch and bank fence to lands adjoining waste lands of the Crown, may take out of such waste lands half the land required for the ditch and bank: Provided that no ditch or bank shall be more

than six feet in width.

#### VIII .- COMPENSATION LANDS.

42. Whereas it is desirable that private persons should be enabled to receive portions of wasteland in exchange for private lands taken for roads or for other public purposes: If any person shall be entitled to receive any compensation in respect of any land which shall have been taken for the purposes of a road or of any other public work, or in respect of any damages done to his property by the taking of such land for such purposes, such person shall, upon application to the Waste Lands Board, be entitled to a grant of rural land in such situation as he shall select, the state of t

or in respect to the conditions as to form and frontage in these Regulations contained, to the extent of one acre for every two pounds sterling of the amount of compensation which the applicant shall be entitled to receive in respect of the land taken for such purposes, or in respect of such damage as aforesaid.

43. If any person shall contract with the Superintendent to make and complete within a given time any public road, bridge, or drain, or any part of any such road, bridge, or drain, furnishing such security as the Superintendent may require for the due completion of such contract, and shall select such portion of rural land as he shall be willing to accept by way of payment or compensation, or by way of part payment or compensation for such work, it shall be lawful for the Superintendent to reserve such portion of land from public sale for such given time, but no longer; and such person shall, on the completion of such contract, be entitled to a free grant of such land, or so much thereof as the Board shall adjudge, not exceeding one acre for every two pounds sterling which the Superintendent to shall certify to the Waste Lands Board to be the bone fals value of the work so done by such person, necording to the prices for work and materials at the time of performing such contract current in the district. tendent shall certify to the prices for work and materials at the time of performing such contract current in the district.

Every such reservation of land from public sale shall be published in the Government Gazette of the Province, as

directed in clause 19 of these Regulations.

No such reservation shall continue in force for a longer period than twelve calendar months from the date on which it shall have been made.

No land included in a Pasturage License with pre-emptive right shall, as against the holder of such pre-emptive right, be so reserved or granted until he shall have been allowed the option of purchasing such land in the manner prescribed in clauses 64 and 66 to these Regulations.

No greater amount of land than 250 acres shall, under the provisions of this clause, be reserved or granted to any person under any such contract, unless in payment of work for which a vote has been passed by the Provincial

Council.

No greater amount of land than 1000 acres in the aggregate shall in any one year be reserved or granted under the provisions of this clause, without the special sanction of the Provincial Council.

Provided always, that every parcel of land so granted shall be subjected to the same conditions as to form and frontage as any rural land sold under these Regulations: Provided also that no application for less than twenty acres shall be received under this clause: but that where any amount of compensation awarded by the Board shall have been started that the transfer acres clause is but that where any amount of compensation awarded by the Board shall have been started that the transfer acres clause. be of less extent than twenty acres of land, the person entitled may pay the balance in cash, upon the same terms as other applicants, for the purchase of rural lands under these Regulations.

#### IX .- NAVAL AND MILITARY BOUNTIES.

44. Whereas the Superintendent and the Provincial Council, and other the inhabitants of Canterbury, are desirous to aid in making provision for the maintenance of such persons of her Majesty's land and sea forces as may be discharged as unfit for further service, in consequence of wounds or loss of health incurred in the present war with Russia, and also for the maintenance of the widows of those who may be killed in such war:—

Any such person or widow shall, upon application to the Waste Lands Board, and upon the production of satisfactory evidence from the proper anthorities as to such discharge or death, be entitled to receive a free grant not exceeding thirty acres of the waste lands within this Province, subject to the conditions as to form and frontage contained in these Regulations: Provided always that such application shall be made to the Waste Lands within these wasters after such discharge or death.

Board by such person or widow in person, within three years after such discharge or death.

#### X .- PASTURAGE

45. Until sold, granted, or reserved for public purposes, as herein provided, the waste lands may be occupied for pasturage purposes by persons holding licenses from the Waste Lands Board to occupy the same.

46. Any person applying for a pasturage license shall state to the Commissioners what are the boundaries and extent of the run applied for, and the number and description of the stock which he possesses, or will undertake to place upon the run within twelve months from the date of the license.

47. The extent of run allowed to each applicant shall be at the rate of 120 acres to every head of great cattle, and twenty acres to every head of small cattle. The words "great cattle" shall be construed to mean horned cattle, horses, mules, and asses (male and female), with their offspring above six months of age; and the words "small cattle" shall be construed to mean sheep (male and female), with their weaned offspring.

48. Every pasturage run shall be in one block, and, as far as circumstances will admit, of a rectangular form: the frontage, under ordinary circumstances, shall not be greater than one-half the depth.

49. The fee to be paid for the license shall be at the following rates:—For every run containing less than 1000 acres, twenty shillings for every hundred acres, for every run containing less than 5000 two pages.

acres, twenty shillings for every hundred acres; for every run containing 1000 acres and not less than 5000, two pence

per acre for the first thousand, and one penny per acre for every acre in addition.

For every run containing 5000 acres or upwards, one farthing per acre for the first and second years, one-half penny per acre for the third and fourth years; three farthings per acre for the fifth and every subsequent year:

Provided that the first year shall be taken to be the time clapsing from the date of the original license to the first day of May next following.

50. No pasturage license shall be granted for a less annual fee than £2 10s.
51. The fee shall be paid to the Treasurer of the Waste Lands Board, every year, in advance; for the first year

<sup>\*</sup> A frontage line shall be taken to mean the boundary of a road, river, or public reserve, or any stream or watercourse which shall have been declared by notification in the Government Gazette to constitute a frontage for the purpose of selection,

on the issue of the license, and for the second and every subsequent year on any sitting day of the Board between the 20th day of April and the 1st day of May inclusive; and every pasturage license not renewed by payment of the required fee on or before the 1st day of May shall, unless good cause to the contrary be shown to the satisfaction of the Waste Lands Board, be considered as abandoned.

52. Every pasturage license shall be in the form set forth in the Schedule C to the Waste Lands Regulations, and shall be transferable by endorsement in the form set forth in such schedule, and such transfer shall be deemed to be complete upon notice thereof being duly given to the Waste Lands Board, and not before. A pasturage license shall entitle the holder thereof to the exclusive right of pasturage over the land specified therein upon the license shall entitle the holder thereof to the exclusive right of pasturage over the land specified therein upon the terms above stated. Such license shall be renewed by endorsement from year to year, until the land specified therein shall be purchased, granted, or reserved under these Regulations; and the fee to be paid in respect of such license shall not be altered until the 1st May, 1870. Such license shall give no right to the soil or to the timber, and shall immediately determine over any land which may be purchased, granted, or reserved under these Regulations.

A reasonable right-of-way shall be allowed through all pasturage runs.

53. If at any time during the first four years after the issue of the first license the quantity of stock for the run shall be less than that originally required, or during the next three years less than twice that amount, or during any subsequent period less than three times that amount, the Waste Lands Board may declare the whole or a portion that the provided allowed the waste to the issue of these Regulations.

of such run to be forfeited: Provided always that with regard to runs granted prior to the issue of these Regulations, such first period of four years shall commence from the date on which these Regulations shall come into operation: Provided that one or more runs held by the same individual or firm may, for the purposes of this clause, be cousidered as one run.

54. In any case in which a runholder can prove to the satisfaction of the Waste Lands Board that he is precluded by arrangements entered into previous to the passing of these Regulations from actually, for a given period, placing his stock on his own run, it shall be sufficient if he prove to the satisfaction of the Board that he possesses within the Province the requisite amount of stock, and will undertake to place the same on the run at the expiration of

such period.

55. Every holder of a license shall, at any time, upon a written order from the Waste Lands Board to that effect, make a true and complete return of all the stock on his run; and if he shall wilfully and knowingly make any false return, the Waste Lands Board shall immediately declare his license to be forfeited.

56. Every run or portion thereof which shall have been forfeited, as above provided, shall be put up by the Waste Lands Board to public auction, after an advertisement in the Government Gazette, and one or more newspapers in the Province. A license granted after forfeiture shall be deemed to be an original license. Upon appeal from any person whose run has been forfeited within sixty days from the date of such forfeiture, it shall be lawful for the

Superintendent to reserve or suspend such forfeiture either wholly or in part.

57. Every person taking out a license for a run which is not stocked, will be required to deposit with the Treasurer the sum of ten shillings for every hundred acres included in the license, which will be returned without interest as soon as he shall have fulfilled the conditions in respect to stocking the run within the prescribed period; and if such conditions be not fulfilled, such deposits shall be forfeited.

58. The above rules in respect to stocking a run, and to the lodgment of deposit money with the Treasurer,

shall not apply to runs containing less than 5000 acres.

shall not apply to runs containing less than 5000 acres.

59. Every holder of a license may be required at any time to pay for the actual cost of the survey of his run, at a rate not exceeding twenty shillings for every thousand acres.

60. Every holder of a pasturage license shall, upon application to the Waste Lands Board, be entitled to a pre-emptive right over portions of his run, as follows:—For a run of not less than 1000 acres, and not more than 8000 acres, over a block of land comprising and circumjacent to his homestead, to the extent of 5 per cent. of the average of the run; for a run of 5000 acres and upwards, over 250 acres of land comprising and circumjacent to his homestead or principal station; and for all runs over all lands occupied by any buildings, enclosures, plantations, cultivations, or any such other improvements as shall in the judgment of the Waste Lands Board be deemed sufficient for the purposes of this clause, together with fifty acres comprising and circumjacent to the lands so occupied or

improved.

61. The licensee shall, at the time of his application to the Board, give a sufficient description of the lands over which he claims such pre-emptive right, to the satisfaction of the Chief Surveyor; and the same shall be marked off on the authenticated maps in the Land Office.

62. The lands included in such pro-emptive right may be of such form as the applicant shall choose; but any land purchased by him in the exercise of such right, shall be subject to the Regulations as to form and frontage

63. The Waste Lands Board shall not receive or entertain any application to purchase from any person other than the runholder the aforesaid block around the homestead or principal station which does not include the whole

64. The right of pre-emption hereby given shall be exercised within one week for all lands within twenty miles of the Land Office at Christchurch, and within one month for all lands at a greater distance therefrom; such time being reckoned from the date of service of a written notice from the Waste Lands Board, setting forth a copy of the application for any of the lands included in the pre-emptive right. Such notice may be served either personally on the runholder, or by leaving the same at his last known place of abode within the Province, or at the principal homestead or station on the run.

homestead or station on the run.

65. The applicant for any rural land included in any pre-emptive right shall deposit with the Treasurer of the Waste Lands Board a sum equal to four shillings per acre of the purchase money, and the remainder he shall pay within one week from the date of his application being granted, or forfeit such deposit. Such deposit, however, shall be immediately returned on demand, if the holder of the pre-emptive right shall give notice of his intention to purchase any portion of the land applied for, and pay the requisite deposit.

66. If the holder of the pre-emptive right decide upon purchasing any portion of the land applied for, he shall forthwith pay to the Treasurer of the Waste Lands Board a deposit of four shillings per acre of the purchase money of such portion; and, if he shall not within six weeks thereafter have paid the remainder of the purchase money, he shall forfeit such deposit, together with all right or title to the lands.

If the holder of any pre-emptive right other than those created by clause 60 of the Waste Lands Regulations shall neglect or refuse to purchase any portion of the land applied for, such portion shall, from and immediately after such neglect or refuse, he released from all right of pre-emptive right.

67. Pasturage licenses with pre-emptive right in connection with purchased lands, whether under the Canterbury Association or the Crown, shall, from and after the 1st day of April, 1856, be taken and deemed to be pasturage licenses over the lands included therein, upon the terms of these Regulations, with a pre-emptive right over all such land, to be exercised subject to these Regulations as regards notice of application, payment of deposit, purchase

money, price of land, and size and shape of blocks. If the land covered by such pre-emptive right shall be included

money, price of man, and size and snape of brokes. It has find covered by such pre-emptive right shall be included within the limits of a run held by license under clauses 50 and 53, the holder thereof, in paying rent for the same, may take credit for the amount paid by him in respect of lands covered by such pre-emptive right.

68. Holders of pasturage licenses without pre-emptive right shall be entitled to hold such licenses, or to have them renewed upon the terms of their contract with the Canterbury Association or the Crown, as the case may be; but if any person holding a license under the Canterbury Association or the Crown shall voluntarily resign the same, he shall be entitled to receive a license under these Regulations, and shall from the date of such exchange hold his

he shall be entitled to receive a license under these Regulations, and shall from the date of such exchange hold his run at the rate and on the conditions specified in these Regulations.

69. If any person exchanging his license shall for any period included in the new license have paid rent at a higher rate than would be payable under such license, such over-payment shall be adjusted at the next payment of

rent.

70. In the event of improvements having been effected by the licensee of a run on any land which shall be reserved by the General Government or by the Provincial Government under these Regulations, the licensee shall receive payment of the value of such improvements, such value to be decided by arbitration under direction of the Waste Lands Board, and to be paid by the Treasurer of the Waste Lands Board out of the Land Fund.

71. All payments on account of pasturage runs shall in future be made on or before the last day of May, in gecordance with clause 51, at the Land Office, at Christchurch, and the Waste Lands Board shall sit at that place

for the Treasurer to receive the same.

for the Treasurer to receive the same.

72. All payments to be made on account of pasturage runs before the 1st day of May next ensuing shall be made for the portion of the year only which shall elapse between such any of payment and the said 1st day of May.

73. In calculating the amount of the license fee and the stock required to be on the run, the year commencing

on the said 1st day of May shall be deemed to be the same year as that for which such part-payment shall have been

made.
74. Notwithstanding anything contained in these Regulations, it shall be lawful for the Governor, upon the recommendation of the Superintendent and Provincial Council, at any time and from time to time, by proclamation in the Government Gazette of the Province, to reserve for the purposes hereinafter mentioned any lands within the Province, adjacent to or in the neighbourhood of any town, now or which may hereafter be formed; and to declare that on and from a day to be named in such proclamation, all depasturing licenses issued under these Regulations in respect of such reserved lands shall cease and be of no effect; on and from which day all such licenses shall, as respects such lands, cease and be of no effect accordingly; and it shall be lawful for the Governor at any time thereafter, by Regulations to be issued in that behalf, according to the provisions of the Waste Lands Act, upon the recommendation of the Superintendent and Provincial Council, to regulate the occupation of the Waste Lands of the Council within such reserved districts. the Crown within such reserved districts.

#### TIMBBB.

75. If any tract of land shall have been reserved for the sale of timber thereon, such timber may be sold by public auction at an upset price, and subject to conditions to be fixed by the Superintendent, and the purchaser shall agree to remove the same within a certain time; and all the timber not removed within such time may be again put up to public auction.

76. No person shall, without a license, cut or remove any timber from any waste lands of the Crown (except timber which he shall have purchased under the last clause); and any person so cutting or removing timber shall be liable to pay the cost of such license for one year, together with the costs of recovering the amount of the

77. Every license for cutting or removing timber shall be issued for one month, or for one year, at the request of the person applying for the same; and a fee of ten shillings shall be paid upon every monthly license, and of five pounds upon every yearly license.

78. A license shall entitle no one but the person named therein to cut down the standing timber, but it will authorise him to employ any number of persons, during the term of the license, to saw, split, or remove the timber so cut; and such license shall not be transferable.

so cut; and such license shall not be transferable.

78. A license to cut timber shall extend only to the district named therein.

80. If any person duly licensed shall have established a sawpit for the purpose of sawing timber, no other person shall cut timber within lifty yards of such pit without the consent of the person first occupying such sawpit: Provided that if the person establishing such pit shall not use the same, and shall not cut timber within such distance as aforesaid from the pit for twenty-eight consecutive days, it shall be lawful to any other holder of a license to enter thereupon, and to cut timber as though such pit had not been established.

enter thereupon, and to cut timber as though such pit had not been established.

S1. If any person shall, for the purpose of removing timber, have made a road upon land being the waste lands of the Crown, and not being a highway, it shall not be lawful for any other person to use the same without the permissio of the person making the same first obtained: Provided that if such road shall not be used at any time for minety consecutive days, it shall be lawful for any holder of a heense at any time thereafter to use the same.

S2. If any person holding a timber license shall be proved before the Waste Lands Board to have offended against any Regulations he eine contained respecting timber, or to have wilfully or neglegantly injured or destroyed, by fire or otherwise, any timber helonging to the Crown, such license shall be, and shall be immediately declared to be forfeited, and it shall be at the discretion of the Board to refuse to issue another timber license to the same process.

### APPENDIX.

The following Act, to alter and amend the foregoing Regulations, was passed during the Session of the Assembly in 1866, and is dated October 8.

Whereas divers persons who have held or now hold licenses to depasture stock upon waste Lands of the Crown in the Province of Canterbury have sold or transferred to other persons their right to depasture stock over portions of the lands comprised in such licenses and whereas it is expedient that the persons to whom the right to depasture stock over such portions of such lands has been so sold or transferred by the original holders of such licenses or persons claiming under them or to whom such rights may be hereafter sold or transferred should be enabled to have issued to them separate licenses from the Waste Lands Board of the said Province to depasture stock upon the portions of the said lands upon which the right to depasture stock upon the portions of the said lands upon which the right to depasture stock already has been or hereafter may be sold and transferred as aforesaid. And whereas it is expedient that further provision be made for regulating the sale of land in towns withdrawn from the gold fields in the said Province.

Be it therefore enacted by the General Assembly of New Zealand in Parliament assembled and by the authority of the same as follows-

- 1. The Short Title of this Act shall be "The Canterbury Waste Lands Act, 1866."
- 2. Whenever it shall be made to appear to the satisfaction of the Commissioners of the Waste Lands Board of the Province of Canterbury that the original holder of any license to depasture stock upon waste lands of the Crown in the said Province or any person claiming under such original holder shall have sold or transferred his right to depasture stock upon any portion or portions of the land comprised in such license to any other person or persons it shall be lawful for the said Commissioners to grant to each person to whom the right to despasture stock upon any portion of the lands comprised in such original license shall have been so sold or transferred a separate license under the hands of the said Commissioners for the portion of the said lands to which such person shall be entitled in like manner as if such license were issued as an original license and thereupon the portion of the said lands for which such new license shall be issued shall be and be deemed to be a separate run and shall be numbered as such in the books of the said Commissioners and also on the public maps of the said Province and a fresh license shall be issued to the person or persons claiming the residue of such run under the original license.
- 3. Whenever it shall be made to appear to the satisfaction of the Commissioners of the Waste Lands Board of the Province of Canterbury that the original holders of any licenses to depasture stock upon adjoining portions of the waste lands of the Crown or any persons claiming under any such original holders respectively shall have exchanged their right to depasture stock upon any portion or portions of the lands comprised in such licenses with each other it shall be lawful for the said Commissioners to grant to each of such person a fresh license under the hands of the said Commissioners which license shall issue in like manner as if the same were an original license and such license shall omit the portions of the said lands which such person shall have parted with and shall include such other portions as such persons may have received in exchange together with the lands comprised in the original license excepting such portion omitted as aforesaid.
- 4. Whenever it shall be made to appear to the satisfaction of the Commissioners of the Waste Lands Board of the Province of Canterbury on the application of any person being the original holder of two or more licenses to depasture stock upon adjoining waste lands of the Crown in the said Province or any person claiming under such original holder that it would be desirable that the lands comprised in such two or more licenses should be comprised in one it shall be lawful for the said Commissioners to grant to such person a fresh license which shall issue in like manner as if the same were an original license and shall comprise the lands included in such two or more licenses and such new license shall have such number given to it as to the said Commissioners shall seem fit.
- 5. Every application for a new or separate license shall be in writing and shall be signed by the applicant or by his agent or solicitor and shall state the names of the person or persons to whom the original license or licenses was or were granted and also the names of the persons then entitled to the different portions of the lands comprised in such license or licenses and shall be accompanied by a plan of the lands showing thereon the boundaries of the different portions for which separate or new licenses are required.
- 6. Every such application as aforesaid shall be lodged in the office of the Chief Commissioner of the said Waste Lands Board at least eight weeks previous to the day upon which such application shall be heard and notice of such application shall be given by the Chief Commissioner by advertisement in at least one newspaper published in the said Province once every week for such period as aforesaid and the expense of such notice shall be borne by the
- 7. The Waste Lands Board may require the said lands to be re-surveyed and thereupon the applicant shall deposit with the Treasurer of the Board the estimated cost of such re-survey. The Chief Surveyor shall as soon as practicable make such re-survey and the division or divisions in each case respectively shall be made and marked by the Chief Surveyor on the public maps in his charge and shall be binding and conclusive upon all parties concerned.
- 8. Nothing in this Act contained shall be deemed or taken or construed to give to the person or persons to whom such new licenses shall be issued power to take up any additional pre-emptive rights beyond such as the holder or holders of the original license or licenses would have been entitled to take up under such license or licenses.
- 9. There shall be paid to the Receiver of Land Revenue for the said Province for each license issued under the authority of this Act the sum of one pound such sum to be paid by the person to whom such license is issued.
- 10. Whenever any land within a proclaimed township in the Province of Canterbury heretofore has been or hereafter shall be withdrawn from any goldfield for the purpose of sale it shall be lawful for the Superintendent upon the recommendation of the Provincial Gouncil to declare by proclamation in the Provincial Government Gazette that any part of such land which shall at the time of such withdrawal be lawfully occupied and have upon it buildings of the value of not lass than twenty-five pounds shall be offered for sale to the person in lawful occupation of such land at a fixed price and upon the like recommendation to fix the price at which such land shall be so offered If such offer be accepted in writing within two months after a notice thereof shall have been published in the Provincial Government Gazette it shall be lawful for the Waste Lands Board to sell such land to such person at such fixed price. Provided that every such sale shall except as regards the price take place upon the conditions in reference to the sale of town lands prescribed in the Waste Land Regulations of the said Province and if such offer as aforesaid be not so accepted within such period such land shall be sold by auction in the ordinary manner prescribed in such regulations and at such upset price as may in each case be determined by the Superintendent and Provincial Council. Provincial Council,

During the session of the General Assembly just passed a Bill was brought in altering the Regulations, in so far as fencing or improvement pre-emptive rights are concerned. All rights of this description granted prior to the passing of the Act are declared valid, but none will be granted for the future.

#### CANTERBURY DIRECTORY.

## PROVINCIAL GOVERNMENT.

Superintendent-HIS HONOR WILLIAM SEFTON MOORHOUSE.

#### EXECUTIVE COUNCIL.

F. E. Stewart (President), J. S. Williams, R. Wilkin, and George Hart.

PROVINCIAL SECRETARY'S DEPARTMENT.

Secretary—F. E. Stewart. Under-Secretary—A. F. N. Blakiston. Clerks—T. B. Ambrose and C. Williams

PUBLIC WORKS DEPARTMENT.

Secretary-F. E. Stewart. Chief Clerk-G. Turner.
Assistant Clerk-W. Jameson.

## TREASURY DEPARTMENT.

Treasurer-F. E. Stewart. Clerk-N. P. Thompson.

#### AUDIT DEPARTMENT.

Auditor-J. Ollivier. Deputy Auditor-H. E. Alport.

PROVINCIAL SOLICITOR'S DEPARTMENT.

Solicitor-Mr. J. S. Williams.

Messenger-J. B. Stansell.

## WEST CANTERBURY GOLD FIELDS.

Secretary-James Alexander Bonar. Under-Secretary-G. S. Sale. Wardens-W. H. Revell, C. C. Shaw, G. G. FitzGerald, Justin Aylmer, M. Price, and

M. Keogh.
Commissioner's Clerk—F. Eaton.
Wardens' Clerks—F. Guinness, C. W. H. Bowen,
P. A. Birch, A. B. Bloxham, C. G. Halliday, A. E. Tennant, and F. Matthias.

#### WASTE LANDS BOARD.

Chief Commissioner-W. G. Brittan.
Commissioners-R. Packer, F. E. Stewart, G. S. Sale, C. Davie, T. W. Maude. Receiver of Land Revenue-T. W. Maude. Chief Clerk-G. A. Reade. Second Clerk-G. Dunnage.

#### ENGINEER'S DEPARTMENT.

Railway Engineer—E. Dobson (Engineer to the Lyttelton and Christchurch Railway. Engineer and Inspector of Roads—G. Thornton. Clork of Works—F. Lockyear. Messenger-B. B. Leathwick.

## AT HORITIKA.

District Engineer-James Rochford. Assistant Engineer-T. C. Frew. Draughtsman-E. G. Mainwaring. Accountant-F. Robinson.

## SURVEY DEPARTMENT-EAST COAST.

Chief Surveyor-C. Davie. District Surveyors—C. H. Shaw, C. Ff. Pemberton, R. Townsend, J. Rochfort, James Boys, E. P.

Assistant Surveyors-G. Harston, L. Smith, G. Chamier.

Road Surveyor-W. Kitson Chief Draughtsman—J. Williams.
Draughtsmon—H. J. Lewis, J. Fussell, A. Jarman,
J. F. M'Cardell, H. S. Kelly, E. S. Leversedge,

C. M. Wakefield, G. R. Barnes.

#### CROWN GRANTS.

Surveyor in Charge.—J. C. Boys.

Draughtsmen.—A. Cooper, G. H. Markham.

Writing Clerks—J. Davis, J. Rowley.

#### WEST COAST.

Chief District Surveyor.—M. Fraser. District Surveyors.—J. S. Browning, R. P. Bain, G. Mueller. Assistant Surveyors.—W. Cooper, R. Tuke, W. Hay. Draughtsmen.—T. Perham, E. Barnes, C. Welbeck,

#### HARBOUR DEPARTMENT.

Port Offiver-F. D. Gibson. Harbour Master, Lyttelton-A. Sproul. ,, Akaroa-R. Greaves.

Timaru-W. C. Beswick.

Hokitika-T. Turnbull.

#### POLICE DEPARTMENT.

Head Station—Canterbury Depôt, Armagh-street east. Commissioner's Office, Hereford street. Commissioner—Robert Clarke Shearman.

J. Browne.

Collerk—Henry Walsh.

Inspectors—P. Pender, Christchurch; T. Broham,
Hokitika; William Henry James, Greymouth;

and Alfred Buckley, Timaru. One Sergeant-major, 9 first-class sergeants, 8 secondclass sergeants, 12 third class-sergeants, 30 first-class constables, 12 second-class constables, 9 third-class constables, 2 female searchers, and 5 detectives.

#### CHRISTOHURCH GAOL.

Gaoler-James Reston. Chief Warder-Thomas Toppin. Assistant Warder .- E. Cotter. Matron-Mrs. Toppin.

#### LYTTELTON GAOL.

Gaoler-James Reston. Chief Warder-J. Arnold. Assistant Warders—Daniel Fryen, Samuel Routledge, E. T. Woodhead, J. Reston, F. Dogherty, C. J. Fox, T. Mercer, J. McCabe, W. Wilson, W. Foley and J. Read. Overseer of Hard Labour Gang—W. P. Jones. Matron—Mrs Reston.

HOKITIKA GAOL.

Gaoler-William Dale. Chief Warder-John Kidd.

#### IMMIGRATION DEPARTMENT.

Commissioners—W. Donald, R. R. Armstrong, J. T. Rouse, F. D. Gibson.
Chief Officer—R. R. Armstrong.
Assistant Officer—David M. Mackay.
Clerk—John Edwin March.
Immigration Agent at Timaru—W. C. Beswick.
Barrack Master and Matron at Christchurch—Arthur and Mrs. Smith.
Barrack Master and Matron at Quarantine Station, Camp Bay—John and Mrs. Galbraith.

#### CHRISTCHURCH HOSPITAL.

Visiting Physician—J. S. Turnbull, M.D.
Visiting Surgeon—H. H. Prins, M.R.C.S.
House Surgeon—L. Powell, M.R.C.S.
Dispenser—R. Cook.
Matron—Mrs. R. Cook.
Surgeon to Police, Immigration Barracks, and
Gaol—J. W. S. Coward.

#### LYTTELTON HOSPITAL.

Medical Officers-Drs. Donald and Rouse. Matron-Mrs. M. Edmiston.

#### LUNATIC ASYLUM.

Medical Officer—J. W. S. Coward. Steward—E. W. Seager. Matron—Mrs. Seager.

#### INSPECTORS OF SHEEP.

Chief Inspector—P. B. Boulton.
Inspectors—Hency Scarvell, Andrew Paterson, R,
Holderness, W. Palfrey.

OTHER OFFICERS.

Provincial Geologist—Julius Haast, F.R.S., &c.
Meteorological Officer—R. L. Holmes.
Keeper of Public Records—A. F. N. Blakiston.
Education Commissioners—Hon. H. J. Tancred
(chairman), Joseph Brittan, G. Gould, T. W.
Maude, Wm. Montgomery.

Maude, Wm Montgomery.

Health Officer for the Port of Lyttelton (under the Quarantine Regulations, 1864)—William Donald, R. M. The Board consists of the Health Officer, one or more Justices of the Peace, and the superior Officer of Customs at the Port.

Health Officer for Hokitika—G. Lemming.
Deputy Health Officer—T. Turnbull.
Inspector of Schools—J. P. Restell.
Administrator of Charitable Aid—R. R. Armstrong.
Inspector of Weights and Measures—R. Brunsden.
Registrar of Brands—G. Turner.

Revising Commissioner of the Ratepayers' Rolls for the Road Districts—Joseph Beswick.

Poundkeepers—Christchurch, Charles Allison, jun.; Kaiapoi, M. Lynskey; Rangiora, J. W. Heath; Akaroa, R. Williams; Timaru, J. Melton; Ashburton, W. Turton; Leeston, J. Carston; Lyttelton, J. Illingsworth; Templeton, R. Hawkins.

District Road Boards—Ashburton, Avon, Courtenay, Cust, Ellesmere, Geraldine, Heathcote, Halswell, Kowai, Lincoln, Little River, The Levels, Malvern, Mount Cook, Oxford, Okain's Bay, Pigeon Bay, Port Levy, Port Victoria, Rakaia, Mandeville and Rangiora, Riccarton, Spreydon, Springs, Templeton, Town of Akaroa and Waianui District, Waimate, Waipara.

# PROVINCIAL COUNCIL.

### MEMBERS.

Akaroa (1)—C. J. Waeckerle.
Ashburton (1)—W. C. Walker.
Bays (1)—R. H. Rhodes.
Christchurch (4)—F. J. Garrick, J. G. Hawkes, H.
W. Williams, W. Wilson.
Geraldine (1)—A. Ormsby.
Greymouth (1)—J. A. Whall.
Heathcote (3)—W. Montgomery, J. S. Williams,
W. T. L. Travers.
Hokitika (2)—J. A. Bonar, M. Cassius.
Kaiapoi (1)—J. Wylde.
Lincoln (2)—H. J. Tancred, A. C. Knight.
Lyttelton (4)—D. Davis, E. A. Hargreaves, H. P.
Murray-Aynsley, J. G. Fyfe.
Mandeville (2)—C. Hillyard, M. Dixon.
Mount Cook (1)—J. B. Sheath.

Oxford (1)—G. L. Lee.
Papanni (2)—T. S. Duncan, F. E. Stewart.
Port Victoria (2)—T. H. Potts, A. Hornbrook.
Rakaia (1)—J. Hall.
Rangiora (1)—J. E. Brown.
Riccarton (2)—F. W. Delamain, H. B. Johnstone.
Seadown (1)—A. K. Matson.
Sefton (2)—J. H. Moore, W. M. Maskell.
Selwyn (1)—E. Jollie.
Timaru (1)—H. Belfield.
Wainate (1)—G. Buckley.
Wainui (1)—H. Buchanan.
Waipara (1)—J. W. Mallock.
Waitangi (1)—E. Gray.
Westland (2)—E. Barff, C. Hoos.

Speaker—H. J. Tanered. Chairman of Committees—J. Wylde. Clerk—H. B. Quin.

Librarian—R. L. Holmes. Messenger—R. Whish. Housekeeper—Mrs. Potton.

## GENERAL GOVERNMENT DIRECTORY.

## THE GOVERNMENT OF NEW ZEALAND.

GOVERNOR AND COMMANDER-IN-CHIEF AND VICE-ADMIRAL OF THE ISLANDS OF NEW ZEALAND-HIS EXCELLENCY SIR GEORGE GREY, K.C.B.

Goeernor's Private Secretary—Rev. Frederick Thatcher Despatch Clerk—A. M. Smith Aide-de-Camp—Major W. Grey, Military Train Messenger—W. Widdop Native Orderly—Hori Kerei

#### EXECUTIVE COUNCIL.

The Honourables Edward William Stafford, Theodore Minet Haultain, William Fitzherbert, John Hall, James Crowe Richmond, John Larkins Cheese Richardson

Clerk of the Council—Foster Goring

Secretary to the Cabinet—William Gisborne

#### COLONIAL SECRETARY'S DEPARTMENT.

Colonial Secretary—Hon. E. W. Stafford Under-Secretary—William Gisborne Chief Clerk—A. C. P. Macdonald Clerks—H. J. H. Eliott, E. F. Norris, W. J. Kenny

Confidential Clerk to Prime Minister-E. Wake-field.

Chief Messenger and Housekeeper-D. Keefe. Messenger-J. Fitzgerald.

## TREASURY.

Colonial Treasurer—Hon. W. Fitzherbert.
Assistant Treasurer—Jonas Woodward.
Accountant—C. T. Batkin.
Chief Clerk and Cashier—W. Best.
First Clerk, Accountant's Office—J. C. Gavin.
Clerks—W. V. Stevens, J. H. Gillard, T. T. Cutbush, W. Mason, J. McGowan, W. G. Holdsworth.
Messenger—J. C. Cole.

## ATTORNEY-GENERAL'S DEPARTMENT.

Attorney-General—James Prendergast.
Assistant Law Officer—Robert Hart.

COLONIAL SECRETARY'S OFFICE.—JUDICIAL BEANCH.

Chief Clerk—R. G. Fountain. Clerk—C. J. A. Haselden. Messenger—Jesse Huett.

#### NATIVE DEPARTMENT.

Under-Secretary—William Rolleston.
Assistant Secretary—H. Halse
Translator—Walter Puckey.
Clerks—T. E. Young, S. C. G. Vickers, Meti
Pene Taue.

## GENERAL POST-OFFICE.

Postmaster General-Hon. John Hall. Secretary-G. Eliott Eliott. Inspector of Post Offices—W. Gray.
Controller of Money Orders and Savings Banks—
W. Pagan
Chief Clerk—R. Macalister.
Dead Letter Clerk—M. Warburton.
Clerks—E.-Bodley, J. B. Beale
Messenger—H. Curry.
Travelling Mail Agents—W. Gray, M. W. Eliott,
R. J. Goodman.

#### COLONIAL DEFENCE OFFICE.

Minister for Colonial Defence—Hon. Colonel T. M. Haultain. Under-Secretary.—Captain J. Holt. Chief Clerk.—F. Stevens Clerks.—H. Hartwright, T. W. Lewis, J. B. Carr, W. J. Morpeth, A. Boughton. Messenger.—J. Casey.

#### COMPTROLLER.

J. E. FitzGerald .

Messenger-J. Huett.

## AUDIT DEPARTMENT.

Auditor of Public Accounts—Charles Knight, M.D. Chief Clerk—E. Hill
Clerks—C. H. Snow, J. G. Anderson, Jas. Davis,
W. Harrison, R. E. E. Plimpton, O. Wakefield,
G. M. Nation, R. O'Conner, L. Roskruge, M.
Kilgour.
Messenger—J. Cole.

## CROWN LANDS DEPARTMENT.

Secretary for Crown Lands—Hon. Alfred Domett. Olerks—H. J. Masters, Walter Grey, H. E. Leadam, O. Samuels. Draughtsman—J. W. A. Marchant. Assistant Draughtsman—G. Fannin.

## CUSTOMS DEPARTMENT.

Commissioner of Customs—Hon. J. C. Richmond. Secretary—William Seed. Clerks—W. France, H. W. Williams, J. Halse.

## REGISTRAR GENERAL'S DEPARTMENT.

Registrar General—J. B. Bennett.
Deputy Registrar and Chief Clerk—W. E. Teague.
Clerks—E. J. Von Dadelzen, G. Allen.

Registrar General of Land and Deeds, also Land Claims Commissioner, and Secretary for Crown Lands—Hon. Alfred Domett.

Secretary, also Registrar of Deeds at Wellington— J. E. Smith. Clerk—W. G. Wilkinson.

MARINE ENGINEER'S DEPARTMENT.

Marine Engineer—James M. Balfour.

Inspector of Steamers and Nautical Assessor— Robert Johnson. Inspector of Steamers and Engineer Surveyor— Joseph Nancarrow.

STAMP DEPARTMENT.

Commissioner—Hon. J. C. Richmond.
Secretary and Deputy Commissioner—C. T. Batkin.
Accountant—R. S. F. Parsons.
Stamper—R. Macalister, jun.

TELEGRAPHIC DEPARTMENT .- HHAD OFFICE.

Telegraph Engineer—Alfred Sheath.
General Manager—C. Lemon.
Accountant—A. B. Sheath.
Clerks—H. Postlethwaite, R. M. Moseley, G. Gray,
F. Maynard.
Electrician—T. Varley.
Mochanician—H. Smith, Assistant, De Sortet.

GEOLOGICAL SURVEY DEPARTMENT.

Director—James Hector, M.D.
Clerk—R. B. Gore.
Draughtsman, &c.—J. Buchanan.
Laboratory Assistant—W. Skey
Messenger and Museum Assistant—W. Rayer.

GOVERNMENT PRINTING ESTABLISHMENT.

Government Printer—George Didsbury.
Overseer—James Costall.
Sub-Overseer—J. Burns.
Reader—W. Keleway.
Printer of Stamps—J. Davies.
Lithographer—J. Earle.
Government Storekeeper—J. J. Cherritt.

GOVERNMENT DOMAINS.

Overseer-R. H. Huntley.

Storekeeper-H. Kent.

GOVERNMENT AGENTS.

Auckland—Hon. D. Pollen. Hawke's Bay—His Honor D. McLean.

SUPREME COURT.

Chief Justice—Hon. Sir George Alfred Arney, Kut., Auckland and Taranaki Districts. Acting Judge—His Honor Joseph Schroder Moore.

PUISNE JUDGES.

His Honor Alexander John Johnston, Wellington and Napier Districts. His Honor Henry Barnes Gresson, Canterbury

District.

His Honor Christopher William Richmond, Nelson and Westland districts.

His Honor Henry Samuel Chapman, Otago and Southland Districts.

CLERKS TO JUDGES.

Canterbury—S. J. Stedman. Otago—M. Chapman.

NATIVE LANDS COURT.

Chief Judge-Francis Dart Fenton.

Judges - John Rogan, H. A. H. Monro, F. E. Manning, T. H. Smith, Wilson B. White, W. Lyon.

Translator—C. Maxwell.
Chief Clerk—A. J. Dickey.
Clerk—W Bridson.
Messenger—J. Macnamara.

DISTRICT COURTS .- JUDGES .

Auckland—T. Beckham.

Wellington, Wanganui, Hawke's Bay, and Marlborough—C. D. R. Ward.

Otago Goldfields—Wilson Grey.

Westland—Edward Clarke.

CROWN SOLICITORS.

Auckland—F. M. P. Brookfield.
Taranaki—T. Standish.
Wellington—C. B. Izard.
Napier—J. N. Wilson.
Nolson—H. Adams.
Canterbury—T. S. Duncan
Otago—B. C. Haggitt.
Southland—T. M. Macdonald.
Westland—J. H. O'Loughlin.

CORONERS.—CANTERBURY, OTAGO, AND SOUTHLAND.

Christchurch—J. W. S. Coward.
Ashburton—A. C. Croft.
Hokitika—S. Beswick.
Haveleck—W. H. Pilliet.
Kaiapoi—C. Dudley.
Timaru—B. Woollcombe.
Dunedin—T. M. Hocken.
Waikouaiti—J. W. Murdock.
Invercargill—J. F. Deck.
Clutha—J. G. Smith.
Arrow—J. Douglas
Tokomairiro—J. Dewe.
Clyde—H. W. Robinson.
Oamaru—T. W. Parker.
Tuapeka—E. Croker.
Brighton—C. Broad.
West Taieri—J. Fulton.
Queenstown—P. Beetham.
Port Chalmers—D. O'Donoghue.
Hamilton and Naseby—John Nugent Wood.
Switzers—H. A. Stratford.

#### INSPECTORS IN BANKRUPTCY.

Auckland—R. F. Porter
Taranaki—W. S. Atkinson.
Hawke's Bay—P. Bourke.
Wellington—W. R. E. Brown.
Nelson and Marlborough—R. Pollock.
Canterbury—J. E. Graham.
Otago—George Brodie.
Southfand—F. Nutter.

CURATORS OF INTESTATE ESTATES.

Auckland—A. Boardman.
Wellington—W. R. E. Brown.
Hawke's Bay—G. E. G. Richardson.
Nelson and Marlborough—Robert Pollock.
Canterbury H. H. de Bourbel.
Westland—E. W. Jones.

RHYISING OFFICERS UNDER FRIENDLY SOCIETIES ACT, 1856, AND BUILDING AND LAND SOCIETIES ACT, 1866.

Canterbury—W. T. L. Travers. Otago—A. W. Smith. Southland—T. M. Macdonald.

DFFICIAL AGENT UNDER MINING COMPANIES LIMITED LIABILITY ACT, 1865.

Otago Goldfields-Henry J. Cope.

CONSULS AND CONSULAR AGENTS.

France-Achille Hubault, Consular Agent, Auckland.

Portugal—Edmund Quick, Consular Agent, Dunedin.

United States of America—F. Leavenworth, Consul, Bay of Islands; Henry Driver, Consular Agent, Dunedin.

Denmark—Louis Bucholz, Consul, Auckland; Edmund Quick, Vice Consul, Dunedin. Belgium—Ernest Louis Bucholz, Consul, Auckland. Hans Towns—Henry Houghton, Consul, Dunedin. Sweden and Norway—Edmund Quick, Consular Agent, Dunedin.

Italy—M. Guieseppe Biagi, Consul General, Melbourne; Ernest Louis Bucholz, Consular Agent, Auckland; F. Thompson, Consular Agent, Christchurch; E. B. Cargill, Consular Agent, Dunedin.

Netherlands—J. W. P. Van Amstel, Consul General, Melbourne.

Hamburgh—Otto Wiesenhavern, Consul, Nelson; F. E. C. A. Nehse, Acting Consul, Nelson. Chili—James Burtt, Consul, Auckland; Edmund Quick, Consular Agent, Dunedin.

SUPERINTENDENTS OF THE PROVINCES.

Auckland—His Honor John Williamson.
Taranaki—His Honor Henry Robert Richmond.
Hawke's Bay—His Honor Donald McLean.
Wellington—His Honor Isaac Earl Featherston.
Nelson—His Honor Oswald Curtis.
Marlborough—His Honor William Henry Eyes
Canterbury—His Honor William Sefton Moorhouse.
Otago—His Honor James Macandrew.
Southland—His Honor John Parlim Taylor.

# NEW ZEALAND ARMY LIST.

CANTERBURY, OTAGO, AND SOUTHLAND.

#### CANTERBURY.

MILITIA AND VOLUNTEER STAFF.

Lieutenant-Colonel—1867: Henry Elmhirst Reader, 8th June. Major—1866: George Packe (Rifle Volunteers),

12th April.

Adjutant—1866: Charles Cecil Rookes (Captain),
9th April.

Surgeon-1866: Courtney Nedwill, M.D., 20th August.

CANTERBURY YEOMANRY CAVALRY.

Captains—1864: John Cracroft Wilson, C.B., 26th October. 1865: William Sefton Moorhouse, 30th January.

Lieutenants—1864: Colin Campbell Aikman, 27th October. 1866: Henry William Packer, 4th September; Frederick Strouts, 15th-September. Cornets—1866: Henry Slater, 14th September; Frank Slee, 15th September; George Duncan

Lockhart, 17th September.
Surgeon—1886; Henry Horsford Prins, 14th

Veterinary Surgeon—1866: Thomas Hill, 14th September.

#### ARTILLERY VOLUNTEERS.

Captains—1866: William Henry Hargreaves (Lyttelton), 16th July; Thomas Ritchie, (No. 2, Lyttelton), 7th September. 1867: Edward Cardale (Timaru), 18th April. Lieutenants—1867: David Davis (No. 1, Lyttelton), 12th April; Albert Cuff (No. 2 Lyttelton), 17th May; Alfred George Horton (Timaru), 18th April.

Second Lieutenants—1867: George Tayler (No. 1, Lyttelton), 12th April; John King (Timaru), 18th April.

Honorary Assistant Surgeon—1867: Edward Buller (Timaru), 18th April.

ENGINEER VOLUNTEERS.

Captain—1867: Alexander Lean, 4th May. Lieutenant—1867: Edward Dobson, 7th June. Second Lieutenant—1867: Francis Pavitt, 4th May. Assistant Surgeon—1866: Joseph David Frankish, M.D., 26th June.

RIFLE VOLUNTEERS.

Captains—1864: Crosbie Ward (No. 1 Company, 1st Battalion), 26th October. 1866: Joseph Beswick (No. 5 Company 1st Battalion), 15th February; George Holmes (No. 8 Company 1st Battalion), 6th June; Richard James Strachan Harman (No. 2 Company 1st Battalion), 7th June; William Miles Maskell (No. 3 Kowai Company), 19th October; Philip William Fendall (No. 7 Tunaru Company), 22nd November. 1867: Charles Sale (No. 10 Oxford Company), 15th April; Henry Hinge (No. 9 Woodend Company), 30th May; James George Hawkes (No. 6 Company), 25th June; James Poole (No. 4 Rangiora Company), 22nd July,

Company 1st Battalion), 15th February; Charles Pemberton (No. 3 Kowai Company), 22nd November; Stanley Briscoe Seymour (No. 7 Timaru Company), 22nd November. 1867; Charles Trevatt (No. 10 Oxford Company), 15th April; William DeTroy (No. 1 Company 1st Battalion), 2nd April; Nathaniel Wolfe, (No. 6 Company), 25th June; Charles Lezard (No. 9 Woodend Company), 30th May; Augustus Frederick Noel Blakiston

(No. 2 Company), 21st August. Ensigns—1865: George Crawford Black (No. 5 Company 1st Battalion), 9th January, 1866: Samuel Denning Glyde (No. 6 Company), 5th April; George Fitzmaurice (No. 8 Company 1st Battalion), 6th June; John Thomson (No. 4 Rangiora Company), 27th October; William Whitwell Beswick (No. 7 Timaru Company), 19th December. 1867: Walter Ryde (No. 10 Oxford Company), 15th April; Charles Allison (No. 1 Company 1st Battalien), 2nd April; Alfred Maskell (No. 3 Company), 12th June; William Langley Powell (No. 9 Woodend

Company.)
Surgeon—1862: John Thomas Rouse, 22nd March.
Assistant Surgeons—1866: William Borrowdale Tripe (No. 4 Company), 27th September; Matthew Morris (No. 3 Kowai Company), 19th October; Charles Welch (No. 9 Woodend

19th October; Charles Welch (No. 9 Woodend Company), 5th November; 1867: Howard Rees (No. 10 Oxford Company), 10th June. Lieutenant-Colonel, 1; Major, 1. Captains—Cavalry, 2; Artillery, 3; Engineers, 1; Infantry, 10; Staff, 1. Lieutenants—Cavalry, 3; Artillery, 3; Engineers, 1; Infantry, 10. Ensigns, Second Lieutenants, and Cornets-Cavalry, 3; Artillery, 3; Engineers, 1; Infantry, 10. Surgeons and Assistant Surgeons-Cavalry, 1; Artillery, 2; Engineers, 1; Infantry, 4. Total officers of all ranks, 61. Rank and File:-

		Sergean	its		Trivate
Cavalry	144	9	444	200	55
Artillery		12	444	***	150
Engineers	***	4	***	***	61
Infantry	224	40	154	***	600

## OTAGO.

#### MILITIA AND VOLUNTEER STAFF.

Honorary Lieutenant Colonel-1865 : John Larkins Cheese Richardson, 1st September.

Lieutenant Colonel-1866: John Cargill, 26th June. Major-1866: John Bathgate (1st Battalion), 26th

June. Adjutant-1866: John James Atkinson, 29th

January. Surgeon—1866: Edwarde Hulme, M.D., 26th June.

ARTILLERY VOLUNTEERS.

Captain-1866: Andrew McFarland (Dunedin), 20th

Lieutenants-1866: Joshua Porter (No. 5 Kaiapoi | Lieutenant-1867: Archibald Hill Jack (Dunedin), 7th June.

Surgeon-1865: Charles Henry Hardy, M.D., 8th March.

#### RIFLE VOLUNTEERS.

Captains-1865: Frederick Joseph Moss (No. 1 City Guards 1st Battalion), 2nd August; Alfred Jones (Bruce Company), 26th December; John Borton (Waikari Company) at Battalion), 28th December; Richard Seward Cantrel (South District Rangers 1st Battalion), 29th December; Arthur John Burns (North Dunedin Company 1st Battalion), 30th December. 1866: William Alexander Tolmie (No. 2, Company 1st Battalion), 15th August; James Ful-

ton (West Taieri Company), 14th November. Lieutenants—1864: William Kirkcaldy (No. 2, Dunedin Scottish 1st Battalion), 25th October. 1865: William Shand (South District Rangers 1st Battalion), 30th March; David Mann, High School Cadets, 1st Battalion), 28th August; Henry Harroway (North Dunedin Company 1st Battalion), 26th December; Richard Longfield Davis (No. 1 City Guards 1st Battalion), 28th December; James Fotheringham (Oamaru Company), 30th December; Thomas Shand (East Taieri Company), 30th December. 1866; William N. Robertson (Waikari Company 1st Battalion), 24th June; Edward Petit (Bruce Company), 24th December. 1867: William Muray (West Taieri Company), 8th January.

Ensigns-1865: John Jamieson (No. 2 Dunedin Scottish 1st Battalion), 29th December; John McKellar (North Dunedin Company 1st Bat-Armstrong Wales (No. 1 City Guards 1st Battalion), 30th December; John Locke (Oamaru Company), 30th December; John Tough (Waikari Rangers 1st Battalion), 30th December; John Andrews (East Taieri Company), 30th December. 1866: John Dewe (Bruce Company), 24th December.

### NAVAL VOLUNTEERS.

Captains-1866: William Thompson (Port Chalmers Company), 7th July. 1867: William Stavely (Dunedin Company), 14th February. Lieutenants-1866: James Blain Robertson, (Port

Chalmers Campany), 7th July.
Sub.-Lieutenants—1866: William Goldie (Port Chalmers Company, 7th July. 1867: William Stewart (Dunedin Company), 8th April.
Surgeon—1865: Thomas Moreland Hocken, 9th
March.

#### SOUTHLAND.

#### RIFLE VOLUNTEERS.

Captain-1865: Matthew Instone (Riverton), 18th

# JUSTICES OF THE PEACE FOR THE COLONY OF NEW ZEALAND.

CANTERBURY, OTAGO, AND SOUTHLAND.

Acland, John Barton Arundel, Mount Peel, Canterbury Adam, James, Tokomariro, Otago Allen, John, Oamaru, Otago Aynsley, Hugh Percy Murray, Riverlaw, Canter-Archibald, Thomas Barton, Mount Benger Goldfields, Otago Armstrong, Harry, Winton, Southland Aylmer, Justin, Ross, Westland

Back, Alexander, Christchurch Baldwin, William, Waitahuna, Otago Bealey, Samuel, Christchurch Beetham, Richmond, Wakatipu, Otago Bell, Francis Dillon, Dunedin Belfield, Herbert, Timaru, Canterbury Beswick, William Cockerill, Timaru, Canterbury Birch, Josiah, Kaiapoi, Canterbury Blakiston, Charles Robert, Christchurch Blacklock, John, Invercargill Borton, John, Wakari, Otago Bowen, Charles Christopher, Christchurch Bonar, James Alexander, Hokitika Boys, John Cowell, Rangiora, Canterbury Branigan, St. John, Dunedin Brittan, Joseph, Christchurch Brittan, William Guise, Halswell, Canterbury Broad, Lowther, Arrowtown, Otago Brodie, George, Dunedin Brown, John Thomas, Mount Brown, Canterbury Buchanan, Andrew, Hamilton's Diggings, Otago Burns, Arthur John, Dunedin Bradshaw, James Benn, Queenstown, Otago

Calder, William Henderson, Invercargill Campbell, Michael Scott, Timaru, Canterbury Campbell, Robert, jun., Lindis, Otago Carew, Walter John, Lincoln road, Canterbury Cargill, John, Dunedin Cargill, Edward Bowes, Dunedin Cass, Thomas, Christehurch Chalmers, Nathaniel, Invercargill Chalmers, Gerit Alexander, Miller's Flat, Otago Chapman, Robert, Dunedin Clapcott, Henry, Dunedin Cookson, Isaac Thomas, Christchurch Cowan, Cuthbert, Hokanani, Southland Cox, Alfred, Talbot Forest, Timaru, Canterbury Croker, Edward, Lawrence, Otago Cunningham, Andrew Hunter, Rangiora, Canterbury Cuthbertson, John Robert, Waiau, Southland Cutten, William Henry, Dunedin

Deane, Robert, Heathcote, Canterbury Dewe, John, Tokomairiro, Otago Dick, Thomas, Dunedin Donald, William Lyttelton Dudley, Charles, Kaiapoi, Canterbury Dundas, John Francis, Invercargill Douglas, James, Frankton, Otago

Elles, Andrew Jamieson, Invercargill Envs, John Davies, West Coast Road, Canterbury

Fenwick, Fairfax, Otepopo, Otago Fenwick, George Thomas, Otepopo, Otago Filleul, William Gabriel, Oamaru, Otago FitzGerald, Gerard George, Hokitika Fullarton, Blair, Pleasant River, Otago Fulton, James, West Taieri, Otago Ferand, Jean Desire, Clyde, Otago

Gibson, Frederick Denham, Lyttelton Gillies, John, Dunedin Gillies, John Lillie, Tokomariro Graham, James Edwin, Christchurch Gray, Ernest, Timaru, Canterbury Grey, Wilson, Dunedin Greaves, Robert, Akaroa, Canterbury Greenstreet, Charles Hawkin, Ashburton, Canter-Grigg, John, Christehurch Gilchrist, John Campbell, Oamaru, Otago Gleeson, Michael Sherlock, Hampden, Otago

Haggit, Bryan Cecil, Dunedin Hall, George Williamson, Timaru, Canterbury Hall, John, Christchurch Hall, Thomas Williamson, Timaru, Canterbury Hamilton, William John Warburton, Lyttelton Hamilton, James, Hamilton's, Otago Hankinson, Donald, Te Anau, Otago Harman, Richard James Strachan, Christchurch Harris, John Hyde, Dunedin Hassel, James, Oamaru, Otago Haughton, Charles Edward, Arrowtown, Otago Hickson, John Smith, Dunstan Creek, Otago Higgins, Robert Luke, Cust Valley, Canterbury Hodgkinson, Samuel, Riverton, Southland Holmes, Matthew, Southland

Johnston, William, Dunedin Johnston, David, Greymouth Jollie, Francis, Timaru, Canterbury Jones, John Richard, Matanika, Waikouaiti, Otago Jollie, Edward, Christchurch

Keogh, Michael, Westland, Canterbury

Lance, James Du Prè, Riccarton, Canterbury Latter, Edward Circuit, Akaroa, Canterbury Lawlor, Daniel Shea, Riverton, Southland Lean, Alexander, Christchurch Lee, Edward, West Taieri, Otago Lee, George Leslie, Rangiora, Canterbury Lee, Edward James, Leeston, Canterbury Lowe, William Anderson, Manuherikia, Otago Lightband, George William Wales, Twelve-Mile Township, Canterbury Lloyd, George, Green Island, Otago

Macdonald, William Kenneth, Orari, Canterbury

Mackenzie, Francis Wallace, Invercargill Main, David Forsyth, Manuherikia, Otago Maitland, James, Balclutha, Otago Mansford, Thomas Aynstey, Port Chalmers Mason, William, Dunedin · Maude, Thomas William, Christchurch M'Arthur, Duncan, Invercargill M'Culloch, Henry, Invercargill M'Glashan, Edward, Hokitika M'Kellar, Peter, Mataura, Southland M'Lean, John, Oamaru, Otago M'Nab, Alexander, Knapdale, Southland M'Neil, Alexander, Mataura, Southland M'Neil, Alexander, Ardlussa, Southland M'Master, Alexander, Waitangi M'Pherson, Æneas M'Intosh, Orari, Canterbury Menzies, James Alexander Robertson, Invercargill Moorhouse, William Sefton, Christchurch Moorhouse, Benjamin Michael, Rangitata, Canter-

Moss, Frederick Joseph, Dunedin Murdoch, John Wallace, Hawkesbury, Otago Murison, James, Linburn, Otago Murison, William Dick, Linburn, Otago

Neilson, Thomson Bonar, Mount Royal, Palmerston, Otago Nurse, Hugh, Riverton, Southland Nutter, Frederick, Invercargill

Ollivier, John, Christchurch Orbell, John, Hawkesbury, Otago

Parker, George Babington, Waitangi River
Parker, Henry, Waitangi River
Packer, Richard, Christchurch
Palmer, Joseph, Christchurch
Park, Robert, Ashburton, Canterbury
Parker, Thomas Windle, Oamaru, Otago
Pauli, William Berjew, Kaiapoi, Canterbury
Pearson, Walter Henry, Invercargill
Peter, William Spence, Ashburton, Canterbury
Phillips, Henry, Rockwood, Canterbury
Pillans, Francis Scott, Inch Clutha, Otago
Potts, Thomas Henry, Governor's Bay, Canterbury
Price, Matthew, Okarita, Canterbury

Price, Matthew, Okarita, Canterbury Purdie, William, Dunedin Purnell, William Kirk, Timaru, Canterbury Pyke, Vincent, Dunedin

Reader, Henry Elmhirst, Canterbury
Rees, William Gilbert, Otago
Reeves, William, Christchurch
Revell, William Horton, Greymouth, Canterbury
Reynolds, William Hunter, Dunedin
Rhodes, Robert Heaton, Papanui Road, Canterbury
Rich, Francis Dyer, Bushey Park, Palmerston,

Rich, Francis Dyer, Bushey Park, Palmerston, Otago Rich, Edwin, Waipu, Otago Richardson, John Larkins Cheese, Puarana, Otago Robinson, Henry Wirgman, Clyde, Otago Rochfort, John, Christchurch Reid, Donald, North Taieri, Otago Rolfe, Daniel, Port Chalmers Reid, Robert Caldwell, Okarito, Canterbury Robertson, James William, Dunstan, Otago Rogers, Henry, Orepuki, Southland Rogers, James Dowling, Hinds, Canterbury Rogers, Joseph, Glenquoich, Southland Rookes, Charles Cecil, Christchurch Ross, George Arthur Æmilius, Christchurch Russell, John Charles Watts, Riccarton, Canterbury

Sale, George Samuel, Hokitika
Schaw, Charles Cockburn, Hokitika
Scott, Henry Arthur, Lake Coleridge, Canterbury
Shand, Archibald Watson, Lyttelton
Shaw, John, Clutha Ferry, Otago
Shearman, Robert Clarke, Christchurch
Simms, William Henry, Leithfield, Canterbury
Simpson, William Lawrence, Mount Benger,
Otago

Slack, William Upton, Woodside, Orari, Canterbury
Smith, James, Tokomairiro
Steele, David Pike, East Taieri, Otago
Stericker, Edward Glaves, Timaru, Canterbury
Stewart, Francis Edward, Christchurch
Stoddart, Mark Pringle, Lyttelton
Stratford, Henry Aldborough, Cromwell, Otago
Strode, Alfred Roland Chetham, Dunedin
Stunt, Robert, Mataura
Studholme, John, Christchurch
Studholme, Michael, Waimate, Canterbury

Tancred, Henry John, Christchurch
Taylor, John Parkin, Invercargill
Teschemaker, William Henry, Waitangi, Otago
Thomson, Campbell, West Taieri, Otago
Thomson, Archibald McMurdo, Northcote, Canterbury
Thompson, William, Port Chalmers, Otago
Tizard, Edward Fawconer, Okarita, Canterbury
Todd, Andrew, East Taieri, Otago
Tosswill, William Browning, Templeton, Canterbury
Townsend, Robert, Akaroa, Canterbury
Turnbull, George, Dunedin

Valpy, William Henry, Forbury, Otago

Wakefield, Edward Jerningham, Christchurch Walker, Lancelot, Riccarton, Canterbury Ward, Crosbie, Christchurch Watson, John, Akaroa, Canterbury Watt, Isaac Newton, Campbelltown, Southland Wayne, Frederick, Waikouaiti, Otago Weld, Frederick Aloysius, Brackenfield, Canterbury

bury
Wentworth, Fitzwilliam, Southland
Weston, William, Akaroa, Canterbury
White, Thomas Woollaston, Timaru, Canterbury
Wilkin, Robert, Christchurch
Willis, Alexander James, Dunedin
Wilson, John Cracroft, C.B., Cashmere, Canter-

Wood, John Nugent, Nokomai, Otago Woollcombe, Belfield, Timaru, Canterbury Worsley, Septimus Lancelot, Christchurch

Young, Henry, Southland

# REGISTRATION OF BIRTHS, MARRIAGES, AND DEATHS.

BIRTHS.—The birth of every child must be registered by the parents, or some person acting in their behalf, within sixty-two days, including the day of birth. After the expiration of the sixty-two days, a child may be registered, on some person who was present at the birth making a solemn declaration to the best of his or her knowledge of the particulars required to be registered, and paying a fee of 10s. 6d. A child born out of the colony, and being under eighteen months old on arriving in it, may be registered within six months after such arrival.

Marriages are to be solemnised with open doors between eight in the morning and four in the afternoon, in the presence of two or more witnesses. Persons who object to be married by a clergyman or minister, may be married at the office, and in the presence of a registrar. Persons desirous of being married must, in the first instance, give notice to the registrar of their district, and pay a fee of 2s. 6d., and the registrar will give them a certificate that they have complied with the requirements of the Act. If they take this certificate at the time of giving notice, the fee for it will be 20s., but if they do not desire it until after the lapse of fourteen clear days from the time of giving notice, it will cost only 5s. The fee for marrying is £3. Any person making a false affirmation or declaration in connection with a marriage, and any person who shall forbid the issue of the registrar's certificate by making a false declaration, is guilty of a misdemeanor.

DEATHS.—The occupier of a house or tenement within which a death has taken place, is bound to inform the registrar of the district thereof within thirty-one days from the death. On receiving such information, the registrar must issue a certificate of the same without fee or reward. Any person who shall bury, or perform any funeral or religious service for the burial of a dead body, or in any way dispose of a dead body without a certificate of a registrar, a coroner, or a justice of the peace, and who shall not, within two months thereof, give notice to the registrar of the district, is liable to a penalty of £10.

## STAMP DUTIES.

THE following is a summary of the provisions of the Stamp Duties Act:-

There are four Schedules to the Act. The first contains the duties on deeds and other instruments relating to transactions between living persons; the second, the duties on probates of wills and letters of administration; the third, the duties on legacies and successions to personal estate under any testamentary disposition or upon intestacy; the fourth, duties on successions to real and personal estate.

## SCHEDULE I.

Agreement, or minute or memorandum of an agreement, under hand only where the matter thereof shall be of the value of £20 or upwards—1s.

Bills of exchange (inland), for every £50, or fractional part of £50-1s.

Bills of exchange drawn out of the colony, but endorsed or negotiated within the colony, the same duty as on an inland bill of the same amount and tenor.

Foreign bills, if drawn singly or otherwise than in a set of two or more, the same duty as on an inland bill.

If drawn in sets of two, 6d., or if in sets of three, 4d., for every £50 or fractional part of £50.

Promissory notes (other than payable on demand) not exceeding £25—6d; exceeding £25 and not exceeding £50—1s; and so on, 1s. for every £50 and fractional part of £50.

Promissory notes (payable on demand), issued by any Bank in New Zealand, are exempt from these duties, Banks being otherwise chargeable.

Bills of lading, or receipt in lieu thereof, from the master, mate, or agent of any vessel for goods carried beyond the colony—1s.

Conveyances of any kind, except transfer expressly provided for by the Act, for every £50 or fractiona part of £50 of the purchase money—5s.

Crown grants and certificates of title granted under the hand of the Registrar-General pursuant to the Land Registry Act, 1860, are exempt from these duties.

Deeds or instruments of any kind whatever not otherwise charged in this schedule-10s.

Exemptions from the preceding duties :-

All instruments relating to the services of apprentices, clerks, or servants; all bonds or mortgages, whether affecting real or personal estate, bills of sale by way of mortgage, and all transfers, agreements, releases, re-conveyances and discharges thereof; all preferable liens under the Wool and Oil Securities Act, 1858; all customs bonds; all administration bonds; all bonds on appointment of special bailiffs.

Drafts or cheques (payable on demand), or otherwise-1d.

Lease or agreement for a lease, for every £50 or fractional part of £50 of the yearly rent—2s. 6d.

Leases of waste lands under the provisions of any Waste Lands Act or Goldfields Act are exempt from these duties.

Policy of insurance of ships or cargo for any period not exceeding three months-2s. 6d.; all other marine policies, for every £100 or fractional part of £100-1s.

Promissory notes payable to the bearer on demand, issued by any Bank or Banking Company, at the rate of £2 for every £100 of the average annual amount in circulation, as certified under the Banker's Returns Act, 1858.

Receipts for any sum of £5 or upwards-1d.

Exemptions—Receipts for money paid to or for her Majesty; receipts endorsed on any duly stamped instrument acknowledging the receipt of the consideration money therein expressed; acknowledgment given for any money deposited in any Bank; receipts for money paid into land, building, and provident societies. Transfers, except by way of mortgage, of any run or station held under lease from the Crown, or form interest, therein for more 100 or fearling leaves and the Crown, or of any interest therein, for every £100 or fractional part of £100 of value assessed as provided in the

Transfer of shares or stock of any corporation, company, or society in New Zealand, where the purchase money shall not exceed £20-1s.; exceeding £20, and not exceeding £50-2s. 6d.; and so on, 2s. 6d. for every £50 or fractional part of £50.

#### SCHEDULE II.

Probate of a will and letters of administration with a will annexed where the effects as sworn to by the executor or administrator are :-

Under the value of £100-£1.

Above the value of £100 and under £200-£2.

Above the value of £200 and under £300-£3.

Above the value of £300 and under £400-£4.

Above the value of £400 and under £500-£5.

And above £500—1 per cent.

Letters of administration without a will annexed where the effects are sworn to by the administrator:—

Under the value of £100-£1 10s.

Above the value of £100 and under £200-£3.

Above the value of £200 and under £300-£4 10s.

Above the value of £300 and under £400-£6.

Above the value of £400 and under £500-£7 10s.

And above £500-12 per cent.

#### SCHEDULE III.

For every legacy or residue or share of residue, of the amount or value of £20 or upwards:-If to a child or any descendant of a child of the deceased, or to the father or mother or any lineal ancestor-£1 per cent.

To a brother or sister, or any descendant of a mother or sister—£3 per cent. To an uncle or aunt, or their descendants—£5 per cent.

To a grand-uncle or grand-aunt, or their descendants-£6 per cent. To a person in any other degree of collateral sanguinity-£7 per cent.

To a stranger in blood-£10 per cent.

All legacies, residues, or a share of residues given to the husband or wife of the deceased are exempt from duty.

#### SCHEDULE IV.

The duties charged on successions are the same as those in the previous schedule on the legacies.

# CUSTOMS TARIFF.

## PASSED OCTOBER 8, 1866.

Names of	ARTICLES.			-	RATES OF DUTY.
Ale, porter, beer of all sorts, cider, an	d perry, in bottle	1772	214	the gallon	£0 1 3
Ditto ditto ditto	ditto, in bulk	***	244	.,	0 1 0
Almonds, in shell	***	***	***	the lb	0 0 1
Almonds, shelled		444	350	9	0 0 3
Ammunition—Sporting powder	***	***	400	33	0 0 6
Ditto-Blasting powder	***	***	***	3)	0 0 1
Apparel, not otherwise described	***	1110	***	the cubic foot	0 5 0
Apples, dried	***	***	***	the lb	0 0 1
Apothecaries' wares, not otherwise de	escribed	***		the cubic foot	0 3 0
rms—Firearms	***	***		each	0 5 0
Axles, axle arms, and boxes	***	***	***	the cwt	0 2 0
Arrowroot, in bulk	***		440	the lb	0 0 0
Ditto, in bottles, jars or tins	100	***	***	the cubic foot	0 2 6
Arsenic		***	411	the ewt	0 4 0
			2 6 1		1 2 2 2
Bacon and hams	188800	***	***	the lb	0 0 1
Bagging, bags, sacks, and woolpacks	empty	***	***	the cubic foot	0 1 6
Baskets and wickerware	100		144	21	0 0 6
Baking powder	***	***	444	33	0 1 0
Beef, salted	1000	***	3444	the cwt	0 2 0
Bellows	***	***	395	the cubic foot	0 1 0
Bicarbonate and carbonate of soda	****	***	2007	the cwt	0 2 0
Biscuits, plain and unsweetened	(444)	***	***	33 70 70	0 3 0
Ditto, fancy		***	***	the cubic foot	0 1 0
Bitters	444	***	***	the gallon	0 12 0
Blacking	***	***	***	the cubic foot	0 1 0
Blacklead	***	***	164	33	0 1 0
Blankets and rugs	444	***	2000	22	0 3 0
Bonnets and hats, trimmed	***	144	***	1)	0 5 0
Ditto, untrimmed	3440	***	***	22	0 3 0
Boots, shoes, slippers, and goloshes		***	***	25	0 5 0
Boots, men's common watertights an	d lace-up, and di	ggers' long	***	33	0 3 0
Boot and shoe vamp and uppers	***	***	***		0 5 0
Brass and brass manufactures	***	***	***	the cwt	0 4 0
Brushware and brooms		***	440	the cubic foot	0 1 0
Buckets, of wood	100	***	***	the dozen	0 2 0
Buckets and tubs, of iron	***	***	***	the cwt	0 4 0
Butter	***	***	(40.6)	the lb	0 0 1
2 32 2 3					1-20-11
Candied peel	***	447	***	55	0 0 3
Candles, tallow	***	***	***	33	0 0 0
Ditto, other than tallow	***	***	***	31	0 0 1
Capers	2600	***	***	the cubic foot	0 2 6
Caps, apparel	***	***	***		0 3 0
Caps, percussion	1969	***	(944)	the thousand	0 1 0
Cards, playing		***	****	the pack	0 0 6
Carpet-bags			***/	the cubic foot	0 3 0
Carpets, woollen	***	***		22	0 2 0
Ditto, of hemp, coir, or jute	***	***	***	33	0 1 0
Carraway seeds	***	***	***	33	0 2 6
Carriages, carts, drays, and waggons		***	***	ad valorem	5 per cent
Carriage and cart wheels	***	***	***	per pair	0 5 0
Catsup	1999	***	***	the cubic foot	0 2 6
Cement and plaster of Paris	G. 200 C.	***	***	the barrel	0 1 0
Chains, except gold and silver, 3ths	of an inch diamet	er and under	***	the cwt	0 2 0
Cheese	***	***	***	the lb	0 0 1
Chicory	· ·	***	***		0 0 3
China, porcelain and Parian wire	***	***	1000	the cubic foot	0 1 0

NAMES (	of Articles.			-	RATES OF DUTY
en - Taka	100			the lb	£0 0 3
Chocolate	***		***	the cubic foot	3 2 6
Chutney	***	***		the lb	0 5 0
Cigars		***		"	0 0 3
Cocoa	***	***	***		0 0 3
Coffee	***	***	10000	the cubic foot	0 2 6
Ditto, essence of	***	***	***		0 5 0
Collars and cuffs, of paper	***	***	***	"	0 1 0
Combs	***	***	444	22	0 5 0
Confectionery	1 11 HOLD	***	****	the cwt	0 4 0
Copper manufactures, not otherwi	se described	***	***	International Contract Contrac	0 4 0
Convince processe	200	***	11 (988)	23	0 3 0
Cordage, three inches in circumfer	rence and under	***	2555	12	0 12 0
Cordials	***	***	***	the gallon	10 0 0
Clocks and watches	388 023 0	222		for every £100 value	10 0 0
Cotton manufactures, not otherw	ise described, an	d all artic	les made of		0 5 0
cotton mixed with any other me	iterial		***	the cubic foot	
Cotton counterpanes	***	***	300		0 3 0
Cream of tartar	***	***	****	the lb	0 0 1
Curry powder and paste	***	***		the cubic foot	0 2 6
Cutlery	***	***	****	the cwt	0 4 0
Cunery			1000		
To				each	0 1 0
Doors, of wood	***	99		the cubic foot	0 5 0
Drapery, not otherwise described	t athernica descri	hod	- WELL	Mark Control of the Control	0 3 0
Drugs and druggists' sundries, no	t otherwise descri	Dea	****	22	
					0 0 3
Earthenware		***	***	"	0 1 0
Engravings, prints, drawings, pair	ntings, and pictur	es	****		0 2 6
Essences flavouring	***	***	***	***	
					0 2 0
Fish, dried, pickled, or salted	200	494-	1666	the cwt	
Ditto, potted and preserved		***		the cubic foot	0 2 6
Ditto, paste	***	***		33	0 2 6
Flooreloth		***		22	0 1 0
Forfar sheeting, unbleached	***	49.8		22	0 3 0
Fruits, bottled or preserved in syr			***	**	0 2 6
Fruits, dried		100	***	the lb	0 0 1
Prunts, urieu				the cubic foot	0 0 6
Furniture and cabinet ware, of we		***		21	0 5 0
Furs	***	***			
					0 2 6
Gelatine	***	1990	191	the 100ft spfcl	0 1 0
Glass, crown and sheet	311	(444)	***		0 1 0
Glass, plate	.00	18880	E ***	the cubic foot	0 0 6
Globes and chimneys for lamps	***	1999	***	33	0 1 0
Glassware	***	440	***	43 - 20	0 2 0
Glue		***	***	the cwt	
Groats, prepared		***	***	the cubic foot	
Grindery	300	***	***	23	
Gutta percha manufactures, not	being apparel	411	***	2)	0 1 0
Clarin Percent annual act,	2 11				TRUE ST 5
Transparance	200	***		the cwt	0 4 0
Hardware		***		the cubic foot	0 5 0
Haberdashery	***		***		0 1 0
Hair-seating		***		the lb	0 0 1
Hams		***	200	the cubic foot	0 2 0
Harness	- 17	***	***		0 3 0
Hats	***	***	****	the cwt	0 4 0
Holloware	***	20002	***	the lb	0 0 1
Hops	***	***	***		0 1 0
Horseshoes	444	***	200	the cwt	0 5 0
Hosiery	111	****	***	the cubic foot	0 0 0
			- 12	1 - 1 - 1 - 1	0 1 0
Ink, writing	***	- ***	the Person	20033	0 1 0
Iron fencing wire, staples and sta	andards, straining	g posts an	d apparatus	the cwt	0 1 0
Iron gates and gate posts	The state of the s	The state of the s	***	"	0 4 0

100	N	- Westernamen			1	RATES OF
STATE OF THE PARTY	NAMES OF	ARTICLES,			_	DUTY.
Iron galvanised s	heets, tiles, rid	ging, gutterin	g. snoutin	or rivets		100 10033
washers, screw n	ails, and wire ne	etting	P) chousen	6, 11,000,	the cwt.	£0 1 0
Ironmongery	***				the care	0 4 0
Isinglass	***	***	***	***	the cubic foot	0 2 6
* * * * * * * * * * * * * * * * * * * *				-		
Jams, jellies and m		***	***	***		0 2 6
Japanned and lacq			***	***	the cwt.	0 4 0
Jewelry	***	***	***	1	for every £100 value	10 0 0
Lamps, lanterns, a	nd lamp wiek	***			the cubic foot	0 1 0
Lasts and shoemak					the cubic 1006	0 1 0
Lead-Sheet, pig,			***		the cwt.	0 1 0
Ditto, manufacture	es, not otherwise	described		***		0 4 0
Leather—Sole	***	***	***		the lb.	0 0 01
Ditto, other kinds		***	***	***		0 0 1
Ditto, bags	***		***	***	the cubic foot	0 5 0
Ditto, leggings	n mad addressed as	2	***	***	33	0 5 0
Ditto, manufacture	s not otherwise	described or l	all anti-la	mad- "	25	0 1 0
Linen manufacture linen mixed with	any other mate	rials				0 5 0
Liqueurs	any other mate	rittis			the gallon	0 5 0 0 12 0
Liquorice			***		the cubic foot	0 2 6
Looking glasses	300				22	0 1 0
			30		"	
Maccaroni	212	***	***		"	0 2 6
Maizena and corn		***	***	***	"	0 1 0
Malt	•••		***		the bushel	0 0 6
Mantel-pieces	***	***	***	***	the cubic foot	0 1 0
Marbles (toys) Matches and wax	ractor	444	***		22	0 1 0
Mats (door-mats)	***	***	***	1	32	0 1 0
Matting of cocoa fi			***	***	29	0 1 0 0 6
Meats, potted and			***		"	0 2 6
Millinery, not other					**	0 5 0
Musical instrumen	ts		***		"	0 1 0
Mustard		111	***		"	0 2 6
WT 11 0 1						
Nails, of iron	***	***	***	***	the cwt.	0 0 1
Nuts, of all kinds, e	xcept cocoa-nuts	in a second	***	***	the lb.	0 1 0
Oil, vegetable, in b	n IIe					- 12 12
Ditto, ditto, in bott		***		***	the gallon	0 0 6
Ditto, mineral			***	***	the cubic foot	0 2 6
Oil, in bottle	000			***	the gallon the cubic foot	0 0 6 0 2 6
TO:44- 0	***	***			the cubic root	0 2 6
Ditto, not otherwis	e described	***			the gallon	0 0 6
Olives	***	***	***		the cubic foot	0 2 6
Opium	***	***	***	***	the lb.	1 0 0
Oysters, preserved	***	***	111	***	the cubic foot	0 2 6
Daints and salares				1 11		
Paints and colours	***		***		the cwt.	0 2 0
Paper, writing Ditto, wrapping, as	nd harra	***	***		the cubic foot	0 1 0
Ditto, hangings	uu bags	***		***	"	0 1 0
Papier mache ware		***			"	0 1 0
Pearl barley	***	***		""	the cwt.	0 1 0
Peas, split					The state of the s	0 1 0
Pepper and piment	to, unground	***			the lb.	0 0 1
Ditto, cayenne		***	***		the cubic foot	0 2 6
Perambulators	***	*** The particular of	***		.,,	0 0 6
Percussion caps			***	***	the thousand	0 1 0
Perfumery, not oth Pickles			***		the cubic foot	0 2 6
Picture frames	***	***	***		"	0 2 6
Treatte Hames	***	119:	***	***	"	0 1 0

	NAMES OF	ARTICLES.		.valent.	11014	DUTY.
Para talanca					the cubic foot	£0 2
Pipes, tobacco	555	***	255	***	the barrel	0 1
Pitch	****	***	***	1	for every £100 value	10 0
Plate, gold and silv	rer	***	***		the lb.	0 0
Plated ware	***	111	***	300	the cwt.	0 2
ork, salted	***	***	***	***	the cubic foot	0 1
ortmanteaus		***	337.	(297)	the capit toot	
Raspberry vinegar			***	444	33	0 2
lice		***	444	***	the cwt	0 2
itto, ground	***	***	***	1444	the cubic foot	0 2
lesin	***		***	2000	the cwt	0 2
lugs, woollen, cot		***	***	100	the cubic foot	0 3
addlery					,,	0 2
ad irons	***		***	746	the cwt	0 1
afes, iron		77	***	1	,,	0 4
ago, in bulk		101	***		"	0 2
Ditto, in bottle or	7074 40			19940	the cubic foot	0 2
altpetre	***		***	10.00	the cwt	0 2
auces		***	***	****	the cubic foot	0 2
ashes, window	1444	***	***		the pair	0 1
crim cloth		***	***	444	the cubic foot	0 1
hirts, navy, serge	and Scotch twil	I	***	***	27	0 3
litto, white, Rega		***		***	,,	0 5
hot	111	***	***	1999	the cwt	0 10
ilk manufactures		***	***	(1000)	the cubic foot	0 5
nuff		***	200	1990	the lb	0 5
oap, common	***	***	***	***	the ewt	0 2
Ditto, scented and			222	***	the cubic foot	0 2
Ditto powder and	washing powder		***	****	27 29	0 0
Soda, crystals	500 Sa Sa	22	***		the cwt	0 1
pices, cassia, cin	namon, cloves,	ginger, mace,	nutmegs,	mixed and	the lb	0 0
ground spices	***	"The second	on a	Damino of	the ib	0 0
spirits, and strong	waters of ever	y kind, sweete	of her Su	roe' hydro-		
any strength no	in proportion	for any greate	or ofrong	th than the		
meter, and so on				or comme can	the gallon	0 12
strength of proof		200	3111		the gallon	0 0
Spirits of tar Starch and blue	***	***	***		the cwt	0 2
Stationery and acc	ount hooks	***	***		the cubic foot	0 1
steel	Other Doors	***		***	the cwt.	0 1
Sugar, treacle, and	molasses	***		***	the lb.	0 0
the sure of the sure of the sure of	L ALL VARIOUS VIOL				the cwt	0 1
				444		
Sulphur	2441119 - 1	***	***	***	each	0 5
Sulphur Swords		***			each the cubic foot	0 2
sulphur swords syrups	***		***		the cubic foot	0 2
ulphur words yrups lacks		***				0 2
Sulphur Swords Syrups Cacks Capioca, in bulk					the cubic foot the cwt.	0 2 0 4 0 2
Sulphur Swords Syrups Cacks Capioca, in bulk Ditto, in bottles, ja					the cubic foot the cwt. the cubic foot	0 2 0 4 0 2 0 2
Sulphur Swords Syrups Cacks Capioca, in bulk Ditto, in bottles, ja Car	  ars or tins				the cubic foot the cubic foot the barrel	0 2 0 4 0 2 0 2 0 2 0 1
sulphur words Syrups Cacks Capicea, in bulk Ditto, in bottles, ja Car Cartaric acid		:: ::			the cubic foot the cwt. the cubic foot the barrel the lb	0 2 0 4 0 2 0 2 0 2 0 1 0 0
sulphur Swords Syrups Cacks Capioca, in bulk Ditto, in bottles, ja Cartaric acid Cea	ars or tins				the cubic foot the cubic foot the barrel the lb	0 2 0 4 0 2 0 2 0 1 0 0 0 0
sulphur swords Yacks Capioca, in bulk Ditto, in bottles, ja Car Cartaric acid Car					the cubic foot the cubic foot the barrel the lb the ewt	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4
sulphur words syrups lacks lapioca, in bulk bitto, in bottles, ja lar lartaric acid lea linware limber, sawn					the cubic foot the cubic foot the barrel the lb the cwt the 100 ft. supl.	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1
sulphur swords syrups Cacks Capioca, in bulk Ditto, in bottles, je Cartaric acid Cea Cinware Cimber, sawn Ditto, shingles and					the cubic foot the cubic foot the barrel the lb the ewt the 100 ft. supl.	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1
sulphur Swords Syrups Cacks Capioca, in bulk Ditto, in bottles, ja Cartaric acid Cea Cinware Cimber, sawn Ditto, shingles and					the cubic foot the cut.  the cubic foot the barrel the lb  the cwt the 100 ft. supl. the 1000 the 100	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 0 0 4 0 1 0 1
Sulphur Swords Syrups Cacks Capioca, in bulk Ditto, in bottles, ja Cartaric acid Cea Cinware Cimber, sawn Ditto, shingles and Ditto, palings Ditto, posts					the cubic foot the cubic foot the barrel the lb the ewt the 100 ft. supl.	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1 0 1 0 1
sulphur swords syrups Cacks Capicea, in bulk Ditto, in bottles, je Cartaric acid Cea Cinware Cimber, sawn Ditto, shingles and Ditto, palings Ditto, posts Ditto, rails					the cubic foot the cwt.  the cubic foot the barrel the lb  the ewt the 100 ft. supl. the 1000 the 100	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1 0 1 0 1 0 2
sulphur swords syrups Cacks Capioca, in bulk Ditto, in bottles, je Cartaric acid Cea Cinware Cimber, sawn Ditto, shingles and Ditto, posts Ditto, rails Cobacco	ars or tins 1 laths				the cubic foot the cut.  the cubic foot the barrel the lb  the cwt the 100 ft. supl. the 1000 the 100	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1 0 1 0 1
Sulphur Swords Syrups Cacks Capioca, in bulk Ditto, in bottles, ja Cartaric acid Cea Cinware Cimber, sawn Ditto, shingles and Ditto, palings Ditto, rails Cobacco Ditto, for sheepw			red unfit	for human	the cubic foot the cwt.  the cubic foot the barrel the lb  the ewt the 100 ft. supl. the 1000 the 100	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1 0 1 0 1 0 2
Sulphur Swords Syrups Tacks Lapicea, in bulk Ditto, in bottles, je Lar Lartaric acid Lea Linware Limber, sawn Ditto, palings Ditto, posts Ditto, rails Lobacco Ditto, for sheepwoons Consumption, an	ars or tins			for human	the cubic foot the cwt.  the cubic foot the barrel the lb  the cwt the 100 ft. supl. the 1000 the 100  the 100  the 100	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1 0 1 0 1 0 2
Sulphur Swords Syrups Tacks Lapicea, in bulk Ditto, in bottles, je Lar Lartaric acid Lea Linware Limber, sawn Ditto, palings Ditto, posts Ditto, rails Lobacco Ditto, for sheepwoons Consumption, an	ars or tins l laths ash, subject to ind to such regulatime to time pre			for human	the cubic foot the cwt.  the cubic foot the barrel the lb  the ewt the 100 ft. supl. the 1000 the 100	0 2 0 4 0 2 0 2 0 1 0 0 0 0 0 4 0 1 0 1 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2

	NAME	s of Article	s.		-		TES	OF
Trousers, moleskin	and cord				the cubic foot	£0	9	0
Twine	300		The same		the cwt		0	
Tubs, of wood	***		***	111	the nest	0	2	0
Furpentine	· " ***		1000	•••	the gallon	0	3 2 2 0	6
Umbrellas and par	resola			Allen Tol	of thigher or on a	Tense		
omoremes and par	45019			***	the cubic foot	0	5	0
Varnish	***	***			the gallon	0	0	
Vermicelli	444.6	***	***		the cubic foot	0	0	6
Vinegar	-		***		the gallon	0 0	0 2 0	6 6
Weighing machine	98		3 Co. 100		the cwt		000	
Whips and walkin				110	the cubic foot	0	411	0
Whiting and chall		100		***	the cwt	0	+	0
Wine, in wood and of a specific gra Fahrenheit's the	d bottle, contravity of .825 ermometer, th	, at the temp e gallon; or for	25 per cent of erature of 60 d	f alcohol, egrees of	the ewe	· ·	*	0
or twelve repute Woollen manufact			ted, and all arti	eles made	the gallon	0	4	0
of wool mixed w	ith any other	materials			the cubic foot	0	5	0
Zinc sheets, tiles,	ridging gutter	ing nining an	d roll		the cwt	0		
Zinc sheets, tiles, 1 Ditto manufacture	s. not otherw	ise described		***	the ewe	0	1	0
	of mon weller in	no accertion		116	23	0	0	4

#### LIST OF EXEMPTIONS.

Anchors; anvils; blacksmiths' bellows; bottles of all kinds, empty; cabin furniture and effects, which have been in use, and not imported for sale; carriage springs, mountings, and trimmings; chain cables and shackles over & of an inch diameter; churns; cotton waste; copper and composition rod, bolts, sheathing, and nails; corn sieves and riddles; crab winches, cranes, capstans, and windlasses; drainage pipes and tiles; felt, for sheathing; filters; fire engines and hose; fish oil, in bulk; forges; gas pipes and machinery, and all material which may be specially imported for the construction of gas works; iron bridges, and all material which may be specially imported for the construction of bridges, wharves, jetties or patent slips; iron-rod, bolt, bar, hoop, and pig; iron lamp posts; iron tanks; iron plates, rivets bolts, nuts, screws, and castings for ships; iron weigh bridges for carts; machinery for agricultural purposes; machinery for boring, brick and tile making, planing, punching, sawing, shearing, turning, and quartz-crushing; machinery for mills and looms; machinery for steam vessels; machinery for wool and hay pressing; machine saws; maps and charts; organs, harmoniums, bells, and furniture, specially imported for places of public worship; passengers' baggage; printing machinery, presses, type, and materials, printing ink, and paper; printed books, papers, and music; ploughs and harrows; pumps and other apparatus for raising water; railway plant, and all materials which may be specially imported for the construction of railways and tramways; rope above three inches in circumference; sail cloth; sewing machines; ships' blocks; ship chandlery not otherwise described; school books, slates, and apparatus; soda ash and caustic soda; soda water machines; steam engines and parts of steam engines; tarpaulins; water pipes, not otherwise described; and all material which may be specially imported for the purpose of constructing water works, and all other articles not otherwise described.

Animals, infected Arms and ammunition, except under license Articles indecent or obscene

Books, protected by copyright, unless printed in the United Kingdom Books, obscene

Caps, percussion, except under license Cards, indecent or obscene Cartridges, except under license Cattle, infected

\*Cigars, in ships under 40 tons burthen, or in packages less than 60lbs. nett, or less than 10,000 in number, or in packages containing other goods

Coins, spurious, false, or counterfeit sterling, or sterling of British possession below standard weight or fineness

Foxes (vide N.Z. Statute 57 of 1865) Flints, except under license

Gold, exportation at ports not approved by the Governor or contrary to the Governor's Regulations

Hawks, and other birds of prey Hides, infected Hoofs, "Horns,"

Indecent or obscene articles

Lead, except under license Lithographs, indecent

Marbles, except under license

Opium, in ships, under 40 tons burthen, or in packages under 45lbs. nett, or in packages with any other goods

Paintings, indecent Percussion caps (see Arms and Ammunition) Pistols, except under license Powder, sporting, (except under license) Prints, indecent

Reptiles, venemous

Saltpetre, except under license
Sheep, infected
Snuff (see cigars)
Shot, except under license
Skins, infected
Spirits, in ships under 40 tons burthen, or in casks
under 14 gallons, or in glass or stone bottles,
each exceeding three pints, unless perfumed or
medicinal spirits
Snakes, and other Reptiles, venemous
Swords, except under license

\*Tobacco, in ships under 40 tons burthen, or in packages under 60lbs nett, or in packages with any other goods

Vultures, and other Birds of Prey

\*Restrictions suspended by Proclamation dated April 19th, N.Z. Gazette, No. 13, 1859.

#### EXPORTATION TARIFF.

Gold in its natural state or mixe	d with other su	bstances				2s. 6d.	per ou	nce, troy
Gold Dust		-	of the C	olony	(mide)		23	23
Gold, all other, wrought or u Gold Duty Act, 1858, N.Z.							32	23
Gold Coin of the Realm, of I	oreign States,	or Gold	Plate, &c	., not	produce }	Free		
of the Colony All other Goods	***	•••		***	,	Free		

THE FOLLOWING LIST OF RATES CHARGEABLE UNDER THE "CUSTOMS TARIFF ACT, 1866," IS COMPILED FROM THE DECISIONS GIVEN BY THE HONOURABLE THE COMMISSIONER OF CUSTOMS.

Biscuits-Abernethy, arrowroot,	&c.	***	100	***	As Fancy Biscuits
China preserves (not being fruits	)	***	***	***	5s. per cubic foot
Enamelled cloth	***	***	100	***	22
Globes and chimneys for lamps (	if packed with	lamps)	***	***	1s. "
Ginger wine, containing less that	n 25 per cent	of alcohol	323	***	As wine
Hair cushions	***	***	***	***	6d. per cubic foot
Photographic chemicals	***	***	***	***	3s. 0d. "
Patent mangles	***	***	***	***	4s. 0d. per cwt
Red herrings (in casks)	****	***	***	***	2s. 0d. ,,
Trusses	***		***	***	3s. Od. per foot
Prunes (in glass jars)	464		***	400	1d. per lb
Sash weights	***	***	***	***	4s. Od. per cwt
Toilet vinegar	****	***	***	***	2s. 6d. per foot
Tobacco juice (for sheepwash)		111	***	***	3d. per lb
Beer engines	***	***	***	***	4s. 0d. per ewt
Cod liver oil	***	***	***	444	2s. 6d. per foot
Linseed meal	444		***	***	3s. 0d. ,,
Pain killer		***	***	***	33 77
Pepper (ground as spice)	***	151	***		3d. per lb
Spring mattrasses		100	***		6d. per foot
Cruet bottles	***	***	***	***	1s. 0d. "
Alabaster and marble ornaments		***	***	***	1s. 0d. ,,
Sausage machines	***	***	***		4s. Od. per cwt
Composition gas piping	***	***	***	***	1s. 0d. "

## INFORMATION FOR PASSING THE FOLLOWING ENTRIES AT THE CUSTOM HOUSE.

## IMPORTATION.

Free Entries by themselves.

Prime (Duty) Entries by themselves.

Sight Entries, four copies.

Perfecting of Sights, two copies; one each for Collector and Landing Surveyor.

Warehousing Wet and Dry Goods by themselves.

Home Consumption Entries, four copies; one each for Collector, Landing Surveyor, Warehouse-keeper, and Locker.

In Home Consumption Entries, value not required.

Sampling Entries from the Warehouse will be issued by order from the Custom House by triplicate entry, viz., one for the Collector, one for Landing Surveyor, and one for the Warehouse-keeper:

						8.	C
Sample Spirits, bottle or less,	duty	***	***	***	***	2	6
Sample Wine, bottle or less	23	***	***	***		1	6
Sample Cigars, 4 lb. or less Sample Tobacco, 4 lb.	22	•••	***	***		1	6
Sample Tobacco, & lb.	11	***	***		***	1	6

The same not to affect the account or clearing from the Bonded Warehouse.

N.B.—A free sample out of each parcel of goods, if for Bonded Warehouse, is allowed at time of gauging or examination at Lyttelton Wharf, or Christchurch Railway Gauging Sheds.

Removals from one Warehouse to another in same port, six copies, one each for Collector, Landing Surveyor, Landing Waiter, Warehouse-keeper, and two Lockers, one for Delivering Warehouse, and the other for Receiving Warehouse.

2. Transmission of Telegrams.—Ordinary telegrams will be transmitted in the order in which they are received by the officers of the department, but if several are presented for transmission about the same time, the officer is not bound to transmit more than two hundred words of any one of such telegrams before the other telegrams have been transmitted. Official telegrams take precedence of others.

3. TELEGRAMS IN CYPHER.—Telegrams may be transmitted in cypher, which will be counted according to the following scale:—Separate cyphers count as one word; groups of five cyphers, or fractional parts of five cyphers, count as one word. Groups exceeding five cyphers are counted at the rate of five cyphers to the word. Any fractional portion remaining to be counted as a word. Note.—Where cyphers are used, the sender is recommended to pay for the repetition of the telegram, to insure accuracy in the transmission.

4. Cancelling Triegrams.—If there should be great delay in the transmission of a telegram so as to destroy its value, notice will be sent to the sender of such telegram, should his address be known, and he may apply in writing to have the telegram cancelled and the payment for it returned.

## PLAN OR TARIFF OF CHARGES

For the Transmission of Telegrams on the Lines of Electric Telegraph belonging to the General Government of New Zealand.

	Nelson.	Havelock.	Picton.	Blenheim.	Wellington.	Kaikoura,	Cheviot.	Kaiapoi.	Christchurch.	Heathcote.	Lyttelton.	Timaru.	Oamaru.	Waikouaiti.	Dunedin.	Port Chalmers.	Tokomairiro.	Balclutha.	Invercargill	Bluff.
Nelson Havelock Picton Blenheim Wellington Kaikoura Cheviot Kaispoi Christchurch Heathcote Lyttelton Timaru Oamaru Waikouaiti Dunedin Port Chalmers Tokomairiro Balclutha Invercargill Bluff	-2 2 2 2 3 3 4 4 4 4 4 4 4 5 5 6 6 6 6 6 6 6 7 7	2 2 2 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6	22 123334444455556666	221 233344455555666	3 3 2 2 3 4 4 4 4 4 5 5 5 6 6 6 6 6 6 6	33333   22333344445555566	433342 22223444445555	4443422 11133344444555	4444444444444455	444443211 13344444455	444444444444444444444444444444444444444	554454333333 23333344	5555544333332 2223344	655554444432 22234	65556544444322 12233	6 6 5 5 6 5 4 4 4 4 4 4 3 2 2 1 2 2 3 3	6665654444433222   133	6 6 6 6 6 5 5 4 4 4 4 3 3 2 2 2 1 3 2	6 6 6 6 6 6 6 5 5 5 5 5 5 5 4 4 3 3 3 3 3 2 1	76666655555444333331

5. Delivery of Telegrams.—Telegrams will be delivered free of charge within one mile of the station to which they may be addressed and transmitted. Beyond that distance, cab or omnibus fare, or horse-hire, will be charged as necessary. Telegrams which are required to be delivered on ship board, or across the water, will be charged the boat expenses incurred.

6. All telegrams must be pre-paid.

7. The repetition of a telegram will be charged at half-rate.

8. All telegrams will be held as strictly confidential.

## GENERAL GOVERNMENT ELECTRIC TELEGRAPH.

ORDINARY CHARGES-1 TO 100 WORDS.

1	1	2	3	4	5	6	7		1	2	3	4	5	6	7
No.	1d. per word.	13d, per word.	2d, per word.	23d, per word.	3d, per word.	34d, per word,	4d. per word.	No.	1d, per word.	14d, per word, 2d, per word,		24d, per word,	3d. per word.	3½ per word.	4d. per word.
1 2 2 3 3 4 5 6 7 8 9 9 100 1112 1314 14 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	$\begin{smallmatrix} & & & & & & \\ & & & & & & \\ & & & & & $	\$\begin{array}{c} d.\frac{1}{2} & d.\frac{1}{2	*. d. 2 2 2 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8. 0 2 5 7 6 6 6 6 6 6 6 6 6 7 7 7 7 8 8 4 6 8 9 9 9 9 9 10 10 25	8. d. 3 0 6 6 0 9 9 3 6 6 3 9 9 3 6 6 6 9 9 7 7 7 9 9 8 0 3 8 6 6 9 9 9 0 10 3 11 0 9 9 11 10 3 11 6 6 11 12 2 6 1	s. d. 3t   0 7   0 10t   1 5t   1 9   2 0t   2 1 5t   2 2 1   3 6   3 1t   4   4   2 7t   2 1   3 6   3 1t   4   4   4   1   4   4   1   4   5   6   6   6   6   7   7   7   1   1   6   6   6   7   9   1   1   1   1   1   1   1   1   1	s.d. 0 4 9 1 1 4 1 1 2 0 0 2 2 4 8 3 4 0 4 4 4 4 8 8 5 5 4 4 4 4 4 8 8 5 5 4 4 8 8 8 8	511 522 533 544 555 667 677 588 69 609 700 774 775 789 800 81 82 83 844 85 86 87 88 89 90 90 90 90 90 90 90 90 90 90 90 90 90	8.43.45.67.89.011.01.23.44.44.44.65.55.55.55.55.55.55.66.66.66.66.66.66.	s. d. 44 6 6 6 6 6 7 6 6 10 6 10 7 7 1 8 1 7 7 7 7 9 7 7 7 9 7 7 7 9 8 8 1 8 8 9 9 1 9 10 10 12 10 6 10 10 11 11 13 11 11 12 12 10 12 12 12 12 12 12 12 12 12 12 12 12	s. d. 8 8 8 8 8 9 0 9 9 2 4 9 9 6 6 9 9 10 10 0 0 111 22 10 111 11 11 11 11 11 11 11 11 11 11 11	£ s. d. 0 10 7½ 0 10 10 0 11 0½ 0 11 13 0 11 5½ 0 12 11 0 12 3½ 0 12 8½ 0 12 11 0 12 3½ 0 12 8½ 0 12 11 0 13 4 0 13 6½ 0 13 11 0 13 6½ 0 14 4½ 0 15 0 0 14 9½ 0 15 10 0 16 0 0 16 0 0 16 0 0 16 0 0 17 1 0 17 3½ 0 17 6 0 17 11 0 17 3½ 0 18 4 0 18 6 0 16 10½ 0 17 11 0 17 11 0 17 11 0 18 4 0 18 6 0 18 9 0 18 11 0 19 9½ 1 0 0 19 9½ 1 0 0 19 9½ 1 0 0 19 9½ 1 0 0 19 9½ 1 0 0 19 9½ 1 0 0 5 ½ 1 0 10 10	£ s. d. 0 12 9 0 0 13 0 0 13 0 0 13 0 0 14 3 0 0 14 4 3 0 0 15 0 0 0 16 0 0 16 0 0 16 0 0 16 0 0 16 0 0 16 0 0 16 0 0 17 3 0 0 17 0 0 18 0 0 0 19 0 0 19 0 0 19 0 1 0 0 1 1 0 0 1 1 1 1	£ s. d. d. 0 14 10½ 0 15 2 0 15 5½ 0 16 0½ 0 16 0½ 0 16 10 0 16 11 0 17 2½ 0 18 1 1 0 18 8 0 18 11½ 0 18 8 0 18 11½ 0 19 6½ 1 1 0 1½ 1 1 0 5½ 1 1 1 0 1½ 1 1 0 5½ 1 1 1 0 1½ 1 1 1 0 5½ 1 1 1 0 1 1½ 1 1 1 0 1 1½ 1 1 1 1 1 1	£ s. d. 0 17 4 0 17 4 0 18 4 0 0 19 4 0 19 5 0 11 1 1 1 2 4 1 1 1 2 4 1 1 1 1 1 1 1 1

As half-pence are not admitted in the accounts, the full penny will be charged in all cases where a half-penny may occur. Minimum charge, 10 words.

# GENERAL GOVERNMENT ELECTRIC TELEGRAPH.

	TENE	Pne	ss Charges-	-10 TO 1000 T	Words.		
Sc.	Scale 1.		3	4	5	6	7
Number of Words.	5s. per Hundred Words.	5s. 10d. per Hundred Words.	6s. 8d. per Hundred Words.	7s. 6d. per Hundred Words.	8s. 4d. per Hundred Words.	9s, 2d. per Hundred Words,	10s. per Hundred Words.
10 20 30 40 50 60 70 80 90 100 200 300 400 500 600 700 800 900 1000	£ s. d. 0 0 6 0 1 0 0 1 6 0 2 0 0 2 6 0 3 0 0 4 0 0 4 6 0 5 0 1 0 0 1 5 0 1 10 0 1 15 0 2 0 0 2 5 0 2 10 0	£ s. d. 0 0 7 0 1 2 0 1 9 0 2 4 0 2 11 0 3 6 0 4 1 0 4 3 0 5 8 0 5 10 0 11 8 0 16 6 1 3 4 1 9 2 1 15 0 2 0 10 2 6 8 2 12 6 2 18 4	£ s. d. 0 0 8 0 1 4 0 2 0 0 2 8 0 3 4 0 4 0 0 5 4 0 6 0 0 6 8 0 13 4 0 18 0 1 6 8 1 13 4 2 0 0 2 6 8 2 13 4 3 0 0 3 6 8	£ s. d. 0 0 9 0 1 6 0 2 3 0 3 9 0 4 6 0 5 3 0 6 0 0 7 6 0 15 0 1 2 6 1 10 0 1 17 6 2 12 6 3 0 0 3 7 6 3 15 0	£ s. d. 0 0 10 0 1 8 0 2 6 0 3 4 0 4 0 0 5 0 0 6 8 0 7 6 0 8 4 0 16 8 1 5 0 1 13 4 2 1 8 2 10 0 2 18 4 3 6 8 3 15 0 4 3 4	£ s. d. 0 0 11 0 1 10 0 2 9 0 3 8 0 4 7 0 5 6 0 6 5 0 7 4 0 8 3 0 9 2 0 18 4 1 7 6 1 16 8 2 5 10 2 15 0 3 4 2 6 4 11 18	£ s. d. 0 1 0 0 2 0 0 3 0 0 4 0 0 5 0 0 6 0 0 7 0 0 8 0 0 10 0 1 10 0 1 10 0 2 0 0 2 10 0 3 0 0 4 0 0 4 10 0 5 0 0

Minimum charge, 10 words. By "Press Telegram" is meant intelligence transmitted for bond fide publication in the regular newspapers and journals.

	ORDINARY TELEG	Press Telegrams.									
Number of Scale.	Number of Miles Distances.			Per 10 Words.		Word.	Number of Scale.		100 ords.		r 10 ords.
1 2 3 4 5 6 7	Under 25 miles 25 and under 100 miles 100 and under 200 ,, 200 and under 350 ,, 350 and under 500 ,, 600 and under 700 ,, 700 and over	4::::::::::::::::::::::::::::::::::::::	s. 0 1 1 2 2 2 3	d. 10 3 8 1 6 11	s. 0 0 0 0 6 0	d. 1 112 2 212 3 312 4	1 2 3 4 5 6 7	s. 5 5 6 7 8 9 10	d. 0 10 8 6 4 2	s. 0 0 0 0 0 0	d. 6 7 8 9 10 11 0

# DISTANCES BETWEEN VARIOUS STATIONS OF ELECTRIC TELEGRAPH DEPARTMENT,

			Nelson.	Picton.	Blenheim.	Wellington.	Kaiapoi.	Christchurch.	Heathcote.	Lyttelton.	Timaru.	Oamaru.	Dunedin.	Tokomairiro.	Invercargill.	Bluff.
			Mls.	Mls.	Mls.	Mls.	Mls.	MIs.	Mls.	Mls	MIs.	Mls.	Mls.	Mls.	Mls.	Mls.
Nelson	***		***	60	80	140	276	288	392	296	392	452	532	568	682	702
Picton	***		60		20	80	216	228	232	236	332	392	472	508	622	642
Blenheim	***	***	80	20		60	196	208	212	216	312	372	452	488	602	622
Wellington	7000		140		60		256	268	272	276	372	432	512	548	662	682
Kaiapoi			276	216	196			12	16	20	116	176	256	292	406	426
Christchurch	***		288	228	208	268	12	***	4	8	104	164	244	280	394	414
Heathcote	101		292		212		16		***	4	108	168	248	284		418
Lyttelton	***		296	236					4		112	172		288		422
Timaru	***		392	332			116	104	108	112	***	60		176		310
Oamaru	***	***	452	392	372		176	164	168	172	60		80	116		250
Dunedin		***	532	472			256	244	248	252	140	80		36		170
Tokomairiro	***	***	568	508				280	284	288	176	116			114	
Invercargill	***	***	682	622					398	402	290	230		114		20
Bluff	***	***	702	642	622		426	414	418	422	310	250				
Diun		***	7.02	042	022	002	920	414	410	.F22	210	250	170	109	20	

# TABLE OF FEES IN RESPECT OF PROCEEDINGS BEFORE RESIDENT MAGISTRATES.

	17.3 02	Under 20.	010 -13 -010	To and ander Tro.	000 1 1 000	The and up to the	Above £20 and up	inclusive of £50.	Above £50 and up	inclusive of £75.	Above £75 and up	inclusive of £100.
	8.	d.	S.	d.	8.	d.	S.	d.	S.	d.	8.	d.
Summons	1	0	2	0	8. 3 3 3	0	4	0	s. 5	0	6	0
Summons to witness	1	0	3	0	3	0	3	0	3	0	3	0
Service of summons, if within one mile from the Court-house	3	0	3	0		0	3	0	3 1 8	0	3	0
For every extra mile, one way	1	0	1	0	1	0	1	0	1	0	1	0
Hearing	2	0	4	0	6	0	6	0	8	0	10	0
Adjournment of hearing on application either of plaintiff or			170									
defendant	1	0	2	0	3	0	4	0	4	0	4	0
Swearing witnesses, exceeding three witnesses on either side	1	0	1	0	3 1 3 6	0	2 4	0	2 5 8	0	2	0
Entering up judgment	1	0	2 4	0	3	0	4	0	5	0	6	0
Writ of execution against goods	2	0	4	0	6	0	6	0	8	0	10	0
Writ of execution against person	2 2	0	4	0	6	0	6	0	8	0	10	0
Executing any writ of execution beyond one mile from the	100			100	100		12		122		TOWN.	
Court-house-for every extra mile, one way	1	0	1	0	1	0	1	0	1	0	1	0
Poundage on sum levied or received under distress, or for	100	-			1		100	16	1			
which the body is taken in execution—for every pound	1	0	1	0	1	0	1	0	1	0	1	0
Forkeeping possession, per diem, any sum not exceeding		0	8	0	8	0	8	0	8 1	0	8	0
Forevery mile, one way	8	0	8 1	0	8 1	0	1	0	Ĭ	0	1	0
Auctioneers' commission on goods sold, not exceeding 5 per cent	1	50.11	1000	10000	-	1	-		15	238	II.	100
Advertising, not exceeding 3s. per inch, and proportional rates for additional lines					-				100			
Bailiff's fee for executing any writ of execution	5	0	5	0	5	0	7	6	10	0	15	0
For every search	1	0	1	0	5	0	1	0	1	0	1	0
For every document required in proceedings, and not enumerated	1000		12.62	11-1	1000		1		PER			
in this schedule, not exceeding two folios of 90 words each	2	0	2	0	2	0	2	0	2	0	2	0
	0	8	0	8	0	8	0	8	0	8	0	8
For every complete folio of ninety words above two	0	8	0	8	0	8	0	8	0	8	0	8

## GENERAL GOVERNMENT OFFICES.

## POST-OFFICE DEPARTMENT.

CHIEF OFFICE, CHRISTCHURCH.

Chief Postmaster for the Province—F. E. Wright. Chief Clerk—T. Turrell. Clerks-D. N. Inwood, J. Schrader, G. Bull, I. Shrimpton, W. B. Allwright, Henry Maddison, G. J. Whitehead, C. A. Blake. Letter Carriers—W. Moore, John H. Tovey, M.

W. Baynes. Messenger-Thomas Holden.

#### RECEIVING OFFICES.

CHRISTCHURCH-Steven's, Jacombs', Sutherland's, Cooke's, Dix's, Pillar Receivers-Corner of Cambridge Terrace and Hereford street, and Railway Station gate.

PERSONS LICENSED TO SELL STAMPS.

CHRISTCHURCH-A. T. W. Bradwell, S. A. Pope, A. J. Stevens, —Jacombs, R. Robinson, J. C. Brooke and Co., C. J. Reader.

#### LYTTTELTON OFFICE.

Postmaster-J. T. W. Wilkin. Clerks-F. Back, John Grubb. Letter Carrier and Messenger-W. F. Day. Receiving Officer-E. Mills. Pillar Receivers-Norwich Quay and Dublin street.

HOKITIKA OFFICE.

Postmaster-A. J. Stevenson.

GREYMOUTH OFFICE.

Postmaster-J. F. McBeth.

TIMARU OFFICE.

Postmaster-John W. Wilkin. Clerk-W. W. Beswick.

KAIAPOI OFFICE.

Postmaster-James Alexander. Letter Carrier-J. L. Wilson.

AKAROA OFFICE.

Postmaster-C. Bridge.

LOCAL POSTMASTERS.

ADDINGTON-John Rankin. AROWHENUA-T. Paterson. ASHBURTON FORKS—Anthony Thompson.
ASHBURTON—Wm. Turton.
BEALEY—J. M. Munce. CASS RIVER-COURTENAY-Charles White. COAL TRACK—George Bedford. DUVAUCHELLE'S BAX—John B. E. Taylor. EYRETON.-Wm. Cox. FERRY ROAD-J. H. Hopkins. GOVERNOR'S BAY-Wm. Blatchford. HAREWOOD ROAD-John Taylor.

HEATHCOTE VALLEY-Wm. Sinclair. HEATHCOTE RAILWAY STATION-Geo. Fitzmaurice. HURUNUI-John Hastie. Kowai (Leithfield)—J. S. Woodhouse. Kowai Pass (West Coast Road)—Simon McRae. LEESTON-Jas. Carston. LITTLE RIVER-Wm. Coup. LITTLE AKALOA-Geo. Bolevn. LAKE TEKAPO-MOERAKI DOWNS-John Messent. MALVERN HILLS-George Grainger. ORARI-Thos. Wadsworth. OKAIN'S BAY-Geo. Bishop. OXFORD—Thos. Woodfield. PIGEON Bay—Jas. Pitcaithley. PLEASANT POINT—D. C. Kee. PREBBLETON—James Blyth. PORT LEVY-James Harris. PAPANUI-F. T. Haskins. RAKAIA-Thos. Hetherington. RANGIORA-Henry Blackett. RANGITATA-Robt, Rae. RICCARTON-Frank Slee. ROLLESTON—Patrick Gilmore. SALTWATER CREEK—D. Cameron. ST. ALBANS-Daniel Pine. SELWYN-A. McDonald. SELWYN FORKS—Edward Derrett. Snowdon—John March. SPRINGSTON-W. J. Sercombe. TEMPLETON-Alfred Blackburn. TIMUKA—Julius Mendelson. WAIMATE—J. Manchester. WAITANGI-D. Brown. WOODEND-Thos. Booth. WINDWHISTLE HOUSE-B. Bulmer. WAIHI-Chas. Bishop. WEKA PASS-Thos Ross.

## CUSTOMS DEPARTMENT.

PORT OF LYTTELTON.

LYTTELTON CHIEF OFFICE.

Deputy Commissioner of Customs and Collector for Province of Canterbury, Comptroller of Customs and Navigation Laws, Registrar of British Shipping under Imperial Act of Par-liament, also Arms Licensing Officer, at Luttelton-William Mills.

Landing Surveyor and Chief Landing Waiter for Lyttelton and Christchurch, and Immigration Officer-Henry F. Andrews.

Chief and Statistical Clerk-Dougald M'Kellar. Warehouse Keeper—Charles Ward.
First Landing Waiter—William Townsend.
Longroom Clerk and Cashier—
Landing Waiter—Joseph Carder. Clerk-John Mills. First Locker-J. A. Plimmer. Second Locker-Tide Surveyor-Charles Wade.

Senior Tide Waiter-Peter Heddel. Tide Waiters-David Day, and Alfred William Rouse.

## CHRISTCHURCH BRANCH OFFICE.

First Landing Waiter-Charles James Hodge. Clerk and Acting Warehouse Keeper— Landing Waiters—John Death and Wilson Heaps. First Locker-Atkinson M Dowell. Second Locker-James Henry Fysh.

Collection of Light Dues, and Duties of Shipping Master at Lyttelton, performed by Customs Department at Lyttelton and Christchurch.

KAIAPOL.

Locker-George Freeman Hewlings.

PORT OF AKAROA.

Sub-Collector and Arms Licensing Officer, and Harbour Master-Robert Greaves.

PORT OF TIMARU.

Sub-Collector and Immigration Officer under the Imperial Passenger Acts, 1855 and 1863, and Arms Licensing Officer — Charles Edward Cooper. Clerk-A. Hart.

## ARMS LICENSING OFFICERS.

LYTTELTON-W. Mills. AKAROA-R. Greaves. TIMARU-C. E. Cooper. HORITIKA-E. Patten.

## SUPREME COURT. CANTERBURY JUDICIAL DISTRICT.

Judge-His Honor Henry Barnes Gresson. Judge's Secretary-Silas James Stedman. Registrar-Edward S. Wilcocks. Chief Clerk-Richard Davis. Second Clerk-Henry Wood. Third Clerk-William Vigers Sheriff-Alexander Back. Crown Solicitor-T. S. Duncan. Messenger-James Molloy.

#### WESTLAND JUDICIAL DISTRICT.

Judge-His Honor Christopher William Richmond. Registrar-Robert Abbott. Clerk-W. R. Hasleden. Sheriff-George S. Sale. Crown Solicitor-James Henry O'Loughlin.

## REGISTRARS OF BIRTHS, MARRIAGES, AND DEATHS.

CHRISTCHURCH-Burrell Parkerson. Deputy: T. W. Maude. LYTTELTON-James Townsend. ARAROA-D. Watkins. TIMARU-B. Woolcombe, R.M. Deputy: Herbert Belfield. KAIAPOI—Charles Dudley, J.P. RANGIORA—W. B. Tripe. MOUNT GREY—M. Morris.

AMURI-Hugh McIlraith.

KAIKORAS-C. R. Keene.

Oxford-James Boys.

GERALDINE-L. L. Brown. ASHBURTON-W. S. Peter. WESTLAND-Edward Patten.

#### OTHER OFFICES.

Coroners—Christchurch, J. W. S. Coward. Lyttelton, W. Donald. Timaru, B. Woolcombe. Kaiapoi, C. Dudley. Ashburton, A. C. Croft. Hokitika, S. Beswick.

Conveyancing Counsel under Land Registry Act-C. J. Foster, L.L.D.

Native Department-Medical Officer (Banks' Peninsula), vacant. Kaiapoi, C. Dudley.

Native Assessors-Haeana Huri, of Raupaki. Paora Taki, of Port Levy.

Registrar of Deeds and Joint Stock Companies— G. Bowron. First Clerk, George Denham. Second Clerk, A. Pinwell. Third Clerk, W.

Receiver of Land Revenue-W. J. W. Hamilton.

Sub-Treasurer-Christchurch, W. J. W. Hamilton.

Inspectors under Diseased Cattle Act, 1861— Thomas Hill, M.R.C.V.S., A. Sproul, H. Bel-field, T. W. Hall, M. Studholme, H. Wilson, H. Parker, G. B. Parker, R. M'Murdo, P. B. Boulton, R. Greaves.

Mercantile Assessors under Debtors and Creditors Act-George Buckley, J. D. Macpherson, Thos. Ritchie, William Day.

Medical Officers under the Vaccination Act, 1863
—Christchurch district, L. Powell. Akaroa district, D. Watkins. Katapoi district, Chas. Dudley. Lyttelton district, J. T. Rouse. Mount Grey district, M. Morris. Rangiora and Oxford districts, W. B. Tripe. Timaru district, E. Butler.

## PUBLIC VACCINATORS.

## CHRISTCHURCH,

Comprising the Electoral Districts of Christchurch, Heathcote, and Avon: The Surgeon for the time being of the Christchurch Hospital.

#### LYTTELTON.

Comprising the Electoral Districts of Lyttelton and Port Victoria : J. T. Rouse, Esq.

RANGIORA AND OXFORD,

W. B. Tripe, Esq.

KAIAPOI.

Charles Dudley, Esq., M.D.

MOUNT GREY,

Matthew Morris, Esq.

TIMARU.

Comprising the Electoral Districts of Timaru and Geraldine: Edward Butler, Esq.

AKAROA,

Comprising the Electoral Districts of Akaroa and the Bays: D. Watkins, Esq.

ELECTRIC TELEGRAPH IN CHRIST-CHURCH.

Officer in Charge-J. A. Hutton. Counter Clerk-L. Johnston. Assistants-J. Durgan, L. M. Shrimpton, J. G.

## DISTRICT COURT, WESTLAND.

Judge-E. Clarke Clerk-E. Hardcastle Bailiff-T. Kenrick

## RESIDENT MAGISTRATES' COURTS.

Resident Magistrates-Christchurch, C. C. Bowen; Lyttelton, W. Donald; Akaroa and Pigeon Bay, J. Watson; Timaru, B. Woollcombe; North Canterbury district, W. B. Pauli; Hokitika, Gerald G. FitzGerald; Greymouth, William Horton Revell: Totara, Justin Avlmer: Okarita, M. Price.

Clerks to the Bench-Christchurch, T. B. Bain; Lyttelton, J. Townsend; Kaiapoi, F. G. Hewlings; Akaroa, Cyprian Brook; Timaru, H. Simmonds; Leithfield and Rangiora, E. Sim-mons; Hokitika, F. de C. Malet; Greymouth, Henry Kenrick; Totara, James Simpson.

Bailiffs—Christchurch, W. E. Burke; Lyttelton, H. Brooks; Hokitika, Thomas Kenrick and Thos. Christian; Timaru, E. Duff; Kaiapoi, M. Lynskey.

Interpreter to Courts-Rev. J. W. Stack.

### CHRISTCHURCH BENCH.

The annual meeting to revise the Jury List is held on the 1st February in each year.

The annual meeting to grant Slaughter-house licenses is held on the 31st of August in each year.

The annual Public House Licensing Meeting begins on the first Tuesday in May.

The Quarterly Pullic House Licensing Meetings are held on the first Tuesdays in March, September,

Meetings for transferring licenses are held on any

Debt cases, under £20, are heard every Tuesday and Thursday; those over £20, every Wednesday; summary proceedings, assaults, &c., every Thursday; and Police cases every day.

## ELECTORAL OFFICERS.

Principal Returning Officer (for the election of Superintendent); William Donald. Deputy ditto : William Wilson

Returning Officers in Canterbury (for Members of the House of Representatives, in the districts set opposite their names,) viz :- City of Christchurch, Avon, Heathcote, Kaiapoi, Town of Lyttelton, Mount Herbert, Thomas William Maude; Westland, G. S. Sale: Gladstone and

Timaru, B. Woollcombe; Cheviot, J. Birch; Ashley, W. B. Pauli; Akaroa, J. Watson; Selwyn and Coleridge, E. J. Lee.

Returning Officers (for the Election of Members of the Provincial Council of Canterbury, in the districts set opposite their names):—City of Christchurch, Papanui, Riccarton, Heathcote, Town of Lyttelton, Lincoln, Town of Kaiapoi Sefton, Oxford, Rangiora, Port Victoria, Waipara, Mandeville, William Donald; Town of Akaroa, Wainui, and the Bays, E. C. Latter; Rakaia and Selwyn, E. J. Lee; Ashburton, C. P. Cox: Geraldine, Town of Timaru, Waitangi, Waimate, and Seadown, B. Woollcombe; Mount Cook, F. W. Teschmaker; Town of Hokitika, Town of Greymouth, and Westland, G. S. Sale.

POLLING PLACES FOR THE ELECTION OF MEMBERS OF THE PROVINCIAL COUNCIL OF THE PROVINCE OF CANTERBURY.

CHRISTCHURCH-Town Hall. LYTTELTON-Town Hall. RICCARTON-School-house, Riccarton. Avon-School-house, Riccarton. School-house, Papanui.

PAPANUI-School-house, Papanui. HEATHCOTE-Road Board Office, Ferry road. School-house, Lincoln road.

KAIAPOI-Resident Magistrate's Office. RANGIORA-Resident Magistrate's Office. MANDEVILLE-School-house, Kaiapoi Island. School-house, Woodend.

OXFORD—Survey Office, Oxford. SEFTON—Road Board Office, Sefton. LINCOLN-School-house, Prebbleton. PORT VICTORIA-Residence of C. Vigers, Esq.,

Governor's Bay. AKAROA-Resident Magistrate's Office. WAINUI-School-house, Duvauchelle's Bay. THE BAYS-School-house, Okain's Bay.

School-house, Pigeon Bay.

Selwyn—Road Board Office, Leeston. G. A. E. Ross' Woolshed, Bealey Track. RAKAIA.—Ford's Woolshed, Selwyn Forks. Rhodes' Woolshed, Racecourse Hill. ASHBURTON-T. Moorhouse's Woolshed.

TIMARU-Resident Magistrate's Court. Geraldine—Resident Magistrate's Office, Arowhenua; and Mr. Cox's Woolshed, Orari.

WATPARA-G. Moore's Woolshed. WAITANGI-Sheath's Woolshed, Te Ngawai. H. Mever's Woolshed.

F. Jollie's Woolshed. MOUNT COOK-Teschmaker's Woolshed. WAIMATE-Studholme's Woolshed. SEADOWN-Level's Woolshed. HOKITIKA-Warden's Court. GRBYMOUTH-Warden's Court. WESTLAND-Warden's Court, Hokitika.

Warden's Court, Greymouth. Warden's Court, Waimea. WESTLAND-Warden's Court, Kanieri. Warden's Court, Ross. Warden's Court, Okarita.

## THE MOORHOUSE TUNNEL.

AT 6.30 a.m. on Friday, the 24th May, 1867, communication was established between the two drives in the tunnel, by the miners on the Port side breaking into a drill hole sunk some days previously in the face of the Heathcote drive. After a few minutes spent in enlarging the opening, an iron rod was passed through from drive to drive, the distance between the two faces being fourteen feet. The alignment and the levels were thus proved to have been perfectly correct, and the tunnel was practically completed.

To write an intelligible account of the Moorhouse Tunnel, it is necessary to go back to the earliest records in the history of Canterbury. For, out of the geographical difficulty of communication between the Port and the Plains which met the first settlers on their landing, and which has ever since seriously impeded the progress of the province, arose the conception of the great work which may now be said to be virtually completed. There are many still among us who can recall the feelings of dismay and disappointment with which the lofty hills surrounding Lyttelton were first regarded. Beyond, lay an almost interminable plain, which, even to the unpractised eye of the new comer, gave promise of full return for the labour that might be expended upon it. But before this could be reached a barrier of formidable dimensions interposed in the shape of lofty abrupt hills, and no available means existed of overcoming the difficulty. It must have required all the courage and resolution with which the early settlers were so amply endowed, to have faced this serious and unexpected difficulty. The records of that date prove that it was universally felt to be the one drawback to the progress of the settlement, and that it caused great anxiety and disappointment to all the settlers. Many of the earliest pilgrims had been led to believe that they would find a practicable road leading to the plains, and their chagrin was proportionately great on finding their anticipations incorrect. From the first, then, we find one of the chief subjects of public interest to have been, the discussion of the best means of communication between the Port and the Plains.

When the first ships arrived with settlers there were but two ways of reaching the plains. One by scrambling over the hill, either by the line of the present bridle path or by Cass' Bay to Riverlaw, the other by taking boat and going round by Sumner and up the Avon to the Bricks Wharf, nearly opposite the Cemetery. At that time the Heathcote was considered not to be navigable. A line of road via Sumner had indeed been surveyed by Capt Thomas, but it was found impossible to proceed with it for want of funds. The incomers, as a rule, footed the hill while their goods went round by Sumner, and not unfrequently came to grief, for at that time the bar was imperfectly known, and decked river crafts were hardly to be obtained. In a short time a tolerable bridle path over the hill was finished, which has been widened and improved from time to time, and is still the principal medium of communication for foot and horse passengers. The completion of a cart road from the foot of the hill on the Heathcote side to the river, the establishment of a ferry there, and the construction of a road to Christchurch, followed within the first year, and greatly promoted the convenience of travellers. About the same time the Heathcote was found to be navigable, and Christchurch quay on the new road was opened. But the grand desideratum of a cart road to the plains was not yet to be accomplished. In December, 1851, a meeting of the Society of land purchasers was held to consider the report of a select committee of their body upon the best means of communication. The report recommended that a sum of £30,000 should be borrowed to carry out the Sumner road. Public meetings were held both in Lyttelton and Christchurch, endorsing the views of the Society. It is curious to observe that so far back as this the subject of a railway tunnel was discussed, and only put aside as being considered premature. Apparently it was easier in those days to pass a resolution in favour of borrowing than to obtain the money, for nothing appears to have been done towards pushing on the Sumner road till the first Provincial Government took up the subject, and appointed a Commission, consisting of Messrs. Bray, Cridland, Dobson, Harman, and Jollie, to report on the several modes of communication between the Port and the Plains. These gentlemen issued a report in April, 1854, in which they recommended the Government to make a railway viá Sumner, with a tunnel below Evans' Pass to Gollan's Bay, or, if that scheme proved beyond the resources of the province, to construct a cart road viá Sumner with a tunnel through the top of Evans' Pass. This work was to be accompanied with certain improvements to the bar at Sumner. The present line of tunnel and railway was considered in the report, and though the cost was estimated only at £155,000, the scheme was considered by the Commissioners to be beyond the resources of the province. Another line was pointed out as worthy of consideration, in which the road was made to wind up the spurs at the back of Lyttelton to a tunnel 600 yards in length at the head of the gully, descending into Dampier's Bay at an elevation of 520 feet above the sea.

The Government decided upon the road, and about a year after the date of the report referred to, the work of making the Sumner road commenced. On the 24th August, 1859, the road was formally opened by the Superintendent, Mr. FitzGerald, who drove a dog-cart over it and arrived in Lyttelton without damage, to the surprise of many of those who doubted its capabilities for traffic. It was some time after this before the road was opened for the heavy cart traffic, which from the time it commenced has gone on gradually increasing to the present date.

While the Sumner Road was under discussion and in course of construction, various efforts were being made to improve the river navigation. It is a singular fact that in those days the idea of using the Heathcote river for the purposes of traffic was strongly opposed by some of the Lyttelton merchants. On the 18th December, 1854, Captain Drury, of H.M.S. Pandora, reported upon the condition and capabilities of the Sumner Bar. The general tenor of the report was adverse to making any attempt to improve the

navigation by altering the natural form of the bar. The first attempt at introducing steam navigation on the river ended disastrously. The Alma, a small paddle boat, after running a short time, took the ground on the bar on the 6th January, 1856. The attempts to raise her ended in breaking her back, and her bones rest in the quicksand at the present moment. Some little time after this the course of the river was staked out by the Government, and leading marks put at the entrance. In the early part of 1858 the steamer Planet commenced to run round to the river, and from that time the number of coasting steamers has steadily increased. The sailing craft employed on the river were in the first instance confined to vessels of steadily increased. The sailing craft employed on the river were in the first instance confined to vessels of nearly 100 tons register have entered the river and discharged cargo alongside some of the various wharves which have sprung up on the Heathcote.

From the earliest period it seems to have been considered by the Government of the Province and the public that the combined traffic facilities afforded by the road and the river were insufficient, and that the construction of a more available and efficient means of communication between the Port and Plains was merely a question of time and money. The public mind was impressed with the idea that the best means of over-coming the hill difficulty was by tunnelling through it, and connecting the capital city with the port by railway. Accordingly we find that a second Commission was appointed by Government in November, 1858, to consider the subject, consisting of Messrs. Bray, Cass, Harman, Whitcombe, Wylde, Dobson, and Ollivier. A short time before this Mr. Dobson had reported to the Government that the tunnel would pass entirely through volcanic rock, and that the term of construction would be from five to seven years. The Commissioners in their report considered two leading schemes. One, that now executed, advocated by Mr. Bray, the other vid Sumner to Gollan's buy, proposed by Mr. Dobson on account of the greater depth of water at that place as compared with Lyttelton. At the same time a Commission was appointed in London, consisting of Messrs. Cummins, Selfe, and FitzGorald, with instructions to refer the question of route between Lyttelton and Christchurch to Mr. R. Stephenson. The latter referred it in turn to Mr. G. R. Stephenson, who decided, on the 10th August, 1859, in favour of the present direct route. Previously to this decision, Mr. FitzGerald, while in England, had urged very strongly upon the Government the propriety of carrying a line of railway with sharp curves and steep gradients along the Sunner road. This proposal was entirely negatived by the Commission as well as by Mr. G. R. Stephenson,

Shortly after this, the English Commissioners entered into a contract with Messrs. Smith and Knight, of London, to execute the works for the sum of £235,000 (exclusive of stations), the work to be completed in five years. The contract was subject to determination either by the Government or the contractors at any time within four months after the arrival of the contractors in Canterbury, if either the Government should be unable to provide the money, or the contractors should find on examination that the work could not be done for the money. In either case the Government had to pay the cost of making trial shafts to the extent of £3000, and to relieve the contractors from their engagements with the workmen sent out by them.

Messrs. M'Candlish and Baines, agents for Smith and Knight, arrived in Canterbury, Dec. 24, 1859, and proceeded at once to sink the shafts. In consequence of the first Railway Bill passed by the Council having been disallowed by the Governor on the 26th January, 1860, the Provincial Government was not able to give an answer to the contractors on the 24th April following, as to whether the money could be obtained for the line, and it was therefore agreed between the contracting parties that an extension of time should be allowed, the Government agreeing to pay the cost of carrying on the works. In November the Government having obtained the necessary powers for constructing the line and raising the requisite funds, signified to the contractors their readiness to proceed, but Messrs. Smith and Knight, through their agents, declined to ratify the contract, and Messrs. M'Candlish and Baines shortly after left New Zealand.

Mr. Dobson then proposed to open out the ends of the tunnel with the labour available in the colony, and to advertise for tenders for the remainder of the work. But the Council declined to accept the proposal, and a long delay occurred, during which the trial headings were slowly carried on by the working party sent out by Messrs. Smith and Knight.

In May, 1861, the Government accepted a tender from Messrs. George Holmes and Co., of Melbourne, to complete the line from Lyttelton to Christchurch, a distance of six miles, with the exception of the stations, in five years, ending June 1, 1866, for £240,500, the cost of the tunnel, 2838 yards long, being fixed at £195,000. The first sod was cut in the Heathcote Valley, on the 17th July, 1861, and this may be said to have been the date of the commencement of the tunnel works, as up to this time nothing had been accomplished beyond sinking the trial shafts, and driving 96 yards of heading, viz., 30 at the south, and 66 at the north end of the tunnel.

The plan adopted by the contractors was to mine the whole work from a wide bottom heading. To expedite the work three additional shafts were sunk, one close to each front, and one in the clay cutting at the north end of the tunnel, whilst at the same time a gullet was driven up the cutting to meet the heading. Although the ground proved very wet in places, rendering it necessary to close pole a length of seven chains through clay and sand, this plan was perfectly successful, and the timbering remained in good order until the commencement of the brick lining, at the end of the following year.

On the 29th September, 1862, Mrs. Moorhouse laid the first stone at the north end of the tunnel, that of the south being laid by Mr. John Hall, in April, 1864.

The works were at first carried on under great disadvantages. The Otago gold fever broke out soon after the commencement, and a great number of the men employed left for the new goldfield. The profitable nature of the trade between Melbourne and Dunedin made it for a time difficult to induce shipowners to take freight to Canterbury from Melbourne, whence all the plant and material for the work had to be procured, whilst the wreck of one of the mail steamers deranged the postal communications, and lastly, the amount of water met with at the Lyttelton end of the tunnel was so great that the inner heading had to be abandoned until the completion of the drive from the beach gave a natural drainage for the work.

The ventilation, which many people once thought would prove a great difficulty, has been most admirably arranged. In the first instance, air was driven in by fans worked by horse-power, but this soon proved quite insufficient, and when the works had extended some distance much time was lost owing to the difficulty of getting rid of the smoke. To obviate this on the Lyttelton side, the upper portion of the tunnel was partitioned off by a floor or brattice, about 9 feet above rail level, forming a smoke flue connected with one of the shafts, at the bottom of which was placed a furnace which, by rarifying the air, caused a steady current up the shaft and drew the smoke away from the face of the workings. A similar plan was adopted at the north end, the chimney of a forge being led into the shaft and answering the purpose of a furnace, but the brattice was only continued for a short distance beyond the upcast shaft.

On the Lyttelton side this system answered perfectly well, and the ventilation has continued good ever since; but on the Heathcote side, where the work for the last quarter of a mile has been driven by a top heading (the temporary floor being left above the permanent rail-level for drainage purposes), the ventilation at the close of the work became sluggish, and recourse was had to driving air on to the face by means of four fans driven by an eight horse steam-engine. This proved perfectly successful.

From a comparatively early period more or less difficulty has been experienced from the quantity of water which has poured down from the roof and sides of the tunnel. But the difficulties have invariably been promptly met and overcome by the ingenuity of the engineer and contractors. At the Heathcote end inconvenience was caused solely by the difficulty of getting rid of the accumulation of water. On this side there were no springs rising from the floor, as at the Lyttelton end, and what fell from the roof was in the first instance easily pumped out. Afterwards, as the level of the workings was raised, it was found necessary to adopt other means for keeping them from being flooded. A syphon was employed for this purpose, which discharged the water into the railway ditches in the Heathcote valley, at a distance of more than six hundred yards. This simple contrivance drew the water from a pump or well, to which the drainage from the inner workings was carried by a deep gutter. From the time the syphon was first introduced, it has worked successfully, and discharged without cost or labour many millions of gallons of water.

On the Port side no difficulty was experienced in getting rid of the water after the drives had once been opened out, as the drainage simply ran along the floor into the sea. The real difficulty here lay in protecting the men from the constant downpour, which at times extinguished the lights and rendered it almost impossible to continue the work. So wet was the ground for a long period that it became necessary to use waterproof cartridges, and even then misfires were continually occurring. For a long time the work was carried on under an iron shield, which was supported on runners on each side of the drive, and in some measure protected the men from the water which fell continually from the roof. After a short time the water ceased to fall, and both roof and sides are now perfectly dry, whilst the springs rising on the floor continue to run freely. This would seem to prove satisfactorily that the springs must be artesian, because soon after they were tapped and diverted, the water which had accumulated above the workings ceased to fall. This view of the matter is further confirmed by the fact that no water has been met with in the shafts at more than forty feet above high water level. It is worthy of remark that the principal spring tapped on the Port side was of the temperature of 70 deg. Fah.

On the Port side a good deal of curiosity was at one time excited by the appearance of large numbers of eels and shoals of whitebait in the drains far up the tunnel. These have, however, disappeared, being unable probably to live in the water when it became fouled with smoke, grease, and other abominations. A fine specimen of the eels has been preserved, and is now in the possession of Dr. Haast. Rats abounded in the work, breeding in the cavities, and picking up an ample living from the workmen's meals, the candles and the horse feed. A number of white rats have long been residents in the tunnel.

Ever since Messrs. Holmes and Co. undertook the contract, the work has proceeded without interruption and without pause, except for the proper observance of Sunday. The public has not, as a matter of course, been allowed to visit the works at their pleasure, otherwise we should not have been able to chronicle such a remarkable freedom from accidents; but Christmas and New Year's Days have always been kept as holidays, and on the latter the tunnel has been illuminated and thrown open to visitors. When the resources and population of Canterbury are considered, and it is remembered that for a period of six years the work of the tunnel has gone on day and night without ceasing, we think that, apart from scientific and engineering censiderations, it must be considered a very remarkable work, and command the admiration of the outer world.

In a scientific point of view, and as an example of engineering difficulties successfully overcome, the work may fairly claim the attention of the profession. The present tunnel affords, we believe, the first instance where a complete section of an extinct volcano has been opened out. The elaborate drawings prepared by Dr. Haast for exhibition in Paris will draw the attention of geologists to the fact, and doubtless

afford the greatest satisfaction to the scientific world. The rock in the tunnel may be described as a series of lava streams and beds of tufa, intersected by vertical dykes of phonolite. The lava streams generally consist of scoria, overlying a coarse pink trachyte, which passes gradually through shades of grey, purple, and blue, into a black finely-grained dolorite, intensely hard and tough; the lightest and softest rock being at the top, and the densest and blackest at the bottom. Regarded from an engineering point of view, the work must be considered eminently successful. Wherever difficulties have been met they have been quickly and successfully overcome. The system of ventilation has proved perfectly adapted to the requirements of the case, and has been not only effective but simple and comparatively inexpensive. It is worthy of remark that the engineers of the Mont Cenis tunnel have since found it necessary to adopt similar means of ventilation in that famous work.

The system employed to secure the correctness of the alignment of the two ends of the tunnel was very simple. A permanent mark was fixed in the centre line of the tunnel, on a tower built on the dividing range, nearly midway between the two ends. A transit instrument being placed on the meridian of the tunnel as well as of the tower on the hill, it could be seen at once whether the flame of a candle placed in the centre line of the work inside the tunnel was in a vertical plane with the mark on the tower. But it was also desirable, in case of error, to have the means not only of correcting but of calculating the amount of such error, and this could be readily done. The permanent mark on the central tower consisted of a batten six inches wide, with a black stripe one inch wide down the centre. The eye-piece of the transit instrument being furnished with five vertical wires placed at equal distances apart, the value of the space between any two wires at a distance equal to that of the mark on the tower can be ascertained by reference to the width of the batten, which thus gives a scale by which the error in the position of a light placed in the tunnel under the tower can be rated with great exactness. It has been by this means that the alignment has been tested from time to time, and the proof of the correctness of the system has been established by the present results.

In spite of the peculiar character of the work the health of the men has been generally very good. Accidents have been of rare occurrence, and of comparative unimportance. Only two fatal cases have occurred during the long term of the work, and these we fear must with justice be attributed to the carelessness of the poor fellows who perished—a carelessness against which no amount of precaution could have availed. One of the men died from internal hemorrhage caused by a blow received from the sudden ignition of a charge which had missed fire, and which he was engaged in boring out without proper precaution. The other died from the effects of burns received from a powder explosion, caused by throwing the snuff of a candle upon loose powder. The man was engaged at the time in constructing cartridges for the miners. In addition to these fatal cases, there occurred one of loss of sight, another of a broken leg, and a few cases of contusion and other trifling hurts, which, under the eare of Dr. Rouse, of Lyttelton, who has attended the men throughout, were soon satisfactorily disposed of. This singular freedom from accident may fairly be attributed to careful arrangement generally, and to the superior character and ability of the foremen, Mr. Edward Walker and Mr. Harry Smith, who have superintended the work throughout. A great deal is also due to the general superior morate of the men themselves.

Throughout the whole period there have been no strikes or disturbances among the men. They have been well treated by their employers, and have behaved well in return. This pleasant understanding has probably been cemented by the interest taken by the engineer and the contractors in the men's amusements. Mainly through the instrumentality of these gentlemen the miners and others connected with the Railway works were encouraged to enrol themselves as a Volunteer Company. No. 8 C.R.V. soon became eminent for its band, and has gained a deserved reputation for good shooting.

Messrs. Holmes and Co. have had to contend with difficulties quite serious enough to have frightened men less determined and persevering than they have proved themselves to be. Scarcely had they commenced work before the sudden discovery of gold in Otago upset all previous calculations as to the cost of labour, and seriously interfered with the shipping arrangements, by which they hoped to receive the bulk of their plant from Melbourne. Hardly had this excitement quieted down before the Canterbury goldfields were discovered, and the West Coast road created a demand for the special kind of labour required in the tunnel, thus depriving the contractors of many of their most practised hands. But these and numberless other minor difficulties have never interfered with the work, which has been continued night and day, more as if it had been carried on by mechanism than by the labour of sentient human beings. To the contractors' steadiness and perseverance the province mainly owes the fact that this weary work has been brought to a successful issue.

And not to the contractors only, but to the engineer, Mr. Edward Dobson, is a debt equally due. Of him it may be fairly said that, latterly, his whole energies—his very being—have merged themselves into the tunnel. Whatever the most unwearied care and the closest supervision could effect for the benefit of the great work has been done by him. His name deserves to be, and doubtless will be, brought prominently before his professional brethren in the old world as soon as the successful result of this great experiment becomes known.

The total length of the tunnel, as nearly as can be ascertained at the present moment, is in round numbers 2870 yards, or about 30 yards more than the contract measurement, and the cost, according to the contract, is £195,000.

According to the design drawn in London, the tunnel would have entered Lyttelton at a slight curve. This part of the plan was altered, so as to give a straight run throughout.

At a very early hour on May 29,—somewhere about 3 a.m.,—the miners on the Lytteiton side succeeded in making a practicable breach in the tunnel; whereupon they rushed through, and after having paid a valley. As soon as the contractors were made aware of the fact, they sent an impromptu invitation to his Lytteiton. A certain number of official friends of his Honor were included in this invitation, and also 12 p.m.:—His Honor the Superintendent, asking him to pass through the tunnel and afterwards lunch with them in several private friends of the contractors. A train containing the following gentlemen left Christehurch at Aynsley, Reoves, Donald, Hamilton, Major, Coster, Rouse, C. R. Blakiston, A. F. N. Blakiston, Maude, Hennah, R. Holmes, and Dr. Haast. At about 1 p.m. the party started on their journey through the tunnel, mouth of the tunnel, and played some appropriate airs on the arrival of the guests. The journey through travellers had to change carriages and pass through the aperture which had been made that morning. So from one side of the tunnel to the other. It was particularly noticeable that a free current of air was passing through from the Lyttelton to the Heathcote side.

On arriving at the Lyttelton end of the tunnel, Mr. G. Holmes congratulated his Honor upon the successful passage of the tunnel, to which Mr. Moorhouse replied in a few appropriate words. The company then adjourned to the Queen's Hotel, where a luncheon had been provided by the contracto 4 and through the tunnel, a party of adventurous ladies, including Mrs. Moorhouse, Mrs. Holmes, Mrs. Richardson, Mrs. Dobson, and a few others, successfully accomplished the passage, to the great delight and gratification of the miners who conducted them.

Some disappointment was at first felt in Lyttelton because notice had not been given to enable the loyal citizens of that town to turn out in form and do honour to the occasion. But as soon as it was clearly understood that the celebration was of a purely private character, and was in fact simply an invitation from the contractors to the Superintendent and a few personal friends, the feeling vanished.

On Whit-Monday the holiday makers of Christchurch were invited to a promenade through the tunnel, free of charge, and the day being extremely fine, nearly two thousand persons availed themselves of the opportunity of inspecting this work of skill and labour, so creditable to the Province of Canterbury. Messrs. Holmes and Co. ran a train of nine carriages on the railway between Christchurch and Heathcote every hour, and about noon a stream of pedestrians was to be seen threading the pleasant valley, far of such a road as this tunnel, scrambled up the face of the hill and descended from Cooper's Knob into the plains below. On that occasion the pioneers of the settlement encountered nothing but the rugged grandeur of nature, the face of which they had come to soften and subdue by the resources of art. But how changed the scene now! The human tide was turned. Men's eyes were again directed to the hills, and they traversed a good road, with many signs of cultivation on both sides; they passed a church and schoolhouse, and a multitude of neat cottages; and they saw a work which may have suggested itself to some of the more enterprising, but which few could have hoped to see executed.

On the occasion of his Honor the Superintendent formally opening the Moorhouse Tunnel, he made a handsome present to the workmen, and in return they invited him to a déjeuner in the tunnel, which took place on June 29. A section of the tunnel, in the centre, extending for thirty yards, was fitted up with flags, banners, &c. forcibly reminding the spectator of the old Moorish Halls of the Alhambra. At one end an impromptu orchestra had been erected, in which was stationed the band of No. 8 Company Canterbury Rifle Volunteers. The chair was occupied by Mr. E. Walker, foreman of works at the Lyttelton end, and the vice-chair by Mr. Smith, foreman at the Heathcote end. At the centre table were the following invited guests:—His Honor the Superintendent; Messrs. F. E. Stewart, Provincial Secretary; G. Hart and J. S. Williams, members of the Executive; E. Dobson, Railway Engineer; J. Ollivier, Provincial Auditor; G. Holmes and E. Richardson, the contractors for the railway works; and Drs. Donald and Rouse. The dinner, which comprised all the delicacies of the season, was provided by Mr. A. Cuff, of the Queen's Hotel, Lyttelton. After the removal of the Cioth, the usual loval and patriotic toasts were given and duly honoured. In responding to the toast of the Superintendent, Mr. Moorhouse paid a helief that on the opening of the railway for traffic, a large export trade would be developed, which would help to disperse the temporary depression under which the province had hitherto laboured.

### THE GODLEY STATUE.

This Statue, after great delay, was inaugurated on August 6, 1867, and the people of Canterbury are now permitted to look upon a figure which recalls to the minds of those who knew him the features of John Robert Godley. But among the thousands who were congregated in Cathedral Square on the day of inauguration, there were very few indeed who could claim that they had even seen the founder of Canterbury while he yet lived and worked, fewer still who could say that they had known him, not one who was conspicuously associated with him in the work of colonization. Among his friends and intimate fellowworkers there was no one to pronounce his eulogy. His most celebrated disciple and biographer even was absent, but it was in the service of the colony, this portion of which the dead and the living toiled to make worthy of the country whence it sprung; and John Robert Godley's life, coupled with the ceremony of August 6, is a lasting proof that the path of duty only, steadily and unswervingly pursued, will lead to such honours as men have it in their power to bestow.

I though the memoirs of John Robert Godley have been written by at least two who were among the number of his most intimate friends, there are not many of the general public who know much beyond the fact that he was the founder of Canterbury; that the province, at whose birth he presided, over whose earliest days he watched with infinite solicitude, whose faltering and uncertain steps he wisely and firmly guided has, while yet in its minority, deemed him worthy of a statue. For the benefit of these, we shall give a brief sketch of his life. We have heard it asked of late, by those who measure a man's merits and mete out his deserts in the ratio of his popularity. Why should John Robert Godley have a Statue? The answer is plain and cannot be gainsaid. John Robert Godley deserved a public statue because he set before an infant colony an example of spotless integrity, and of therough devotion to honest, manly work; because to him we owe much of the prosperity we have enjoyed, and the high position Canterbury has always held among the various provinces of the colony. We cannot estimate too highly the advantage to Canterbury—then, now, and in all time to come—which was conferred by the example and precepts of John Robert Godley. For the materials of the following sketch we are indebted to the memoir prefixed to the "Writings and Speeches of John Robert Godley," published in Christchurch in 1863, and edited by Mr. FitzGeraid.

John Robert Godley was born in 1814, in a rank of life in which the great talents he was endowed with were certain to find every means of development. He was the eldest son of Mr. Godley of Killigar, "a gentleman of good landed property, in the county of Leitrim in Ireland." His mother was sister to the Bishop of Cashel. After receiving the rudiments of education at a local school, he was sent to Harrow, where he distinguished himself by gaining two scholarships of some note. From Harrow he went to Christ Church, Oxford, and while there gained the Fell Scholarship. 'He graduated in 1835—having just attained his majority—taking a second class in classics. He adopted the law as a profession, and was called to the English bar in due course. His biographer informs us that he held few briefs, caring little for the practice but much for the principles of his profession. He devoted himself more particularly to the study of politics, in the widest sense of the word. He did not study the position, traditions, and principles of parties, but made himself conversant with the art of governing men under various conditions of life. He travelled a good deal, and in 1844, being yet a young man, published a book, entitled "Letters on America," which is said to have merited and received the notice of politicians in America as well as in England. During the terrible famine in Ireland he brought forward a scheme for the relief of his suffering countrymen. This scheme brought him more prominently before the public and stamped him as a man of large, practical ideas, founded on sound principles of political economy. The scheme was rejected by the Premier of England, although it received almost universal commendation from the public press. In 1847 Mr. Godley was a candidate for the representation of his native county in Parliament. He was defeated, entirely, as it would seem, on account of local prejudice against the portion of the county to which he belonged. It is right to add that Mr. Godley, previous to his return to England in 1852, received letters from home in which he was assured that the seat he had unsuccessfully contested in 1847 awaited his acceptance. He declined the proffered honour.

The conception of the work to which Mr. Godley devoted three years of his too short life—the foundation of the Canterbury Settlement—and which he successfully accomplished in spite of difficulties, which, to ordinary men, would have been insurmountable, dates from his introduction to Mr. Edward Gibbon Wakefield, whose name will for ever hold a prominent place in the history of New Zealand as being the actual founder of the colony. Mr Godley, we are told by the biographer already quoted, was the author of the particular design on which Canterbury was founded—though there is every reason to believe that the idea originated with Mr Wakefield—and especially of that distinguishing feature of the settlement which required that ample funds should be provided out of the proceeds of the land sales for the religious and educational wants of the community about to be established. He was also to enjoy the singular privilege of being the executant as well as the designer of the scheme. He became a director of the New Association. During the two years which it took to mature the arrangements for founding Canterbury, Mr Godley's influence and abilities were exerted to the utmost, not only in furthering this particular scheme, but in all that related to the good government of the British colonies. He left England for New Zealand in December, 1849, although, on account of his health, he had been advised to spend the winter in

Madeira. Captain Thomas, on behalf of the Canterbury Association, had preceded Mr Godley, and when the latter arrived at Lyttelton he found that the work of surveying the new settlement, so far as it had proceeded, had cost more than the Association anticipated; the embryo colony was already in debt. It seemed to Mr Godley that only one course was open to him. He stopped all works at Lyttelton, and proceeded at once to Wellington, where he resided during the remaining portion of 1850. While waiting at Wellington for the arrival of the first body of Canterbury settlers, Mr Godley devoted himself with characteristic energy to thwarting Sir George Grey-then as now Governor of the colony-in his attempt to introduce what has been called a sham constitution. In this he was successful, and on this score the whole colony owes him a debt of gratitude. Mr Godley remained in New Zealand from December, 1850, till December, 1852, and was really the supreme authority in all matters relating to the settlement he had left England to found. It is not too much to say that Canterbury owes her prosperity—humanly speaking—to his practical wisdom and wise foresight. Mr Godley was requested to become the first Superintendent of the province, but he had made arrangements for returning to England at the end of three years, and he left the province in December, 1852. Before leaving he was entertained at a public banquet held in a large marquée in Hagley Park. Of those present on that occasion there are now few in Canterbury. A race has sprung up who know the story of Mr Godley's life-if they know it at all-through tradition. To them this brief sketch may prove of some interest, and may serve to shew that there is a nobility which men do not inherit, and higher titles than those conferred by king or kaiser.

After Mr Godley's return to England he held several high appointments in the public service, literally dying m harness as Assistant Under Secretary at War in 1862. Although he had left Canterbury he did not cease to be strongly attached to the settlement. In 1854 he was appointed English agent for the province, but resigned in 1856, in consequence of his connection with the public service.

The statue which was inaugurated on August 6, was suggested by Mr Moorhouse, in opening the session of the Provincial Council on October 1, 1862. He said:—"It is my intention to request your approval of the erection of a pedestal and statue commemorative of the services of the venerated founder of the Canterbury settlement." On October 28, the Provincial Council passed the following resolution unanimously:—"That this Council, desiring to record its deep sense of the loss which the Province of Canterbury has sustained by the death of its founder, and deeming it right to preserve for ever amongst the inhabitants of the province the memory of labours to which it is so deeply indebted, as well as an example of worth and excellence in private life, and of wisdom and uprightness in the administration of public affairs, resolves—that a Statue of the late John Robert Godley be erected in the City of Christchurch on such public place as his Honor the Superintendent shall direct; and that his Honor the Superintendent be respectfully requested to take such steps as may be necessary to carry this resolution into effect; and this Council undertakes to make due provision for the cost of such a work out of the public revenues of the province." In accordance with this resolution a commission was given to Mr. Wooher for the Statue which is now placed under the guardianship of the City Council of Christchurch and the public of Canterbury.

When completed, the Statue was exhibited in London for a short time, and was pronounced by competent judges to be a life-like representation of Mr. Godley, as well as a highly successful and characteristic production of the artist. The Statue was brought to Canterbury in the ship Talbot, which arrived in Lyttelton on August 1, 1866. The erection of the pedestal—of stone from the quarry of Messrs. Ellis, and from a design and drawing by Mr. Woolner—was entrusted to Mr. Brassington. When completed, the top of the pedestal was found to be smaller than the base of the figure, and the work had mostly to be done over again. The figure was finally placed on April 3, 1867, and up to August 6 was allowed, without any apparent reason, to stand encased in a canvas wrapper, surrounded by some rough boarding.

The following brief description of the Statue appeared in the Athenaum of September 3, 1864:—The work is of bronze, and was cast by the Coalbrook Dale Company. It is stated that when Mr. Godley landed in New Zealand he was so impressed by the appearance of the country, and by the feeling of responsibility which lay with himself as founder, that he remained a long time absorbed in contemplation and thought of the possible future of the nation he had come to seat in a new land. Mr. Woolner, who has always been heedful of the leading points of his subjects, has seized this moment, not only because it was apt to the occasion of his work, with regard to its being a public expression of gratitude for services received, and to stand surrounded by the results of the subject's action in life on the lives of other men, but because it afforded a theme epic in character, extremely well fitted to sculpture, and wholly free from the merely conventionally dramatic elements of expression and attitude. As was right in treating a modern man in art, Mr. Woolner has relied less upon the attitude or expression of the limbs, than upon the facial expression of his subject. When, however, we have studied the face, the absorbed character of the attitude is displayed, and the figure becomes extraordinarily effective in its supreme harmony with the features. There is no strain, but much intensity, in this work; consequently it grows upon the spectator, whose mind receives it with extraordinary force. Its simplicity soon becomes grandeur, superior to conventionality of design; its repose grows into immense emotion, surpassing the power of the mere limbs to render by their action. The emotion being mental, the face gives it most. With such an idea of his theme, and power enough to express it in art, it is almost needless to say that the sculptor eschewed all studio traditions with regard to the transmogrifying of modern costume into a sort of pseudo-skin to a man, such as we have seen put in force even in public statues with regard to armour (of conceivable things the most unfit for such a display of pedantry), and which often supply the last refuge for sculptors who adhere to scholasticism rather than art. Still less has Mr. Woolner clothed his statue in Roman or Greek garments, or in those which nondescript folks have been taught to style "draperies." The point to be observed in respect to principle in this matter is, that the subject is literally and absolutely clad in the costume he wore in life, without any compromise whatever. We rejoice to observe this, and regard it as one of the healthiest signs of art that it should be done so, that the observer sees more of the man than of his dress—the last, however, is disposed with suitable art. See the figure from what point we will, it composes well, and is expressive behind as well as before. This is due to the thoroughness of the sculptor's conception of his theme, and the care with which that conception is wrought out. Down the figure's back no meaningless cascade of "drapery" falls in an attempt to hide a disproportion or a feeble posé; its legs bear the man, its arms belong to him.

### ITINERARY.

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Waikouaiti		157	***	9	Moa Flat	***		***	8
	***	***		14	Teviot Baldwin's	***	100	***	8
Hampden (Moeraki		-141	***	7	Manuherikia	***	SEAR!	***	24
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Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  Dunedin to	wn to Hi otover  	EAD OF L	AKE.	4 16 7 40 67	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw	re Hill sden icktown	OVINCE.		18 41 31 7
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake	wn to Hi otover  	EAD OF L	AKE.	4 16 7 40 67	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS NELSON TO M	re Hill sden jektown  SON PR	OVINCE.	RPE A	18 41 31 7
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to—	WEST TAI	ERI GOLI	AKE.	4 16 7 40 67	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS NELSON TO M	re Hill sden icktown  SON PR OTUEKA WAIWE	OVINCE. BY THO	RPE A	18 41 31 7
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.	WEST TAI	ERI GOLI	AKE.	4 16 7 40 67	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS NELSON TO M	re Hill sden icktown  SON PR OTUEKA WAIWE	OVINCE. BY THO	RPE A	18 41 31 7
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  Dunedin to— (Short Ro  Dunedin to— Silver Stream (Rae Mullochy Gully	WEST IAI ad for Foo	EAD OF L ERI GOLI	OFIELD	4 16 7 40 67 8s.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS NELSON TO M	re Hill sden icktown  SON PR OTUEKA WAIWE	OVINCE. BY THO	RPE A	18 41 31 7 7 ND - 8 111
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Roo Dunedin to— Silver Stream (Rac Mullochy Gully Hughes'	WEST IAI ad for Foo	EAD OF L ERI GOLI	OFIELD	4 16 7 40 67 8s.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb Post-office, Waime	re Hill sden icktown  OTUEKA WAIWE	OVINCE. BY THO	RPE A	18 41 31 7 ND
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  Dunedin to— (Short Ro  Dunedin to— Silver Stream (Rae Mullochy Gully	wn to Hi	ERI Goli	DEIELD	4 16 7 40 67 8s.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb; Post-office, Waime Village of Thorpe	re Hill sden icktown SON PR	OVINCE. BY THO	RPE A	18 41 31 7 ND -8 11½ 16½ 30½
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Roo Dunedin to— Silver Stream (Rac Mullochy Gully Hughes'	WEST TAI	ERI Goli	DFIELD	4 16 7 40 67 85.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb; Post-office, Waime Village of Thorpe	re Hill sden icktown SON PR	OVINCE. BY THO	RPE A	18 41 31 7 ND 8 111 161 301 371
Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Roo Dunedin to— Silver Stream (Rac Mullochy Gully Hughes'	WEST TAI	ERI Goli	DFIELD	4 16 7 40 67 8s.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS NELSON TO M  Post-office, Nelson Richmond Post-office, Waime Village of Thorpe Waiwero Motueka Hotel	re Hill sden iektown  SON PR OTUEKA WAIWE   y a west	OVINCE. BY THO	RPE A	18 41 31 7 7 ND 8 11 16 1 16 1 16 1 16 1 16 1 16 1 16
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Roo Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon	WEST TAI	ERI GOLI	OFFIELD	4 16 7 40 67 85.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb Post-office, Waime Village of Thorpe Waiwero Motueka Hotel  NELSON TO WE	re Hill sden icktown SON PR COTUEKA WAIWS ST WANG	OVINCE. BY THO	RPE A	18 41 31 7 7 ND 8 11 16 1 16 1 16 1 16 1 16 1 16 1 16
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Roo Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon	WEST TAI	ERI GOLI	OFFIELD	4 16 7 40 67 85.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb Post-office, Waime Village of Thorpe Waiwero Motueka Hotel  NELSON TO WE AND	re Hill sden icktown SON PR COTUBERA WAIWS Y A West ST WANG	OVINCE. BY THO	RPE A	18 41 31 7 7 ND 8 11 16 1 16 1 16 1 16 1 16 1 16 1 16
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon	WEST IAI ad for Foc	ERI GOLI  ct-passenge	DFIELD	4 16 7 40 67 85.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb, Post-office, Waime Village of Thorpe Waiwero Motueka Hotel  NELSON TO WE ANI Post-office, Nelson	re Hill sden icktown SON PR COTUBERA WAIWS Y A West ST WANG	OVINCE. BY THO	RPE A	18 41 31 7 7 8 11 16 16 16 16 16 16 16 16 16 16 16 16
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH Bluff to Invercare	WEST TAI ad for Foo  ecourse H LAND F	ERI GOLI otel)	DFIELD	4 16 7 40 67 67 s.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Waime Village of Thorpe Waiwero Motueka Hotel  NELSON TO WE AND  Post-office, Nelson Richmond	re Hill sden icktown SON PR COTUBERA WAIWS Y A West ST WANG	BY THO RO.	RPE A	18 41 31 7 8 114 164 304 454 454 8
QUEENSTO Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO (Short Ro. Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH Bluff to Invercargi Invercargill to Riv	WEST TAI ad for Foo	ERI GOLI it-passenge otel)	DEFELDERS.)	4 16 7 40 67 85. 10 5 3 4 4 22 20 27	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Waime Village of Thorpe Waiwero Motueka Hotel  NELSON TO WE ANI Post-office, Nelson Richmond Benseman's	re Hill sden icktown SON PR SOUTH A WAIWE	OVINCE. BY THOMBO	RPE A	18 41 31 7 7 ND 8 11½ 16½ 37½ 45½ 45½ 25KA 8 20
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH Bluff to Invercare	WEST TAI ad for Foo	ERI GOLI it-passenge otel)	DEFELDERS.)	4 16 7 40 67 67 s.	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb; Post-office, Waime Village of Thorpe Waiwero Motueka Hotel  NELSON TO WE ANI  Post-office, Nelson Richmond Benseman's Motueka Hotel	re Hill siden siden siden siden siden siden siden siden siden war Walwa was west siden sid	OVINCE. BY THO RO	Motue	18 41 31 7 7 ND -8 111 161 301 451 451 451 451 451 451 451 451 451 45
QUEENSTO Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO (Short Ro. Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH Bluff to Invercargi Invercargill to Riv	WEST TAI ad for Foo	ERI GOLI it-passenge otel)	DEFELDERS.)	4 16 7 40 67 85. 10 5 3 4 4 22 20 27	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Waimer Waiwero Motueka Hotel  NELSON TO WE AND  Post-office, Nelson Richmond Benseman's Motueka Hotel River Riwaka	re Hill seden sektown  GON PR GOTUEKA WAIWE     ST WANG  COLLIN	BY THO	MOTUE	18 41 31 7 7 ND 8 111 4 16 4 5 4 5 4 5 4 5 4 5 4 5 6 6 6 6 6 6 6
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH  Bluff to Invercargi Invercargill to Riv Invercargill to Que	WEST TAI ad for Foo ecourse H LAND F ill erton teenstown,	ERI GOLI otel)  ROVING	DFIELD ers.)	4 16 7 40 67 85. 10 5 3 4 4 22 20 27	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Waime Village of Thorpe Waiwero Motueka Hotel NELSON TO WE ANI Post-office, Nelson Richmond Benseman's Motueka Hotel River Riwaka Over Ranges to Ta	re Hill sden iektown  SON PR OTUEKA WAIWE   y  a west  kaka	OVINCE. BY THOMOGO	MOTUE	18 41 31 7 7 8 11 16 1 3 7 4 5 1 4 5
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH Bluff to Invercargi Invercargil to Riv Invercargill to Qu  CANTER	WEST TAI ad for Foot ecourse H	ERI GOLI otel)  ROVING	DFIELD ers.)	4 16 7 40 67 85. 10 5 3 4 4 22 20 27	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Waime Village of Thorpe Waiwero Motueka Hotel NELSON TO WE ANI Post-office, Nelson Richmond Benseman's Motueka Hotel River Riwaka Over Ranges to Ta Collingwood	re Hill sden iektown  SON PR OTUEKA WAIWE   y  y  st Wang Collin  kaka	BY THO RO.	MOTUE	18 41 31 7 7 ND -8 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH  Bluff to Invercargi Invercargill to Riv Invercargill to Que	WEST TAI ad for Foot ecourse H	ERI GOLI otel)  ROVING	DEFIELD OFF.)	4 16 7 40 67 67 ss. 10 5 3 4 4 22 20 27 92	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Appleb, Post-office, Waimer Waiwero Motueka Hotel NELSON TO WE ANI  Post-office, Nelson Richmond Benseman's Motueka Hotel River Riwaka Over Ranges to Ta Collingwood Seaford	re Hill siden side	OVINCE. BY THOMBO.  ANUI BY GWOOD.	Morue	18 41 31 7 7 8 114 45 45 45 45 45 45 45 47 74
QUEENSTO  Queenstown to— Arthur's Point, She Maori Point Skipper's Gully Head of Lake  DUNEDIN TO  (Short Ro.  Dunedin to— Silver Stream (Rac Mullochy Gully Hughes' Hindon  SOUTH Bluff to Invercargi Invercargil to Riv Invercargill to Qu  CANTER	WEST TAI ad for Foot ecourse H	ERI GOLI otel)  ROVING	DFIELD ers.)	4 16 7 40 67 67 ss. 10 5 3 4 4 22 20 27 92	Picton to Blenheim Blenheim to Awate Do. to Birch Do. to Hiller Do. to Renw  NELS  NELSON TO M  Post-office, Nelson Richmond Post-office, Waime Village of Thorpe Waiwero Motueka Hotel NELSON TO WE ANI Post-office, Nelson Richmond Benseman's Motueka Hotel River Riwaka Over Ranges to Ta Collingwood	re Hill siden side	BY THO RO.	MOTUE	18 41 31 7 7 ND -8 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NEL	SON TO	COBDEN.			Nelson to-			2	Tiles.
			1	Miles.	Hawke's Craig	***		***	133
Post-office, Nelson		***		-	Ohiki Hill	***	1100	***	136
Richmond	****	****		8	Ohiki River		-		137
Wakefield Arms	***	***	***	16	Westport	***	***	***	150
Big Bush	***		***	45	Charlestown	444		***	170
Slip Store				55	Brighton	***	***	144	182
Branch road to the	Grev	***	***	57	Cobden				225
Devil's Grip Store Hope River	***	974	211	62	NELSON TO BI	LENHE	IM BY THE P	BLORU	8.
Owen River	***	***	440	66	Dest offer Welson				
	***	- See 111	1997	77	Post-office, Nelson	***	10 May 100	***	8
Mangle's Store	222		244	87	Maitai junction	***	***	***	0
Matiri	***	Dec -	***	91	Herenga	750	***	***	14
Newton	***	***		102	Tinline	***	***	444	15
Lyell	***	***	***	111	Wilson's	***	***	200	28 32
Inangahua	***		1	120	Havelock	***		2000	
Old Diggings Store	1000		1 1000	128	Wairau River	Carro.	***		47
Black Water	***	***	1992	131	Blenheim		- ***	(444)	55

### CUSTOMS REVENUE.

The following table exhibits the Customs Revenue of each province for the financial year ended June 30, 1867 :-

CONTRACTOR AND ADDRESS OF THE PARTY OF THE P				£
Auckland				137,981
Taranaki	***		***	13,023
Wellington		-	200	94,428
Hawke's Bay	7000		110	26,898
Marlborough			***	2,392
Nelson	****		***	38,353
Canterbury	(1000)		1011	295,401
Otago	19841		***	221,691
Southland				34,387
Chatham Islands			***	114
				-

Mr Fitzherbert's estimate, when making his financial statement on September 5, 1866, was £850,000.

Total ...

### EXPORTS AND IMPORTS.

The following table exhibits the value of the imports and exports in each province for the year

, 200.	*	
	Imports.	Exports.
	£	£
	1,109,641	268,894
***	50,622	1,116
***	720,409	239,643
***	75,075	73,300
	12,655	52,556
1400	429,959	243,162
***	1,759,748	2,470,964
***	1,825,700	1,086,185
	196,003	142,944
115	257	96
200	£6.180,069	£4,578,842
	***	£ 1,109,641 50,622 720,409 75,075 12,655 429,959 1,759,748 1,825,700 196,003

### TO MEASURE UNSQUARED TIMBER.

In order to ascertain the contents, multiply the square of the quarter girth, or of quarter of the mean circumference, by the length. When the buyer is not allowed his choice of girth in taper trees, he may take the mean dimensions, either by girthing in the middle for the mean girth, or by girthing it at the two ends, and taking half of their sum. If not, girth the tree in so many places as is thought necessary, then the sum of the several girths, divided by their number, will give a mean circumference, the fourth part of which being squared, and multiplied by the length, will give the solid contents.

The superficial feet in a board or plank is known by multiplying the length by the breadth. If the board be tapering, add the breadth of the two ends together, and take half their sum for the mean breadth,

and multiply the length by this mean breadth.

The solid contents of squared timber are found by measuring the mean breadth by the mean thickness, and the product again by the length. Or multiply the square of what is called the quarter girth in inches by the length in feet, and divide by 144, and you have the contents in feet.

Boughs, the quarter girth of which is less than 6 inches, and parts of the trunk less than 2 feet in circumference, are not reckoned as timber.

1½ inch in every foot of quarter girth, or 1 of the girth, is allowed for bark, except of elm. 1 inch in the circumference of the tree, or whole girth, or one-twelfth of the quarter girth is the general fair average

The quarter girth is half the sum of the breadth and depth in the middle.

The nearest approach to truth in the measuring of timber, is to multiply the square of one-lifth of the girth or circumference by double the length, and the product will be the contents.

### HACKNEY CARRIAGES IN CHRISTCHURCH.

Table of Rates and Fares to be charged for any Hackney Carriage plying for Hire at any place within the said City, and within Eight Miles of the Corporate Limits thereof.

FARES BY TIME.	wheels	hors	ving four d two or ses, not an omni-	wheels or two two h	and o w	ng four one horse, heels and s, or two one horse.
(One or two adults to be a full fare.)	-		-	-	-	-
By the day, i.e., for any twelve consecutive hours between 6 o'clock a.m. and 10 o'clock p.m., for two persons  For each additional passenger		8. 10 15		£ 2 0	8. 0 12	
BY THE HOUR.				C PLEASE		
For the first hour or less than an hour For every subsequent half-hour or less	0	5 2	0	0	4 2	0
In hiring by the hour (when the passenger is set down at a distance from the place of hiring), time to be reckoned for returning to the place of hiring, at the rate of six miles an hour from the place of setting down.						
FARES BY DISTANCE.				371311		
(One or two adults to be a full fare.)						
In Town, and One Mile out.						
For any distance within, and not exceeding one mile, one or two persons Beyond one mile from the Town Belt, per mile For every additional person, half fare.	0 0	2 3	6 0	0	2 2	0 6
For every half-mile or part thereof exceeding one mile, an additional charge of one-half the rate per mile. Any person calling or sending for any Hackney Carriage,	ETT.			- 1778		
and not further employing the same, shall pay Or (at the option of the driver), the fare from the stand or place whence the carriage may be engaged. Half- fare to be allowed as back fare whenever the distance exceeds two miles from the boundary of the city; but no back fares to be charged within the limits of the city.	0	2	6	0	2	0
FARES FOR DETENTION.						
For every fifteen minutes' complete detention	0	1	6	0	1	0

An additional charge of one-half the above fares to be made between the hours of 10 o'clock at night and 6 o'clock in the morning.

No extra charge to be made for luggage not exceeding 14lbs, weight for each person carried,

Every driver of a Hackney Carriage shall drive the same at a reasonable speed, not less than six miles an hour, unless unavoidably delayed, or required by the hirer to drive at a slower speed.

The driver of every Hackney Carriage to produce a printed copy of the above Table of Rates and Fares on demand, and to have a printed copy of the same affixed conspicuously inside his carriage, in such place as may be directed by the Inspector of Hackney Carriages.

Pre-engagements for conveying to and from Balls, Weddings, and Funerals, as per special agreement. Made by the Council at a Meeting held on the Third day of January, 1865.

### TABLE OF RATES FOR THE CARRIAGE OF GOODS.

В	Y D	ISTANCE	1.						S.	d.	
For every load transferred or carried for any dis For every subsequent half mile or part thereof For a fractional part of a load, by special agrees Detention to be paid for at the rate per half how	ment	***	2000	1444	eeding	one mi	le	222		0	
	BY	TIME.									
For the first hour or part thereof For every subsequent half hour or part thereof	***	***		444	***	- 112	***	7	4	0	

# POSTAL CHARGES ON LETTERS, NEWSPAPERS, AND BOOK PACKETS POSTED IN NEW ZEALAND.

In Australia In Australia In India In India In France, vid Panama Ditto Suez In United Kingdom, vid Panama Ditto Suez Ditto Marseilles Ditto Marseilles Ditto Marseilles Ditto Marseilles		NEWSPAPERS POSTED FOR DELIVERY— Within the Colony	Colony	the same Province	At for delivery from the same office	1	HOW MI
s. d.	Not exceed- ing \(\frac{1}{4}\) oz.					Not ex	W ABAHAMA
11 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Not exceed- ing ½ oz.	1d.	3d.	2d.	Id.	Not exceeding	TIME.
	Not exceed- ing 4 oz.		6	4	10	Exceeding but not e ing 1 oz.	
* 1004800400	Not exceed- ing 1 oz.		6d.	4d.	2d.	xceeding \( \frac{1}{2} \) oz., but not exceeding 1 oz.	
00000000000000000000000000000000000000	Not exceed- ing 14 oz.		6d.	拉	2d.	For every or fractio ounce ov	
500000000P	Registration Fee.		P.	d.	1.	or every ounce or fraction of an ounce over loz.	THE NAME OF PERSONS

# NEW

VSPAPERS fo 1d.; in the Panama, 1d	
SPAPERS for delivery in Aust Id.; in the United Kingdon Panama, 1d.; viá Suez, 1d.	
Australia, Id gdom, via P Id.	
l.; in India, anama, Id.;	
ld.; in l	
France, s z, 1d.; ii	
ii Panam n the Unit	
a, the book ted States	
WEDADERS for delivery in Australia, 1d.; in India, 1d.; in France, viā Panama, the book rate; viā Suez, 1d.; in the United Kingdom, viā Panama, 1d.; viā Suez, 1d.; in the United States of America, viā Panama, 1d.; viā Suez, 1d.	

Not exceed-ing 2 oz.

Not exceed- Not exceed-ing 4 oz. ing 8 oz.

Not exceed-ing 1 lb.

BOOK PACKETS FOR DELIVERY-

In Australia
In India
In France, via Panama
Ditto Suez
Ditto Marselles
United States of America, via Panama
Ditto Suez
Ditto Marselles
United States of Samerica, via Panama
Ditto Suez
Ditto Marselles
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Letter

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The English steamers of the Pacific Steam Navigation Company run southward from Panama to the Peruvian and Chilian ports; three times a month to the larger ports; twice a month to the smaller; and once a month to the smallest.

The American vessels of the Pacific Mail Steamship Company run from Panama northward to California and Vancouver's Island three times a month, some of them touching at Mexican ports; and from Colon to New York four times a month.

Pre-payment of the above rates compulsory.

Letters not specially directed by a particular route will, if sufficiently pre-paid, be sent by the first route given in the above table.

### ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Taken at the Provincial Government Meteorological Station, Christchurch, Canterbury, New Zealand, for twelve months ending June 30, 1867.

			18	66.					18	67.			
	July.	August.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	June.	Year.
Mean pressure of Atmosphere Approximate range Mean of highest day temperature Mean of lowest night temperature Mean of lowest night temperature Mean of lowest night temperature Mean temperature of air in shade Minimum in shade Mean daily range Mean solar radiation Mean solar radiation Mean nocturnal radiation Mean necturnal radiation Mean temperature of evaporation Mean temperature of day point Mean temperature of day point Mean temperature of day it fell Total rainfall in inches Greatest daily fall Mean amount of cloud (overcast=10) Mean velocity in miles per day Greatest velocity in miles per day Greatest velocity in miles per day N.N.E. E. S.W. N.W. Calm, Thunder storms occurred on Snow or sleet fell on Hail fell on Fog prevailed on Frost occurred on Gales or very high winds	30.015 1.267 50.0 35.5 42.7 61.0 25.3 14.5 23.3 66.7 84.2 30.2 37.2 222 81 122 276 0 8 8 5 5 0 12 1 3 2 0 0 0 3 17 0	29.913 1.274 54.2 36.7 45.4 64.8 27.3 17.6 35.3 78.7 100.7 30.1 18.8 42.4 39.0 2388 79 8 0.616 133 247 0 0 11 2 1 1 5 0 0 1 14 19 3,	29.787 1.328 58.2 43.5 50.8 70.7 34.6 14.3 28.2 90.7 120.2 35.6 24.3 47.3 43.6 2944 77 7 10.0 11 10 0 0 0 0 9 9 2	29.835 1.144 64.7 46.1 55.4 76.1 32.2 18.6 29.5 106.6 128.8 37.5 71 7 2.021 .860 .355 173 313 2 5 5 8 3 3 2 5 6 0 0 0 1 7 4	29.775 .901 68.3 50.5 59.4 78.4 40.3 18.1 134.5 43.3 53.9 49.0 348 68 6 0.675 .240 4.4 1399 365 11 0 0 8 1 1 0 0 3 3 3 3 3	29.842 .992 .992 .67.7 .51.9 .59.8 .81.3 .41.7 .15.8 .30.2 .102.5 .130.2 .47.0 .33.0 .55.8 .52.3 .39.3 .77 .10 .3.094 .1.238 .54.1 .83.6 .99 .00 .00 .00 .00 .00 .00 .00 .00 .00	29,852 1,262 70,2 55,1 62,6 88,9 41,3 15,4 32,5 102,0 137,1 50,7 30,3 58,9 55,7 7,444 78 8 1,066 ,027 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29.786 .850 73.4 .55.3 .64.3 .84.8 .45.3 .18.1 .30.3 .11.7 .57.5 .49.5 .49.5 .43.0 .71 .54.8 .43.0 .71 .10 .0 .7 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	29,967 1,029 66.4 51.4 59.0 85.0 40.1 15.6 24.2 10.3 30.8 54.3 50.1 362 73 3.810 2.172 4.0 154.4 470 6 5 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1 2	30.139 .772 62.9 46.7 54.8 76.0 32.0 93.1 112.3 41.5 51.6 48.5 51.6 79 2 0.746 .741 111 1280 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30.033 .943 .56.1 41.7 48.8 70.3 32.8 14.3 28.0 73.1 95.5 36.4 46.1 43.2 .279 81 9 2.273 .844 5.5 100 0 0 13 11 11 6 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1	30,027 1,005 49.8 38.0 43.9 55.0 29.1 11.8 22.9 64.4 90.8 34.2 21.0 42.0 39.7 .244 85.5 13 6.084 1.531 1.531 1.53 1.53 1.53 1.53 1.53 1.	29.914 me: 1.064 ,, 61.8 ,, 46.0 ,, 53.8 ,, 88.9 ma 25.3 mi: 15.8 me: 36.6 ma 92.3 me: 137.5 ma 40.2 ,, 18.4 mi: 50.2 me: 46.6 ,, 77 ,, 2.172 ma 4.6 me: 161 ,, 123 ,, 124 ,, 123 ,, 122 ,, 123 ,, 124 ,, 125 ,, 127 ,, 127 ,, 127 ,, 128 ,, 129 ,, 129 ,, 11 ,, 129 ,, 11 ,, 129 ,, 11 ,, 129 ,, 129 ,, 11 ,, 129 ,, 11 ,, 129 ,, 129 ,, 11 ,, 129 ,, 129 ,, 11 ,, 129 ,, 129 ,, 129 ,, 11 ,, 129 ,, 129 ,, 11 ,, 129 ,, 129 ,, 129 ,, 11 ,, 129 ,, 129 ,, 11 ,, 129 ,, 129 ,, 129 ,, 129 ,, 129 ,, 129 ,, 129 ,, 129 ,, 130 ,, 140 ,, 150 ,, 160 ,, 170 ,, 180  ,, 180   ,, 180   ,, 1

### NOTES TO ABSTRACT OF METEOROLOGICAL OBSERVATIONS.

(a) The Barometer is corrected and reduced to 32° Fah., at twenty-five feet above mean sea leve. The greatest pressure of the atmosphere was 30.561 inches on 3rd May; the least pressure, 29.012 inches on 29th September; range, 1.549 inches.

(b) The mean temperature of the atmosphere is derived from the max, and min. self-registering thermometers, read daily at 9.30 a.m. The extreme range of temperature in the shade was 63° 6', or from S8° 9' to 25° 3'. January 6th was the warmest day in the year. The number of frosty nights, viz., 83, shows the number of times the exposed thermometer on glass fell below 32° F. It was never known to freeze at mid-day, and very seldom later than 9 a.m. July 23 was the coldest night in the year.

(c) The Hygrometrical results are calculated from the mean daily temperature of the air and

(d) The heaviest rainfall in 24 hours was 2.172 inches, on 16th March. This is the heaviest daily fall yet registered at the station. Snow fell once, viz., on 19th June, for a few hours, and melting as it fell.

(e) Of the 29 gales and very high winds, 23 were dry, viz., 15 from N.W., 5 E. 2 N.E., 1 S.W.; and 5 from S.W., and I from N.E., were wet. The most violent gales blew from N.W., accompanied generally with a bright sky and a very dry atmosphere. All the fogs occurred during the night time, or in the morning or evening, and were in general very slight. No thunderstorms or shocks of earthquake occurred

### LYTTELTON PILOT AND PORT REGULATIONS.

- 1. No person shall be deemed a pilot unless he be duly licensed by the Marine Board.
- 2. Every pilot shall carry his license with him, and shall produce it to the master of any ship or vessel
- 3. Any master requiring a pilot to conduct his vessel to sea, must make an application at the Harbour Master's Office twenty-four hours previous to sailing.
- 4. The rate of pilotage into or out of the Port of Lyttelton, from or to the distance of one league from the Pilot Station (Little Port Cooper), shall be fourpence per ton register.
- 5. Any master who shall make a signal for a pilot, or cause a pilot to be sent for to take his vessel to sea, and shall not within twelve hours of the time of arrival of the pilot on board such vessel proceed to sea, shall pay a sum at the rate of one pound per day for every day such pilot may be detained on board such vessel, in addition to the regular pilotage.
- 8. Every pilot detained on board a vessel longer than forty-eight hours, whether by stress of weather, quarantine, or otherwise, except in the case provided for m clause 5 of these Regulations, is to be paid eight shillings per day in addition to the regular pilotage.
  - 7. Pilots refusing or neglecting their duty, to forfeit a sum not exceeding twenty pounds.
- 8. All ballast lighters must be licensed by the Superintendent, and no such lighter shall be used without such license, the license to be granted and to be in force from the date of issue till the 1st of July then next ensuing. Every such license shall be numbered, and contain the name of the vessel for which the the same is granted, and the master and owner thereof, and carrying capacity. All vessels, lighters, or boats employed in carrying ballast shall have the number of their respective licenses painted on both bows, and shall be marked with a plate of iron on the stem and stern posts at the loaded and light water lines, and for every such license the person obtaining the same shall pay one pound; any person offending against this regulation shall be liable to a penalty not exceeding ten pounds.
- 9. The head of the Harbour Department or any person authorised by him may at any time inspect or re-measure any ballast lighter or test the accuracy of such measurement, and appoint the time, place, and manner, when, where, and in which such measurement or inspection shall be made, and any person failing to comply with any order of such authorised person shall be liable to a penalty not exceeding ten pounds.
- 10. The expense of measuring, re-measuring, and marking ballast lighters shall be borne and paid by the owner or owners of such ballast lighters.
- 11. All water-tank boats must be licensed by the Superintendent, the same to be in force from the date of issue till the 1st of July next ensuing. Every such license shall be numbered, and contain the name of the vessel for which the same is granted, the master and owner thereof, and the number of gallons she carries; and for every such license the person obtaining the same shall pay one pound. Any person supplying water from, or plying with any water-tank boat without such license, or committing any offence against this regulation shall be liable to pay a penalty not exceeding ten pounds.

### BYE-LAWS (WATERMAN'S REGULATIONS).

### PORT OF LYTTELTON.

- 1. Every person who wishes to ply as a waterman in the Port of Lyltelton must make application in writing to his Honor the Superintendent for a license, such application to be signed by two respectable residents in the said port.
- 2. Before a license is granted to any boat she must be inspected by two or more competent persons appointed by the Superintendent, who will, if approved of for a passenger boat, issue a certificate as to her dimensions and the number of passengers she is entitled to carry; such certificate must be produced before a license will be granted.
- 3. For every such license a fee of one pound sterling per annum must be paid at the time the applicant receives his license, and the said license must be renewed on or before the first day of July in each year, subject to the clauses one and two of these Regulations.
- 4. Every licensed waterman plying for hire must have his name legibly painted in letters two inches long together with his number on the inside part of the gunwale of the stern-sheets of his boat, also the number of passengers his boat is licensed to carry, and the name of his boat as inserted in his license legibly painted on the back board.
- 5. Any person carrying passengers for hire without a license, or any person lending his license to another to make use of, or any licensed waterman charging more than the authorised rate of fares, or refusing to employ his boat when required to do so, shall forfeit his license, and will be liable to a penalty not exceeding five pounds. But any licensed waterman who from sickness is prevented from plying, may, on the production of medical certificate, be permitted to transfer his license to a person approved of by the harbour authorities for a period not exceeding one month.
- 6. No boat shall be allowed to remain at any landing place after discharging her passengers, or to make fast to any steps or hand-rails belonging thereto, or in any way obstruct the passage to and from the same, and no boats, casks, timber, bulky or heavy article of any description shall be hauled up or down the steps so as to obstruct passengers from landing or embarking, under a penalty not exceeding five
- 7. Watermen, boatmen, carters, porters, and all other persons engaged on the wharves in Port Lyttelton, shall be under control of the harbour authorities. Any person resisting, impeding, or obstructing the said authorities in the execution of their duty, or using threatening, abusive, or obscene language, either when plying for hire, or on board or alongside of any vessel, or on or at any landing place, shall forfeit and pay a sum of not more than twenty pounds.
- 8. The house on the Government Wharf known as the "Waterman's House," will be set apart for the use of licensed watermen, and no other person will be allowed to occupy this building. Should any person persist in doing so, the watermen on duty are requested to report the same to the police, who will cause such intruders to be removed.
- 9. The authorised Fares shall be as follows for the Port of Lyttelton :-From any wharf or jetty to the steamers-single fare to or from From any wharf or jetty to any place, or to any vessel other than steamers, lying within a space bounded on the east by a line drawn from Stoddart's to Sticking Point, and on the west by a line drawn from Naval Point to the eastern point of Church Bay

  From any wharf or jetty to any vessel lying to the eastward of Sticking and Stoddart's Points, and to the westward of Battery Point and the buoy on Parson's Rock ... From any wharf or jetty to Church Bay From any wharf or jetty to Church Bay
  From any wharf or jetty to Gollan's Bay
  From any wharf or jetty to Rhodes' Bay—one passenger
  Ditto two or were ceed. Ditto, two or more, each From any wharf or jetty to Quarantine Station, one passenger Ditto, two or more, each
- To the Heads, or Head of the Bay, as per agreement.

  Every passenger shall be allowed to take 20 lbs. weight of luggage, free of extra charge, and for any quantity over 20 lbs. and under 50 lbs. weight, a charge of one shilling may be made, and for every additional 50 lbs. or fraction of 50 lbs. weight, a further charge of one shilling may be made.
- 10. Any passenger detaining a boat for a period exceeding twenty minutes, shall be liable to an extra charge of sixpence for every quarter-of-an-hour during which the boat shall be detained.
- 11. During the stormy weather, notice of which will be given by hoisting a blue flag half-mast at the Harbour Master's Office, and between the hours of sunset and sunrise, watermen holding a license are authorised to charge double fares, but only at those times above mentioned.
- 12. Passengers having any complaints to make must make them in writing to the head of the Harbour Department. Complaints made in any other way will not be acknowledged.

### LICENSED WATERMEN.

Name of Licer	ee. Name of Boat.	Name of Licensee.	Name of Boat	
Richard Scott John Walsh George Messiter George Messiter George Messiter Thomas Watson		George Dean George Dean George Plummer John Newton John Roberts Richard Norris Thomas Smeaton William Woods Thomas Trounce William Ledsham William Agar James Harding	Wild Duck Mermaid Evening Star City of Canterbury Will if I Can Express Volunteer Success Sambo Garibaldi	

### LICENSED BALLASTMEN.

Name of Licensee.	Name of Boat.	Name of Licensee.	Name of Boat		
John Walsh John Haydon John Brown James Payne James Payne	Petrel Mary Rover	Charles Smith Richard Woods William Fitzsimmons James Matthews James Kelly James Madden	Wellington Venture Gipsy Annie		

### RELIGIOUS BODIES.

### CHURCH OF ENGLAND.

Divine Service is regularly performed at the undermentioned places by the reverend gentlemen whose names appear in connection with them:—Christchurch: Very Reverend Henry Jacobs, the Dean, of St. Michael's; Rev. E. A. Lingard, St. Luke's; Rev. J. O'Bryen Hoare, St. John Baptist. Avonside: Rev. J. C. Bagshaw. Riccarton and Upper Heathcote: Rev. C. Bowen. Heathcote: Rev. G. J. Cholmondely. Lyttelton: Rev. F. Knowles. Papanui: Rev. L. Moore. Rangiora: Rev. B. W. Dudley. Westland: The Venerable the Archdeacon H. W. Harper. Akaroa: Rev. W. Aylmer. Timaru: Rev. G. Foster. Sefton: Rev. C. Turrell. Governor's Bay: Rev. H. Torlesse. Kaiapoi: Rev. W. W. Willock. Prebbleton: Rev. R. S. Jackson. Ashburton: Rev. J. Hutchinson. Oxford: Rev. A. P. O'Callaghan. Leeston: Rev. W. J. G. Bluett. The Church Services in Christchurch are held as follows:—St. Michael's: Sunday, 11 a.m. and 6.30 p.m.; Week days, Wednesday, 7 p.m.; Baptismal, 3 p.m.; St. Luke's: 11 a.m. and 6.30 p.m.; Thursday, 7 30 p.m.; for children, 3 p.m.; also, a morning Baptismal Service on the second Sunday in each month. Avonside: 11 a.m. and 6.30 p.m.; Baptismal Services are performed on the third

Sunday in each month in the morning, and on any Sunday afternoon, if notice has been given that the Service is desired Christ's College Chapel: Rev. W. C. Harris. Sunnyside Asylum: Rev. Canon Wilson. St. Mary's, Addington (Evening): Rev. Canon Wilson. Geraldine and Tinuka: Rev. L. L. Brown. Woodend: Rev. J. W. Stack, West Ashley: Rev. H. Fendall.

Cathedral Capitular Body:—The Very Rev. Henry Jacobs, M.A., Dean; and Revs. Canons J. Wilson, G. Cotterill, W. H. Harper, and B. W. Dudley.

Cathedral Commission:—The Right Rev. the Bishop of Christchurch, the Very Rev. the Dean, Rev. J. Wilson, Rev. W. W. Willock, Messrs. C. R. Blakiston, H. P. Murray-Aynsley, His Honor Mr. Justice Gresson, R. J. S. Harman, C. C. Bowen, J. Studholme, W. Reeves, and C. Davie. Treasurer: C. R. Blakiston. Secretary: Rev. J. Wilson.

### PRESBYTERIANS.

Christchurch: The Rev. Charles Fraser, St. Andrew's Church, on Sundays, at 11 a.m., and 6 p.m.; on Thursdays, at 7 p.m.; and the Rev. Geo. Grant, St. Paul's, Lichfield street, on Sundays, at 11 a.m., and 6 p.m. Lyttelton: Rev. — Macin-

tosh, St. John's Church, on Sundays, at 11 a.m., and 6.30 p.m. Kaiapoi: Rev. Wm. Kirton, St. Paul's Church, on Sundays, at 11 a.m., and 3 p.m. Leithfield and Ashley Bank: Rev. Wm. Hogg, on Sundays, at 11 a.m., and 3 p.m. Prebbleton and Leeston: Rev. John Campbell, on alternate Sundays, at 11 a.m., and 2.30 p.m. Timaru: Rev. Geo. Barclay, Sundays, at 11 a.m. and 4p.m. Hokitika: Rev. John Gow, Sundays, at 11 a.m., and 6 p.m. Akaroa and Pigeon Bay: on alternate Sundays, at 11 a.m. Greymouth: Union Hall, at 11 a.m. and 3 p.m., on alternate Sabbaths.

Canterbury Presbytery.—The Rev. John Campbell, Moderator; the Rev. Charles Fraser, Clerk; and the Revds George Grant, Wm. Kirton, Wm. Hogg, John Gow, George Barlay, — Macintosh, John Hall, and — Stewart.

### ROMAN CATHOLICS.

Christchurch: Revds. J. B. Chataigner and J-Chervier. Hokitika: Rev. — Royer. The services in Christchurch are performed on Sundays, at 9 and 11 a.m., and at 6 p.m. Services are held at Lyttelton and at Brackenbridge, on the Kowai, monthly; and at Akaroa occasionally. The church in Christchurch is in Barbadoes street, near the South Town Belt.

### WESLEYAN METHODISTS.

Divine Service is performed ən Sundays at the undermentioned places, by some one of the gentlemen whose names appear in the subjoined list of preachers:—Christchurch, Avonside, St. Albans, 11 a.m. and 6 p.m.; Papanui, Lyttelton, Kaiapoi, Woodend, Rangiora, Mandeville, Eyreton, Kaithby, Riccarton, Springston, Broadfields, West Melton, Templeton, Lincoln Road, Lower Lincoln, River Selwyn. Preachers: Revds. T. Buddle, Christchurch: Rev. A. Reid, Lyttelton; Rev. R. Bavin, Raiapoi. Messrs. Salter, St. Albans; — Sharplin, Rangiora; — Broughton, St. Albans; — Sharplin, Rangiora; — Broughton, St. Albans; — Connal, Christchurch; J. Atkinson, Woodend; J. King, Christchurch; — Silvester, Springs; M. Hall, Kaiapoi; W. Calvert, Christchurch; J. Cumberworth, St. Albans; E. Ellen, Kaiapoi; W. Lawry, Springs; — Craddock, St. Albans; J. L. Wilson, Christchurch; B. Dewsbury, Christchurch; — Little, Riccarton; F. J. Garrick, Christchurch; — Little, Riccarton; F. J. Garrick, Christchurch; — Hiddlestone, Christchurch; J. Armitage, Christchurch; T. Jones, Christchurch; — Chapman, Templeton; W. Sereombe, Springs; McNicoll, Christchurch; — J. Free, Christchurch; — Chapman, Templeton; W. Sereombe, Springs; McNicoll, Christchurch; — Bull, Christchurch; Rev. W. Cannel, Hokitika; Rev. J. I. Shaw, Greymouth; Rev. J. B. Richardson, Timaru; Rev. J. A. Taylor, Oamaru; — Buxton, Springston.

### CONGREGATIONALISTS.

The only Church is in Manchester street, Christchurch, where service is held on Sundays, at 11 a m. and 6.30 p m., and a prayer meeting on Wednesday evenings, at 7 o'clock. Pastor: The Rev. W. J. Habens. Mission Branch: Ferry road. UNITED METHODIST FREE CHURCHES.
Sunday services are performed at the places mentioned below by some one of the gentlemen on the annexed list of preachers:—Christchurch, Rangiora, Addington, Lyttelton, and Leeston. The Chapel in Christchurch is in St. Asaph street. Preachers, Fisher, Ayers, A. Sharrat, Wills, Leadley, Aulsebrook, Broom, Easton, Pole, Craddock, and R. Pole.

### JEWS.

Services are performed on Friday evenings, at the hour on which the Sabbath commences, and on Saturday mornings at 10.30, at the Synagogue in Worcester street, Christchurch, by the Rev. H. Jones. The Jewish Sabbath commences in Canterbury on Friday evenings: From January 1st to February 13th, at 6.30; February 14th to March 13th, at 6; March 14th to April 10th, at 5.30; April 11th to May 15th, at 5; May 16th to June 23rd, at 4; June 24th to July 14th, at 4.30; July 24th to August 28th, at 5; August 29th to September 25th, at 5.30; September 26th to October 31st, at 6; November 1st to December 31st, at 6.30. President of the Congregation: D. Davis. Treasurer: M. Harris.

### THE NEW CHURCH.

(Founded on the writings of Emanuel Swedenborg) meets for worship at the Town Hall, Christ-church, on Sundays, at 10.30 a.m. and 6.30 p.m.

CLERGYMEN AND MINISTERS OF THE DIFFERENT DENOMINATIONS IN CANTERBURY WHO ARE LICENSED TO SOLEMNISE MARRIAGE:—

Church of England.—Resident in Christchurch: The Right Rev. the Bishop, Whately road; the Very Rev. the Dean, Oxford terrace. Akaroa: Rev. W. Aylmer. Avonside: Rev. J. C. Bagshaw. Heathcote Valley: Rev. G. J. Cholmondeley. Timaru: Rev. G. Foster. Lyttelton: Rev. F. Knowles. Papanui: Rev. L. Moore. Kaiapoi: Rev. W. W. Willock. Prebbleton: Rev. R. S. Jackson. Oxford: Rev. A. P. O'Callaghan. Burnham: Rev. W. J. G. Bluett. Rangiora: Rev. B. W. Dudley. Riccarton: Rev. G. Carpenter. Leithfield: Rev. C. Turrell. Governor's Bay: Rev. H. Torlesse, Ashburton: Rev. Jno. Hutchinson. Kilmore street. St. Luke's Parsonage: Rev. E. A. Lingard. Hereford street, St. John Baptist Parsonage: Rev. J. O'B. Hoare.

Presbyterians.—Christchurch: Rev. C. Frasers
the Manse, Tuam street; and Rev. George Grant,
Cashel street. Lyttelton: Rev. Wm. Campbell,
Dublin street. Kaiapoi: Rev. W. Kirton. Saltwater Creek: Rev. W. Hogg. Prebbleton: Rev.
John Campbell. Timaru: Rev. George Barclay.
Hokitika: Rev. John Gow. Ross (Westland),
Akaroa, Greymouth: Revds. Macintosh, Stewart.

Roman Catholics.—Christchurch: Revs. J. B. Chataigner and J. Chervier, at the Priests' house, Barbadoes street. Hokitika: Rev. — M'Girr. Greymouth: Rev. — Royer.

Baptists. — Rev. James Thornton, St. Asaph street, Christchurch.

Wesleyan Methodists.—Christchurch: Rev. T. Buddle, Town belt south; and Rev. J. Aldred. Lyttelton: Rev. A. Reid. Kaiapoi: Rev.—Bavin.

Timaru: Rev. J. R. Richardson. Greymouth: Rev. J. T. Shaw.

Congregationalists.—Christchurch: Rev. W. J. Habens, Avonside.

### SOCIETIES, TRADING COMPANIES, &c.

### BENEVOLENT AID SOCIETY.

Patron: His Honor the Superintendent. Chairman: His Honor Mr. Justice Gresson. Treasurer and Hon. Secretary: G. Gordon, Provincial Relief Committee: His Honor Mr. Justice Gresson, G. Gordon, C. W. Turner, Wm. Montgomery, Dr. Barker, C. R. Blakiston, and W. Wilson.

The following gentlemen are the representatives of districts, through one of whom applications for relief ought to be made:—The Very Reverend the Dean of Christchurch, Oxford Terrace; Rev. G. Carpenter, Salisbury-street; Rev. Charles Fraser, Tuam-street; Rev. T. Buddle, Town Belt East; Rev. J. C. Bagshaw, Avonside.

### CANTERBURY ACCLIMATIZATION SOCIETY.

President of the Council: R. Wilkin. Vice-Presidents: Julius Haast, F.R.S., &c., G. Packe, W. Hislop, G. Leslie Lee, R. Speechly, Dr. Barker, C. Davie, H. H. Prins, H. P. Murray-Aynsley, R. H. Rhodes, J. J. Oakden, W. Robinson, J. Studholme, J. G. Hawkes. Treasurer: G. Gould. Secretary and Curator: A. M. Johnson.

# CANTERBURY AGRICULTURAL AND PASTORAL ASSOCIATION.

President: Robert Wilkin, Esq. Vice-President: George Gould, Esq. Hon. Treasurer and Secretary: R. B. Bishop, Esq. General Committee: Messrs. H. E. Alport, R. W. Fereday, John Grigg, D. Graham, R. L. Higgins, H. P. Murray-Aynsley, E. Mitchell, W. Norman, J. Page, John Shand, John Stace, Robert Speechly, A. M. Thomson, W. Wilson, Henry Washbourn, and J. Walls.

# CANTERBURY AUXILIARY TO THE BRITISH AND FOREIGN BIBLE SOCIETY.

Treasurer: W. D. Carruthers, Esq. Secretary: Rev. Thomas R. Fisher. Committee: Messrs. J. G. Hawkes, C. W. Turner, F. J. Garrick, George Gould, George Booth, J. P. Jameson, J. Inglis, J. J. Fletcher, H. J. Tancred, J. H. Twentyman, W. Montgomery, Dr. C. J. Foster. Revds. The Dean of Christchurch, C. Bowen, G. Cotterill, J. C. Bagshaw, T. Buddle. W. J. Habens, C. Fraser, G. Grant, L. Moore, G. J. Chelmondeley.

### CANTERBURY FREEHOLD LAND SOCIETY.

Trustees: R. Wilkin, R. J. S. Harman, H. E. Alport, and W. Reeves. President: J. Cutler. Vice-President: A. Florance. Treasurer: W. Wilson. Secretary: J. C. St. Quentin. Council:

D. H. Christic, H. Dunsford, E. Foster, W. Kent and John Caygill. Solicitor: Thomas I. Joynt. Bankers: The Bank of New South Wales.

### CANTERBURY RIFLE ASSOCIATION.

Patron: His Honor the Superintendent, W. S. Moorhouse. President: H. P. Murray-Aynsley, Esq. Vice-Presidents: Hon. J. Tancred, Hon. J. C. W. Russell, Hon. J. Hall, Hon. G. L. Lee, J. E. FitzGerald, Esq., W. L. Hawkins, Esq., E. M. Templer, Esq., R. Wilkin, Esq., L. Walker, Esq., H. H. De Bourbel, Esq., Colonel Brett, Lieut. Colonel T. W. White, Major Hornbrook, J. Ollivier, Esq., C. Nedwill, Esq., M.D., J. Hawdon, Esq., J. O. Gilchrist, Esq., C. C. Bowen, Esq., R.M., Lieut. Col. Reader, C. W. Bishop, Esq., T. S. Duncan, Esq., Captain Holmes, Captain W. S. Moorhouse, Frederick Thompson, Esq., Charles Clark, Esq., E. Jollie, Esq., F. E. Stewart, Esq., W. G. Brittan, Esq. Council: Major Packe, Captain J. C. Wilson, C.B., H. P. Murray-Aynsley, Esq., Capt. Hargreaves, E. C. Hilton, Esq., Captain Beswick, Capt. Lean, Capt. Hawkes, Lieut. DeTroy, Trustees: Capt. Harman, G. A. E. Ross, Esq., C. R. Blakiston, Esq. Hon. Sec.: H. E. Alport, Esq. Treasurer: E. B. Bishop, Esq.

### ST. MICHAEL'S CHURCH INSTITUTE.

For the Study of History. President: The Very Rev. the Dean. Vice-President: The Rev. Canon Wilson.

### CHRISTIAN KNOWLEDGE SOCIETY.

Christchurch Branch.—Depôt: High street, opposite the Town Hall. Chairman: The Right Rev. the Bishop. Treasurer: G. Gordon. Secretary: J. W. Smith. Working Committee: The Very Rev. the Dean, the Revs. J. O'B. Hoare, and E. A. Lingard, J. W. Smith, and G. Gordon. Any member of the Society is entitled to attend meetings of the general committee and take part in the business.

### CHRISTCHURCH MUSICAL SOCIETY.

Conductor: Mr. M'Cardell. Leader: Mr. Bonnington. Treasurer: Mr. G. Inwood. Secretary: Mr. A. J. Cotterill. Librarian: Mr. Giraud.

### CANTERBURY TONIC SOL-PA ASSOCIATION.

Established June, 1866, for the promotion of vocal music in congregations, schools, and homes. President: Rev. W. J. Habens. Treasurer: Mr.

J. G. Hawley. Vice-President: Rev. John Crump. Secretary: Mr. Gabites. Conductor: Mr. J. B. Stansell.

### CHRISTCHURCH TONIC SOL-FA SOCIETY.

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Loyal Good Intent Lodge,—Odd Fellows' Hall, Akaroa. William Sims, N.G.; Geo. Lodner, V.G.; William M'Donald, secretary. Forty-nine members. Meetings every alternate Saturday. Loyal Timaru Lodge.—Timaru Hotel, Timaru Duncan Cameron, N.G.; Robert Morgan, V.G.; John Reilly, secretary. Eighty-two members. Meetings every Wednesday.

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THE PANAMA, NEW ZEALAND, AND AUSTRALIAN ROYAL MAIL COMPANY (LIMITED).

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Phœbe, 650 tons, 120 ditto; Egmont, 550 tons, 80 ditto; Lord Ashley, 500 tons, 90 ditto; Airedale, 400 tons, 80 ditto. The four first-named vessels have been built expressly for carrying the mails between Panama New Zealand, and Sydney, and are fitted with all the modern appliances to insure rapidity of transit and comfort to passengers. In addition to its steam fleet, the Company has several sailing vessels, employed as coal carriers; also, a coal hulk in each of the following ports, viz., Nelson, Wellington, and Otago.

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New Zealand Electric Telegraph—Office: Gloucester street, Christchurch.

Christchurch and West Coast Electric Telegraph— Office: Oxford terrace, Christchurh.

New Zealand General Telegraphic Agent at Christchurch: Wm. Collins, "Press" Office.

### MUNICIPALITIES.

CHRISTCHURCH MUNICIPAL COUNCIL.

Chairman: W. Wilson. Councillors: A. Duncan, J. G. Ruddenklau, C. Calvert, W. Hislop, J. P. Jameson, J. Anderson, T. Tombs, H. Thomson. Town Clerk: G. Gordon. Surveyor: C. Cuff. Rate Collector: F. C. Tribe. Inspector of Nuisances: W. Pearce.

### LYTTELTON MUNICIPAL COUNCIL.

Messrs, Joseph Ward (chairman), Willcox, Wilkin, S. E. Wright, J. Hill, G. Taylor, J. L. Balestice, J. Grubb. Town Clerk: H. C. Lanauze. Foreman of Works: John Hodson.

### KAIAPOI MUNICIPAL COUNCIL.

Chairman: J. C. Porter. Councillors: C. Dudley, E. G. Kerr, G. F. Hewlings, R. Woodford, M. Hall, A. A. Dobbs, J. Hebden, and C. Oram. Clerk: C. E. Dudley.

### TIMARU MUNICIPAL COUNCIL.

Messrs. S. Hewlings (chairman), Cliff, Cardale, Healey, Melton, Perry, Stubbs, Taylor, Turnbull. Clerk and Collector: Mr. T. E. Duff.

### ERAS OF THE WORLD.

		-			
Christian Era		1868	Roman Era (Building of Rome)		2651
Jewish Era	***	5629	Year of the Olypiads		2614
Mahommedan Era	200 -	1285	Year of Era of Nebochodnessor	100	2615
Year of the World (Usher)	144	5872	Julian Period ,	***	6581
Year of the World (Septuas	rint)	7396			

### CHRISTCHURCH.

### ACCOUNTANTS.

Colombo street— H. Fletcher and Co. H. Green Cashel street— J. W. Treadwell

J. Swift F. Thompson High street—

Wm. Fisher
J. E. Graham
F. D. Luckie
Hereford street—

Jno. S. Legett
B. Dewsbury
Cathedral square—
Dale and Percival

Oxford terrace— J. F. Ballard Peterborough street— J. H. Hankins

### ARCHITECTS.

Gloucester street—
Bury and Mountfort
Cathedral square—
Speechly and Crisp
Colombo street
S. C. Farr
Liehfield street—
C. E. Fooks
Hereford street—
Fredk. Strouts
High street—
H. B. Huddlestone

# ALE AND PORTER BOTTLERS.

Colombo street north—
A. Boyd
Barbadoes street south
W. Manning
Ferry road—
S. Manning

### AGRICULTURAL IMPLE-MENT DEPOTS.

Colombo street—
W. Neeve
Wilson and Alport
Colombo street south—
E. Reece
Cashel street—
Duncan and Son
H. G. Burnell
High street—
Fisher, Booth and Fisher

Tuam street—
Flockton and Co.
Hereford street—
Hawkes and Strouts
Cathedral square—
J. M. Heywood and Co.
Montreal street south—
T. Williams
Lichfield street—
W. Wilson
W. Hislop

### ASPHALTER.

High street-

Colombo street-

T. Preece

### AUCTIONEERS.

Wilson and Alport

G. D. Lockhart
C. Clark
H. Fletcher and Co.
Cashel street—
W. D. Barnard
C. C. Aikman
High street—
E. Burnell
Wilson and Alport
L. E. Nathan and Co.
Hereford street—
E. Mitchell and Co.
J. H. Bennett
Cathedral square—
W. H. Hargreaves

### BAKERS.

H. Matson and Co.

Colombo street-J. S. Hawley D. Ritchie R. Gilkes Aulsebrook and Meadows Cashel street-J. Perkins High street-G. Ditford Papanui road-W. Viney J. L. Wilson Armagh street-J. Hicks Tuam street-Hansman and Co. J. Walker Durham street-- Griffin Quine and Cain

Manchester street—
A. Thiele
Peterborough street—
A. Hulme
Gloucester street—
D. Ritchie

### BANKS.

Hereford street—
Bank of New Zealand, J. L.
Coster, Manager
Bank of New South Wales, J.
R. Hill, Manager
Union Bank of Australia,
J. Palmer, Manager
Lyttelton Savings' Bank, Mechanics' Institute, F. E.
Wright, Actuary
Cashel street—
Bank of Australasia, E. W.
Morrah, Manager

Colombo street—
Post Office Savings' Bank
(Government Institution)

## BARRISTERS AND SOLICITORS.

Oxford terrace—
C. A. Calvert
Gloncester street—
C. J. Foster, D.C.L.
P. Hanmer and L. Harper
Cathedral square—
G. Macfarlan and T. Nottidge
F. J. Garrick\* and W. P.
Cowlishaw\*
Colombo street—
A. C. Cottrell

R. W. Fereday\*

Manchester street—
T. S. Duncan\*
G. W. Nalder\*

Hereford street—
R. D'Oyloy

R. D'Oyley
W. H. Wynn Williams
J. S. Williams

Cashel street—
J. C. Helmore
H. B. Johnstone
Lichfield street—
F. Slater\*
T. I. Joynt

Those marked \* are Commissioners for taking the Acknowledgments of Deeds by married women.

### BARRISTER ONLY.

East town belt— W. T. L. Travers W. Brice A. Ayers

### BILLIARD ROOMS.

Colombo street—
Central Hotel, W. Moir
City Hotel, J. G. Ruddenklau
Prince of Wales Hotel, J.
Fox
Golden Fleece Hotel, E.
Missen

High street—
White Hart Hotel, M. B.
Hart
Dunedin Club Hotel, Roger

Evans
Oxford terrace west—
Clarendon Hotel, G. Oram
Papanui road—

BERLIN WOOL REPOSI-

Carlton Hotel, A. W. Money

Colombo street—
Miss Hawley
Mrs, Pope
Miss Neeve
Cathedral square—
Mrs, Jackson

### BLACKSMITHS.

Colombo street south—
A. Wilson
Tuam street—
Flockton and Co.
W. Hunsley
Durham street—
J. Hadley
Montreal street—
Francis Amy

### BOOKBINDERS.

Cashel street— Inwood and Bilton Lincoln road— J. Hall

# BOOKSELLERS AND STATIONERS.

Colombo street—
A. T. Bradwell
S. C. Farr
Mrs. Pope
Cashel street—
Inwood and Bilton
J. Hughes
High street—
A. J. Stevens
Papanui road—
C. J. Atkinson

### BONDED STORES.

Hereford street—
A. Louisson
Oxford terrace west—
Walton, Warner and Co.
Tuam street—
Walton, Warner and Co.

### BOWLING ALLEYS.

Colombo street—
Central Hotel, W. Moir
(American)
Tuam street—
Wellington Hotel, J. Fuchs
Oxford terrace east—

Mills' Hotel, J. Osborne

### BRASS FOUNDERS.

Papanui road— R. Plunkett

BRICK AND TILE DEPOTS.

Cashel and Lichfield streets—

J. Bailey
Colombo street south—
Piper, Bros.
High street—
Langdown and Co.

### BRICKLAYERS AND PLAS-TERERS.

- Brightmore
F. Lane
Worcester streetT. Machin
Hereford streetJ. Foley
Whateley roadS. P. Andrews
Chester street east-

W. Blyth

Colombo street south-

Kilmore street-

### BREWERS.

City Brewery, Deacon and Vincent

Peterborough street west—
Phœnix, A. Moore and Co.

Ferry road—
S. Manning

Barbadoes street south—
W. Manning

Antigua street—
S. Rogers
Innes and Manning
E. Stannard

Kilmore street east—
J. H. Ward and Co.

### BOOT AND SHOE DEALERS.

Colombo street—
T. Yates
Harris and Goodman
W. Pearce
Candy and Dewsbury

J. Atkinson J. Clark Cashel street-E. Coffee C. McNicol High street-W. Haines G. and T. W. Jones W. Stringer H. Marks G. Simpson B. Hale - Bowden A. North J. Heslip - Ford N. J. Suckling E. George Papanui road-J. Woodard J. Cavgill Gloucester street-T. Carev Hereford street-W. Middleweek Lichfield street-H. Hoffmeister Market place-T. Jones Tuam street-B. Midgley

H. Walker

J. W. Fuller

St. Asaph street-

W. Vine

Antiqua street-

Colombo street north-

### BUTCHERS.

Colombo street-T. Rowe T. Clarkson W. H. Mein - Rountree Cashel street-W. H. Mein Lane, Bros. Creswell and Chisnall J. Bargrove High street-Tetley and Hooper J. Smithson Papanui road-J. Felton Creswell and Chisnall W. Rossiter Cambridge terrace-F. Rowe Oxford terrace-J. Culliford Tuam street-J. Garforth

### BROKER.

Tuam street— T. A. Bullick Barbadoes street south-

Manchester street north-

Durham street worth-

Colombo street south-

Rankin and Greig

- Wood

Market place-

- Flint

J. Goss

- Allison

T. Cooper

T. Mollet

Cashel street east-

S. Clarkson

J. L. Fleming

Bennett and Todd

CARTERS.

F. Jenkins

Kilmore street west-

Peterborough street-

Chas Whittaker

S. and H. Stewart

G. S. Simpson

Gloucester street west-

J. A. Niemann

R. Offwood

Cathedral square-

Worcester street-

H. Rangecroft

M. Hamilton

Bates and Son

T. Lee

Tuam street-

High street-

J. Robins

Chester street west-

J. O'Bryan

Peterborough street— M. Little

Cambridge terrace east-

J. Bowman

J. Small

Salisbury street-

S. Haves

St. Asaph street-

J. Newson

Manchester street-

R. Falloon

Papanui Road— W. Cookson

Cashel street-

High street-

St. Asaph street-

Lichfield street-

J. Bailey

Tuam street-

Ferry road-

### CABINET MAKERS.

Cambridge terrace-A. Osborn High street-G. Bullock A. Osborn Papanni road-

- Mansell Oxford terrace-W. Allison Armagh street-

T. I. Detthier Hereford street-H. Gardner - Howell

Tuam street-Bates and Son W. Webb Durham street-

Ingleson Manchester street-W. Cawkewell Colombo street-

H. Scrimshaw J. Baldwin Robert Whitelaw

### CAB PROPRIETORS.

Kilmore street west-H. W. Read Barbadoes street south-W. Dunn Durham street-T. Goodver Armagh street-- Stout G. Pope Town Belt south-- Mullins

### CANDLE AND SOAP MAKERS

Cashel street-J. King St. Asaph street-- Hancock

- Brown

### CARPENTERS & BUILDERS

Kilmore street-H. Killner J. A. Wood Cranmer square-J. Turner Papanui road-Thomas Purdie Allen and Son J. Stanley Madras street north-J. E. Anthony Cambridge terrace-E. Coxhead

Armagh street-

Hereford street-

W. Yess

W. Marley

Thomas Kent

CHEMISTS & DRUGGISTS.

Colombo street-Cook and Ross

CHAIR MAKERS.

CHIMNEY SWEEPS.

Colombo street-J. C. Brooke & Co. Gould & Co. Cashel street-R. Robinson High street-Wallace & Co. H. H. Prins C. E. Smith

### CHIROPODIST.

Armagh street west-G. A. Makeig

### CIRCULATING LIBRARIES.

Colombo street-S. C. Farr Cashel street-Inwood and Bilton

### CLOTHIERS AND OUT-FITTERS.

Colombo street-G. Gould E. Phillips Simmons, Bros. W. Harris Candy and Dewsbury High street-F. Roach W. Pengelly

H. Moss Bethel Ware Cashel street-Beath, Kirby and Co. W. Pratt, Dunstable House W. Gavin W. Pratt. Somerset House

### COMMISSION AGENTS.

F. D. Luckie

Papanui road-

Oxford terrace— J. F. Ballard

Worcester street-

Wilson and Alport

Edward Thomas

Wm. Richardson

U. Macpherson Dale and Percival

Cathedral square— W. H. Hargreaves

Colombo street-J. Swift H. Fletcher and Co. Brownell and Co. H. Green G. D. Lockhart Cashel street-Jno. Cameron F. H. M. Walker N. and A. Ellis (Hoon Hay Quarry Agents) F. Thompson

CHICORY MANUFACTURER Robert Swan Cambridge terrace-High street-E. W. Trent Cobb and Sawtell

### COACH MAKERS.

COFFEE ROASTER AND

Cathedral square— H. H. DeBourbel and Co.

Packe, Bros.

Hereford street-

S. B. Stiffe

A. Louisson

C. F. Beeby

D. Nairn

Armagh street-

P. Pearce

Worcester street-

T. Machin

Manchester street-

J. Hadfield

Manchester street south-

and Co.)

Colombo street south-

Cox and Baber

W. H. Lane

J. L. Wilson

J. L. Wilson

J. Perkins

High street— W. Fraser

Papanui road-

J. Hogg

Tuam street-

P. Cunningham

R. Gilkes

Cashel street-

Newton and Barnes

COACH (ROYAL MAIL)

PROPRIETORS.

Cobb and Co. (L. G. Cole

CORN AND PRODUCE

DEALERS

W. H. Burton and Co.

J. H. Bennett

Wm. Hockley

Harman and Stevens

CONTRACTORS.

John S. Leggett

Cashel street east Cobb and Co. Kilmore street-- Lane Papanui road-H. Wagstaff Tuam street-J. Reid High street-Shanly and Son COFFEE AND DINING ROOMS

High street-J. Bartlett W. H. McKellow T. S. Lodge E. Caldwell Cashel street-Patterson and Co.

### COOPERS.

Peterborough street-Robt. Gunn Papanui road-T. C. Dow Cambridge terrace-E. Ford

### CONFECTIONERS.

Colombo street-Walter Gee G. and A. Geo Samuel Bell J. Boot Market place-E. C. Mouldey

### COPPERSMITHS AND BRAZIERS.

Colombo street-W. Neeve Tuam street west-T. Williams Armagh street-E. Hiorns

### COAL AND FIREWOOD DEALERS.

Cashel street-G. S. Simpson W. Montgomery and Co. Colombo street— H. Montgomery High street Langdown and Co. Cathedral square-

G. Simson and Co. W. H. Hargreaves Gloucester street-T. and E. Pavitt Tuam street\_ Laurie and Gannon Papanui road-

J. Goss Salisbury street-S. Haves Cambridge terrace-R. Offwood

### CORDIAL AND ÆRATED WATER MANUFACTURERS.

Cambridge terrace-T. Raine Oxford terrace-Dearnley and Co. St Asaph street-J. Milsom & Co.

### CORSET MAKERS.

High street-Mrs. Bowler Hereford street west-Mrs. G. B. Shaw

### CUSTOM HOUSE AGENTS.

Hereford street\_ A Louisson John S. Legett Cathedral square— J. M. Heywood and Co.

### CUTLER AND WHITESMITH.

Kilmore street-W. Bentley

CRINOLINE MAKER. High street-Mrs. Bowler

CURRIERS AND LEATHER SELLERS.

Colombo street\_ W. Bridgman Kilmore street-J. W. Tipler

### DAIRYMAN.

Kilmore street-T. Price

### DENTISTS.

Colombo street-D. C. Anderson Cooper and Taylor Cashel street-R. Robinson Gloucester street-- Kiernan Madras street-- Rawson

### DECORATIVE ARTIST.

Gloucester street-J. C. St. Quentin

### DRAPERS AND SILK MERCERS.

Cashel street-W. Black W. Pratt, Dunstable House Beath, Kirby and Co. W. Pratt, Somerset House W. Gavin Colombo street-H. P. Cole Mrs. Williams E. Phillips High street

W. Strange and Co.

R. Black

Wellington, S. Williams White Swan, Robt. Russell

White Horse, J. Marshall

Commercial, W. White

Caversham, W. R. Smith

Harp, — O'Hara Coker's, John Coker

Barrett's, Wilhelm Schmidt

Tuam street-

Cathedral square-

Durham street-

St. Asaph street-

Manchester street-

Colombo street-

High street-

Cashel street-

Hereford street-

Cathedral Square-

Co.

Colombo street-

E. Reece

Cashel street-

High street-

W. Neeve

S. H. Nashelski

W. Calvert

T. Partridge

J. Rowley

Papanui road-

Hereford street-

W. Webb

Montreal street south-

Thomas Williams

Tuam street-

Stevens

and Co.

Royal, Miles and Co.

Montreal street south-

King's Arms,---

Crown, J. Power

Southern, J. Lewis

J. Lewis

J. Lewis

Queen, F. Hobbs

INSURANCE COMPANIES.

Australian (Mutual Provident)

Brownell and Co.

Imperial, Dalgety and Co. Otago, J. E. Graham

Liverpool and London and

European, Harman and

North British and Mercantile

R. Symington New Zealand, J. M. Heywood

Australasian, H. Matson and

IRONMONGERS.

Morrow, Bassett and Co.

T. W. Gourlay and Co.

Hawkes and Strouts

Globe, W. Bowler

Northern, Fred, Thompson

### DYER AND SCOURER.

Chester street-John Sellars

### ELECTRICIAN.

High street-J. Woodford

### ENGRAVERS, LITHOGRA-PHERS. &c.

Gloncester street-Ward and Reeves Lichfield street-N. Wolfe

### ENGINEERS, CIVIL.

High street-H. B. Huddlestone

### FELLMONGERS.

White Hart Yard, High street-J. E. Pepperill

### FANCY REPOSITORIES.

Colombo street-S. C. Farr High street-C. Prebble Papanui road-Mrs. Atkinson Cathedral square-Mrs. Jackson Colombo street-Miss Neeve Mrs. Pope H. Leake E. Wheeler and Son Samuel Phillips

### FISHMONGERS.

Colombo street-J. Carter Gloucester street-G. Hayward Oxford terrace-T. Tuersley

### FOUNDRIES.

Cashel street-John Anderson Kilmore street west-J. Bowman Manchester street-Newton and Barnes Tuam street west-T. Williams

### FRENCH POLISHER.

Papanui road-W. Mansell

Colombo street-

### FRUITERERS AND GREEN. GROCERS.

Hargood and Sons

J. Carter J. Mummery Cashel street-J. Carter High street-J. S. and H. Stewart J. Boot John Tetley Papanui road-W. Tremayne Oxford terrace-R. Allen T. Tuerslev Market place— W. Swale

### GARDENERS.

Papanui road-- Bidmead C. W. S. Purdie Kilmore street-J. Greenaway Lichfield street-W. Wilson Antigua street— W. Hislop Barbadoes street east-Mrs. Dew

Tuam street-R. Chudley Cashel street-Dunean and Son Colombo street north-

### GASFITTER.

Colombo street-E. Reece

J. Tunmer

### GENERAL DEALERS.

Colombo street-- Schwartz D. Whelan Henry Leake High street-H. A. Davis G. Day A. J. White E. Tracy Papanui road-Edward Thomas H. Lusty - Bryan Hereford street-

C. Oswald

### GLASS AND CHINA DEALERS.

Colombo street-Henry Leake Colombo street south-J. W. Anderson Cashel street west-W. Flesher Papanui road-Mrs. Burns W. A. Knapman C. Shepherd Oxford terrace-- Munnings - Dallas Hereford street-C. Oswald High street-H. A. Davis

### GROCERS AND GENERAL STOREKEEPERS.

Colombo street-J. P. Jameson H. J. Waters Mrs. Hossack Sheppard and Co. M. Wyatt J. Swales Cashel street-C. Kiver, Junr. R. & D. Sutherland D. Bloom E. H. Banks John King High street-W. H. Davenport A. Matthews L. Cawsey T. D. Jones H. T. Gourlay

Fisher, Booth and Fisher Gillespy and Martin Kilmore street-Mrs. Malcolm Papanui road-W. Viney Watt and Co. H. Atkinson Mrs. Burns W. A. Knapman Cambridge terrace-H. B. Grisbrook

H. J. Hall

Oxford terrace-- Munnings A. Dallas Chester street-- Shoolbraid Armagh street-W. Pearce J. Williams Market place-T. Delamere

Gloucester street-

H. J. Waters

Tuam street-W. Cuddon Mrs. Gourlay J. E. Jacombs Durham street-

- Griffin Antiqua street-

### GUNSMITH.

Colombo street-E. Hamilton

### HAIRDRESSERS.

Colombo street-Wm. Brice C. Griffin A. Ayers High street-A. Rowbottom C. Prebble

### HOTELS AND TAVERNS.

Colombo street-Oxford, A. Adley Duke of Wellington, T. Smith Victoria, C. F. Money Market, G. Oram Golden Fleece, H. Oram Central, Wm. Moir Al, J. Blake Mechanics', J. Brunt Prince of Wales, Jno. Fox Golden Age, W. Warner Albion, J. Thompkins Garrick, T. Smith Cashel street-Provincial, T. B. Thompkins Blighted Cabbage, W. D. Barnard

Eastern, N. Edgar High street-City, J. G. Ruddenklau White Hart, M. B. Hart Glasgow Arms, Lewis and Dodd

Rotherfield, H. G. Burnell

Dunedin Club, Roger Evans Commercial, J. W. Morton Empire, Coles and Tompkins Papanui road-Britannia, J. Mummery

Junction, F. King Oxford terrace west-British Crown, = McGuinness Clarendon, G. Oram Oxford terrace east-

Mill's, Joseph Osborne Gloucester street-Criterion, J. W. Oram Shakespeare, G. Furby Hereford street—

Collins' Hotel, J. Collins Shades, W. Savage

LAW STATIONERS.

High street-A. J. Stevens Hereford street-J. Thompson

### LAND AND ESTATE AGENTS. Devonshire Arms, Jno. Hart

High street-E. Burnell Wilson and Alport Cathedral square— H. Matson and Co. W. H. Hargreaves Packe Bros. J. Grigg DeBourbel and Co.

Colombo street-H. Fletcher and Co. Wilson and Alport C. Clark London and Lancashire (Fire)

Cashel street-C. C. Aikman J. W. Treadwell F. Thompson F. H. M. Walker London and Lancashire (Life). J. Swift John Cameron Hereford street-

Wm. Hockley C. F. Beeby Harman and Stevens S. B. Stiffe J. H. Bennett E. Mitchell and Co.

### LOAN AND AGENCY COM-PANIES.

Victoria, Walton and Warner | Hereford street-Trust and Agency Company of Australasia (Limited). C. R. Blakiston, Manager. Cashel street-

New Zealand Trust and Loan, W. D. Carruthers, Manager.

Lichfield street-Christchurch Loan and Discount Company, M. Harris, Manager.

Hereford street-Loan, Deposit, and Discount Bank, A. J. Raphael, Manager

### LIVERY AND COMMISSION STABLES.

Cashel street-W. D. Barnard J. Gay Cobb and Co. (L. G. Cole and Co.) High street-J. Page

Cambridge terrace-- Plank Oxford terrace-T. Shailer

Armagh street-J. Beecher Gloucester street-Bruce and Coe Hereford street-G. Morgan E. Mitchell and Co. Tuam street-W. Anderson St Asaph street-Wm. R. Smith

### LODGING AND BOARDING HOUSES.

High street-W. H. M'Kellow T. S. Lodge Cambridge terrace-J. Plank Tuam street-J. Swinbourn, "Diggers' Rest' St Asaph street-G. Allen, "Allenton House" Mrs. Irvines Manchester street, south-Mrs. Grev H. Cook Madras street-Mrs. Rees Madras street south-- Stewart Armagh street-Mrs. Unwin Mrs. Ashbolt

### LIME BURNERS.

High street-Langdown and Co.

### MACHINISTS.

Cashel street-John Anderson Tuam street-Flockton and Co. Thomas Williams Durham street-John Hadley Manchester street-Newton and Barnes Kilmore street-James Bowman Hereford street-E. Bennett

### MEDICAL PRACTITIONERS IN CHRISTCHURCH.

Cathedral square-J. S. Turnbull, M.D. Edin. Oxford terrace west-J. W. S. Coward, L.S.A. B. Parkerson, M.R.C.S.B. Armagh street-Wm. Deamer, M.D.

C. Nedwill, M.D., Dublin

Colombo street south-J. D. Frankish, M.D. Whately road— R. Iliffe, M.R.C.S.E. Cashel street-E. H. Marshall, M.D. S. A. Patrick, M.R.C.S.E. Hereford street-H. H. Prins, M.R.C.S.E. High street-C. Leach, M.R.C.S.E. Hospital-Ll. Powell, M.R.C.S.E. Caledonian road, St Albans-A. Florance, L.S.A.

### MEDICAL GALVANIST AND MESMERIST.

Cambridge terrace west-G. H. Wilson

### MALTSTER.

High street-Wm. Fisher

Colombo street-

### MERCHANTS, GENERAL.

Brownell and Co. High street-Cobb and Sawtell E. S. Dalgety and Co. Matheson's Agency L. E. Nathan and Co. Fisher, Booth, and Fisher Gloucester street-Hargreaves and Co. Hereford street-A. Louisson Morrison, Sclanders, Fletcher and Co. Walton, Warner and Co. Lichfield street-J. T. Peacock and Co. Tuam street-E. S. Dalgety and Co. Hereford street-Miles and Co. Cathedral square— J. M. Heywood and Co.

# MERCHANTS, WINE AND

Twentyman and Cousin

R. Symington

Manchester street-

Jacobs and Isaacs

Taylor and Co.

SPIRIT. Colombo street-H. Montgomery E. B. and F. A. Bishop Hereford street-D. Naim Cranmer square-D. Macfarlane and Son Cashel street-W. Montgomery and Co. MERCHANTS, TIMBER. COAL, &c.

Colombo street-H. Montgomery Cashel street-W. Montgomery and Co. High street-Langdown and Co. Papanui road-James Goss Gloucester street-T. and E. Pavitt Lichfield street-Roberts and Co.

Tuam street-Laurie and Gannon Fleming Cathedral square-G. Simson and Co.

### MUSICAL INSTRUMENT DEPOT.

Colombo street-C. Bonnington

### MILLERS.

Cushel street-W. H. Lane High street— Wood, Brothers Colombo street-Aulsebrook and Co. Whately road-J. L. Wilson

### MILLINERS AND DRESS-MAKERS.

Colombo street-Mrs. Scott Miss Moore Mrs. Waters Cashel street-Mrs. Culbert High street-Mrs. Butler Kilmore street-Mrs. Franks Mrs. Hobbs Mrs. Simpson Peterborough street-Mrs. Sellars Gloucester street-Hicks and Co. Cathedral square-Mrs. Rowe Durham street-Miss Smith

### NEWS AGENTS.

Colombo street— A. T. W. Bradwell S. C. Farr Mrs. Pope High streetCashel street-Hughes Inwood and Bilton

### NEWSPAPERS.

Gloucester street-"Lyttelton Times" Cashel street-" Press " High Street-"Evening Mail"

### NOTARIES PUBLIC.

Cashel street-H. B. Johnstone J. C. Helmore Cathedral square-Garrick and Cowlishaw Gloucester street-- Arnold Hereford street-W. H. W. Williams Manchester street-G. W. Nalder

### OYSTER AND SUPPER ROOMS.

Gloucester street-G. Haward

### OIL AND COLOURMAN.

Papanui road-- Bryan

Colombo street-

### PAPERHANGERS, PAINTERS PLUMBERS, AND GLA.

Lummis and Gapes W. S. Baker A. Dennis Button and Paton High street-Richard Smith Cashel street-W. G. Dorsett Papanui Road-- Pearce Market Place-W. Jones F. Pearce

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- Mackie

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Kilmore street-H. V. Fielder

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Durham street-Weslevan. J. Cumberworth, Miss Pemberthy Barbadoes street south-

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Miss Cameron Armagh street west-Miss Ashwin

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been exported from Akaroa, in same days

round numbers, 2,000,000 feet of timber; 50 tons cheese; 100 kegs butter: 700 packages fruit 3000 posts and rails; 100 large piles

A conveyance to the Head of the Bay, and horses from thence to In and about Akaroa there are Akaroa every Tuesday, Thursday, 30 dairy stations, more or less, engaged in making cheese and passengers and mails per steamer Betsy Douglas from Lyttelton, returning from Pigeon Bay to During the past year there has Akaroa on the afternoon of the

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### WASTE LANDS ACT.

THE FOLLOWING ACT, RELATING PRINCIPALLY TO PRE-EMPTIVE RIGHTS, WAS PASSED DURING THE LATE SESSION OF THE ASSEMBLY, AND IS DATED OCTOBER 10, 1867 :-

Whereas it is expedient to alter and amend the regulations now in force in the Province of Canterbury for the sale, letting, or disposal and occupation of the Waste Lands of the Crown in the said Province : And whereas doubts have been expressed whether certain rights of pre-emption over Crown Lands in the said Province, granted by the Waste Lands Board in pursuance of said regulations are legally valid: And whereas it is expedient that such doubts should be removed.

Be it therefore enacted by the General Assembly of New Zealand in Parliament assembled, and by the authority of the same, as follows :-

1. The Short Title of this Act shall be "The Canterbury Waste Lands Act, 1867."

2. The words "the regulations" in this Act shall mean all regulations, Acts, and Ordinances now in force in the Province of Canterbury relating to the sale, letting, disposal, or occupation of the Waste Lands of the Crown in the said Province. The clauses hereinafter mentioned and denoted by their numbers shall refer to the clauses of that part of the regulations which was brought into operation and enacted under and by the various Acts, Ordinances, Bills and regulations mentioned in the Schedule to "The Waste Lands Act, 1858," as relating to the Province of Canterbury, and which the said Act declared should have the force and effect of law, and which part of the regulations is contained in eighty-two clauses, numbered consecutively.

3. All rights of pre-emption heretofore granted by the said Waste Lands Board under the authority or under the presumed authority of clause sixty of the regulations, are hereby declared to have been valid. as from the time of the granting thereof.

4. That part of the clause numbered sixty, commencing with and inclusive of the words "and for all runs over all lands" to the end of the clause, is hereby repealed, except as to pre-emptive rights heretofore granted or created under the part so repealed, and which by this Act are declared valid, and such repeal shall extend to and affect pasturage licenses heretofore issued under the regulations and the rights of the holders thereof, except as aforesaid.

5. The clause numbered sixty-two, except as to pre-emptive rights heretofore granted or created as aforesaid, is hereby repealed, and in the place thereof the following clause substituted, that is to say—

The lands included in such pre-emptive rights shall be subject to the rules as to form and frontage herein contained with respect to purchased land.

6. The clause numbered sixty-four shall refer as well to rights of pre-emption already granted under the part of clause sixty, hereby repealed, as to rights of pre-emption granted or to be granted by the unrepealed part of the last-mentioned clause.

7. The following portion of clause sixty-six of the said regulations is hereby repealed-namely, the words "other than those created by clause sixty of the Waste Lands Regulations."

8. Whenever any pre-emptive right shall have been heretofore granted or created under that part of clause sixty, hereby repealed, and the building, enclosure, plantation, cultivation, or other improvement in respect of which such pre-emptive right has been granted or created, shall, at any time after the passing of this Act, be proved to the satisfaction of the Waste Lands Board to be or to have become of a less value than fifty pounds, it shall be the duty of the Waste Lands Board thereupon to give notice to the holder of such pre-emptive right, requiring him to cause such additions to be made to such, building, enclosure, plantation, cultivation, or other improvement as shall make it of the value of fifty pounds; and if the holder shall not in the judgment of the Waste Lands Board have complied with such requirement within one calendar month after the notice aforesaid shall have been left at the homestead or principal station on the run on which the land included in the pre-emptive right is situate, or if there shall be no such homestead or principal station then upon the land included in such pre-emptive right, then the pre-emptive right shall thereupon become forfeited and void, and the land included therein shall become open for purchase, as if it had not been so meluded: Provided always that no pre-emptive rights shall become forfeited and void on account of such deterioration in value, when such deterioration shall have occurred by purchase of part of the land on which any such improvements may stand.

9. It shall not be lawful for the holder of any right of pre-emption to raise from any land included therein, any cereal, root, or other crop, except for bona fide use, on the run of which the land included in such right of pre-emption forms part, or on any run which is being farmed in connection therewith. Any person offending against the provisions of this section shall, on conviction thereof before any two Justices of the Peace, be liable to a penalty not exceeding fifty pounds.

10. If the holder of any pasturage license shall have erected or made, or shall hereafter erect or make, any building, fencing enclosure, or other improvement on Crown Land included within his license, but not included in any pre-emptive right, and such land shall be purchased by any other person than such holder, he shall be entitled to remove such building, fencing, enclosure, or other improvement within three months from the date of his receiving a written notice of such purchase from the Waste Lands Board.

11. If any person shall have erected, or shall hereafter erect any fence upon any Waste Lands of the Crown within the said Province of Canterbury, it shall be lawful for the Superintendent, with the advice and consent of the Executive Council, by writing under his hand, to direct such person to make such gates or other openings at such places in such fence as shall be thought necessary; and if such person shall not comply with such direction within one calendar month after the receipt thereof, he shall be liable to a penalty not exceeding twenty pounds, to be recovered in a summary way.

12. If any person shall wilfully injure or destroy any fence which has been, or may hereafter be erected by the holder of a pasturage license upon Crown Lands included within his license, such person shall, on conviction thereof before any two Justices of the Peace, be liable to a penalty not exceeding ten pounds.

### CROWN GRANTS.

The following is a list of Fees and Fines chargeable on Crown Grants by the Commissioner of Crown Lands, under the provisions of "The Crown Grants Act, 1866":—

### FEES.

All Crown Grants which we to passing of Act (8th Oct All Crown Grants signed since	the passing	per Grant	Act, if not		The state of the s	prior	£ 1		d. 0 0
For the first 100 acres	***		***			1	1	0	0
For every additional acre	***	***	***	***	***	)	0	0	0
There is a fine chargeable on	all Crown	FIN	The state of the s	ander for dol					
passing of the Act, and le	ett in custo	dv of Com	missioner of	Crown La	nds after th	ie 9th			
December, 1866—Each Gr All Grants signed since the pas months after the date of no	ant per mor	oth said Act. or	nd not take	out by or	anton within	+livea	0	0	6
delivery—Each Grant per	month	··· Gro	···	azette that			0	0	6

It is also provided by the said Act that as soon as the fines due on any Crown Grant shall amount to above £1, the same shall be recovered in a summary manner by the Commissioner of Crown Lands.

Where the fee payable in respect of any Crown Grant comprises the fractional part of a penny, if

under one halfpenny, the fraction is not charged. If one halfpenny or upwards, the full penny is charged.

A notice is published in the Provincial Government Gazette of all Crown Grants as they become ready for delivery.

### MEMORABILIA OF THE YEAR 1865-7.

### NOVEMBER, 1866.

24th.—No. 6 Company C.R.V. fired for the Silver Cup given by Private Ballard. No. 5 Company C.R.V. shot for the Challenge Medal.

28th.—Nomination of Caudidates for the Municipal Council, Kaiapoi.

30th .- Cricket Match between the Heathcote District and the Province of Canterbury.

### DECEMBER.

1st.—Second Firing for the Cup given to the Volunteers by Mr. E. B. Bishop, Chairman of the City Council.

5th.—A Landslip occurred at Lyttelton, at the head of the Excavation for Watermen's Boats. Cobb's Coach capsized in the Waiho, owing to a Flood.

6th.—The Second Annual Ballot for Land by the Canterbury Freehold Land Society took place in the Town Hall.

7th.—The Diocesan Synod concluded its Sitting for 1866.

12th.—The Annual Competition in Sports by the Pupils at the Christchurch Grammar School took place. The Horticultural Society's first Exhibition for the Season was held in the Drill Shed. The Annual Examination at the Church of England Schools, Oxford.

13th.—Examination of the Pupils of the High School, Lyttelton.

14th.—The Annual Examination of the Pupils of the High School, Christchurch. A Distribution of Prizes to the Scholars of the Wesleyan School, Christchurch, took place.

17th.—Anniversary Day. Public Offices closed, but no Public Sports in Christchurch. Annual Dinner of the Ancient Order of Foresters in Christchurch. The Heathcote Regatta came off.

18th.—The Leeston Races. Commemoration of the Anniversary of the Wesleyan Schools at Kaiapoi.

20th.—Consecration of St. Mary's Church, Merivale, by the Lord Bishop of Christchurch.

Nomination of Candidates to represent Papanui in the Provincial Council.

21st.—Cobb's Coach from Port broke down while crossing the Zigzag. The Annual Public Examination of the Children attending Trinity Church Schools, Lyttelton.

24th.—Papanui Election.

26th.—The First Annual Prize Meeting of the Canterbury Rifle Association commenced.

27th.—A Masonic Ball held in the Town Hall, Christchurch.

28th.—The First Annual Exhibition of the Northern Agricultural and Pastoral Association took place at Rangiora.

### JANUARY, 1867.

1st.—Lyttelton Regatta. Anniversary of the Opening of the Wesleyan Church at Springston, commemorated by a Tea Meeting. The building at Kaiapoi, formerly known as the Exchange Hotel, destroyed by Fre. The Loyal Good Intent Lodge of Odd Fellows, at Akaroa, celebrated their Seventh Anniversary by a Public Ball at the Town Hall. The Amuri Races came off. Race Meeting on the Ashburton. The new Postal Act came into operation.

2nd.—Opening of Kohler's Skating Rink, at Coker's Hall, Christchurch. The Disciples of Emmanuel Swedenborg, at Christchurch, gave a Soirée at the Foresters' Hall.

3rd.—Mr. FitzGerald announced his retirement from the representation of Christehurch in the General Assembly. Bazaar at Kaiapoi in aid of the Presbyterian Manse Fund.

5th.—The Town Hall, Christchurch, thrown open as a Corn Exchange. Military Funeral of Sergt.-Major Darby, of the Volunteer Cavalry.

7th. - Distribution of Prizes to the Volunteers, by the Rifle Association, in Latimer Square.

9th.-Polling for City Councillors at Christchurch.

14th.—His Excellency the Governor arrived in Canterbury. Christchurch Illuminated in honour of the Governor's visit.

15th.—The Christchurch Races commenced.

16th.—The Provincial Council gave a Ball in the Council Chamber.

18th.—His Excellency the Governor held a Levée in the Provincial Council Chamber.

24th.—The Ladies' Bazaar opened at Lyttelton.

25th.—The Anniversary of the Birth of Robert Burns was celebrated by Public Dinners at the Town Hall, Christchurch, and the Queen's Hotel, Lyttelton.

31st.—A Dinner was given to Mr. Thomas Cass, the Chief Surveyor of Canterbury, on the occasion of his temporary departure from the Colony.

### FEBRUARY.

1st.—School Treat in Hugley Park Cricket Ground to the Sunday Scholars attending St. Michael's and St. Luke's Schools. A Horticultural Exhibition in the Government Domain in honour of the Governor's visit. Mr. J. E. FitzGerald appointed Comptroller of the Public Accounts of the Colony.

2nd .- The Governor gave a Treat to the Children of the Miners employed in the Tunnel.

4th.—The Governor visited the Theatre Royal, Christchurch.

6th.—The Governor visited Timaru.

7th.—First day of the Inter-provincial Cricket Match between Otago and Canterbury, being the Fourth Match of the series and the Second in Canterbury.

8th.—A Grand Review of the Volunteers by His Excellency the Governor took place in Hagley Park.

9th.—The Governor visited Kaiapoi.

11th.—The Governor inspected the College and High School, Christchurch. Nomination of Candidates to represent Christchurch in the General Assembly. Rifle Match between No. 8 Company, C.R.V., and the seamen of H.M.s.s. Brisk.

12th.—Tea Meeting in commemoration of the Third Anniversary of the Foundation of the Congregational Church in Canterbury. First Annual Meeting of the Canterbury Freehold Land Society. The Governor visited the Orphan Asylum, Christchurch.

13th.—Competition of Volunteers at Hillsborough for the Cup given by Mr. Luck, Chairman of the City Council. Election of Mr. Travers to represent Christchurch in the Assembly, in the stead of Mr. FitzGerald, resigned.

25th.—Annual Meeting of the Shareholders of the Christchurch Town Hall Company. Public Meeting at Kaiapoi for the establishment of a New Cemetery.

27th. -Second Annual Exhibition of the Akaroa Horticultural Society.

### MARCH.

1st .- Annual Meeting of the Church Property Trustees.

6th.—Soirée of the Canterbury Freehold Land Society, in celebration of its First Anniversary.

7th.—Dinner given to Mr. Travers, in Christchurch, by his political friends. The last Horticultural Show of the season in Christchurch.

11th.—Election of Mr. Wm. Reeves to represent the Avon district in the Assembly. Public Meeting at Lyttelton, to consider the choice of a Site for the Custom-house.

16th.—Opening of the Greymouth and Saltwater Creek Tramway, by his Honor the Superintendent.

18th.-Greymouth Races commenced.

19th.—Farewell Dinner to Mr. Luck, of Christchurch, on his return to England.

23rd.—Capture of a large shark in Lyttelton Harbour.

25th.—Meeting of the Shareholders of the Mechanics' Institute, to consider a Proposition by the Government for redeeming the Shares.

### APRIL.

1st.-Opening of the New Zealand Post-office Savings Bank.

.3rd.—The Godley Statue at Christchurch placed on its Pedestal. Annual Dinner of the Christchurch Horticultural Society. The Roman Catholics of Christchurch presented Testimonials to Mr. and Mrs. Weld, on their return to England.

4th.—Farewell Dinner to Mr. FitzGerald, on the occasion of his Departure to Wellington.

6th.—Great Fire in Colombo street, Christchurch, in the rear of the buildings between Armagh and Gloucester streets. Between £4000 and £5000 worth of property destroyed.

12th.—Annual Meeting of the Horticultural Society of Christchurch.

22nd.—The Second Prize Meeting of the Canterbury Rifle Association commenced.

26th.—Farewell Dinner, given by No. 1 Company C.R.V., to Captain Crosbie Ward, on the occasion of his leaving the Province for England.

29th.—A Public Dinner given to Mr. Crosbie Ward, at the Town Hall, on the occasion of his return to England.

### MAY.

1st.—Bazaar at the Town Hall, Christchurch, in aid of St. Luke's Parsonage Fund.

5th.—The Canterbury Freehold Land Society balloted for Allotments

7th. - Annual Meeting of the Acclimatization Society.

13th.—The Fifth Annual Meeting of the Canterbury Auxiliary Bible Society.

16th.—Formation of the Christchurch Brewing, Malting, and Distilling Company. The First Public Meeting held at Kaiapoi on the subject of Exporting Grain.

21st.—Firing for the Champion Medal given by the General Government to the Volunteers of Canterbury.

23rd.—Opening of St. Paul's Presbyterian Church, Christchurch.

24th.—The Queen's Birthday. Distribution of Prizes by the Canterbury Rifle Association.

25th.—Military Funeral of Captain Fuller at Rangiora.

29th.—A Passage was effected through the Moorhouse Tunnel from one extremity to the other. . .

31st.—Death of Mr. H. J. Cridland, one of the earliest Settlers in Canterbury.

### JUNE.

7th.—The Second Session of the Fourth Provincial Council was opened.

10th.—The Moorhouse Tunnel Illuminated and thrown open to the public.

13th.—Death of Mr. John Bealey, brother of the late Superintendent of Canterbury.

19th.—The Diocesan Synod met for the dispatch of business. Destruction by fire of the Telegraph Printing Office, Christchurch.

20th. - Formation of the Kaiapoi Land, Building, and Investment Society.

23rd.—A very destructive fire in Colombo street, between Hereford and Cashel streets.

25th.—The Annual Meeting of the Canterbury Bush Mission, held in Christchurch.

26th.—Annual Meeting of the Members of the Christchurch Mechanics' Institute.

28th.—The Papanui Steeplechase came off. Annual Meeting of the Kaiapoi Mechanics Institute.

29th.—A Banquet given to his Honor the Superintendent in the Tunnel, by the miners.

### JULY.

1st.-Mr. George Macfarlan elected to represent Lyttelton in the General Assembly.

2nd.—The Canterbury Alliance held a Public Meeting in the Town Hall, Christchurch.

5th.-Mr. Studholme elected to represent Kaiapoi in the Assembly.

6th.—The Bishop of Christchurch departed to attend the Lambeth Conference.

9th.—The Session of the General Assembly opened.

11th .- The Meetings of the Christchurch Literary Society were suspended sine die.

12th.—A large Meeting held in the Lincoln District, on the subject of Exporting Grain.

13th.—The First Annual Meeting of the Northern Agricultural Association held.

14th.—Ratification of Captain Wilson's Election as Chief Engineer of the Christchurch Fire Brigade.

15th—Public Meeting of the Unemployed held in the Town Hall, Christchurch. Presentation of the General Government District Prizes in Latimer Square.

16th.—A Deputation from the Unemployed, Christchurch, waited on His Honor the Superin tendent.

18th.—Annual Meeting of the Lyttelton Colonists' Society.

19th.—The Provincial Council Prorogued.

29th.—Meeting of a Commission appointed by His Honor the Superintendent to enquire into the alleged Distress in Christchurch. Great Meeting at Hokitika, at which resolutions were adopted to endeavour to obtain Separation of Westland from Eastland.

### AUGUST.

6th.—Inauguration of the Statue of John Robert Godley at Christchurch.

7th.—Meeting of the Unemployed in the Town Hall, Christchurch. Anniversary Meeting of the Kaiapoi Total Abstinence Society.

19th.—Kaiapoi Steeplechases.

23rd.—The affairs of the Canterbury Musical Society wound up.

### SEPTEMBER.

2nd,—Meeting at Christ's College of gentlemen interested in the Formation of Scholarships for New Zealand.

14th.—Opening of the Christchurch Market Hall in Cathedral Square.

16th.—Public Meetings were held in the Town Hall, Christchurch, and at Lyttelton on the subject of the Timaru Board Bill. Formation of the "Canterbury Agricultural Produce Export Company."

18th-Formation of the Christehurch Musical Society.

19th-Annual Meeting of the Wesleyan Missionary Society.

20th.—A Second Public Meeting, held in Christchurch, on the subject of the Timaru and Gladstone Board Bill. Capture of a Whale at Akaroa.

21st.—Trout Ova introduced into Canterbury from Hobart Town, by Mr. A. M. Johnson, of the Acclimatization Society.

26th.—The First Public Fountain in Christchurch commenced playing.

### OCTOBER.

30th.—Annual Show of the Timaru Agricultural and Pastoral Association. Annual Show of the Oamaru Agricultural and Pastoral Association.

### NOVEMBER.

5th.—Destructive Fire at Christ's College, Christchurch. Anniversary Dinner of the Licensed Victuallers of Canterbury.

6th.—Annual Show of the Northern Agricultural and Pastoral Association.

7th.—A Grand Bachelor's Ball, given at the Town Hall, Christchurch.

8th.—Annual Show of the Canterbury Agricultural and Pastoral Association.

13th.—Opening of St. John's School, Christchurch. Public Meeting in the Town Hall, Christchurch, to hear the Representatives of the City in the Provincial Council explain their views on the state of provincial affairs.

20th.—Public Meeting at Christchurch to inaugurate the formation of a Financial Reform Association.

21st.—The Inaugural Lecture delivered at the St. Albans Mutual Improvement Society. Public Meeting in Christchurch on the "Social Evil." Opening of the New Hall of the Colonists' Society of Lyttelton.

23rd.—Public Meeting at Kaiapoi to consider a plan for protecting the North from the over-flow of the Waimskariri.

25th.—Another Public Meeting at Kaiapoi for considering what measures should be adopted to improve the interior communication of the North.

### NARRATIVE OF EVENTS.

The history of the past year, whether viewed from a purely Provincial or Colonial stand-point, presents many incidents on which the political annalist will hereafter dwell, and from which he will date the inauguration of great changes in the Government of the country. Apart from politics, there is little on which it is possible to congratulate the Provinces or Colony. New Zealand, in common with most other British Colonies, has passed through a period of severe commercial depression, and the Province of Canterbury, if not the chief, has been at least a conspicuous sufferer. But the picture is not altogether gloomy, and there are events in the year's history of which the Province has just reason to be proud. These will be referred to in their proper place.

At the close of 1866, the Provincial Council had been in session for nearly three months. It had seen during that time two Ministries disposed of, and a third was in course of formation at the beginning of 1867. Mr. Stewart having resigned on an adverse vote, was succeeded by Mr. E. Jollie, as leader of the Government. But the latter had no sooner met the Council with a policy similar in most respects to that of his predecessor, than a "no confidence" vote was proposed and carried. Mr. Stewart returned to power, and retained command of the Government ship throughout the remainder of a stormy and not very useful or dignified session of the Council. Nothing was more obvious while the Council was in session than the extreme difficulty felt by the Government in arriving at even an approximate balance between revenue and expenditure. The former, so far as the land sales were concerned, had very sensibly decreased, and the Provincial debentures were unsaleable in the London market. The income which might be counted on with certainty was very limited, and there was no prospect of immediate relief from the disposal of the debentures. Under these circumstances, the work of the Council was mainly confined to the unpleasant but very necessary task of reducing the expenditure to the lowest possible limits. The relative positions of the Government and Council were very materially changed. In former days, when the exchequer was easy, the Government met the Council with a feeling of comparative independence, and with a policy which they were prepared to stand or fall by. They led the House, and received the

suggestions of the Opposition with a due regard to their own position. But an empty exchaquer altered all this. The Opposition knew that office had nothing to offer them except a continual struggle between limited means and large demands; and, when it was impossible to win the glory which the prosecution of large public works brings to a Government, there were few who cared to strive for the still greater, though less obvious, honour of carrying on the Government creditably and safely in a time of great difficulty. Accordingly, while the Council insisted on dictating the policy of the Government, the latter demanded no higher position than that of carrying out the wishes of the Council. The session of the Council closed on January 12. A second session of the Provincial Council was held from June 7 to July 19, but the business transacted calls for no special comment. It was mainly confined to discussing the probable income and expenditure of the province for the next mine months, and exhibited in a still stronger light the altered positions of the Government and the Council.

On January 14, Sir George Grey, who had not visited Canterbury for fifteen years, landed at Lyttelton, and was received with the utmost enthusiasm. His Excellency remained in the province for over a month, and so identified himself with the interests, feelings, and hopes of the settlers as to win universal popularity. After thoroughly exhausting all the objects of interest in the more immediate neighbourhood of Christchurch, he travelled southward to Timaru and westward to Hokitika, thus enjoying opportunities of seeing the province in two very different aspects, both as regards the pursuits of its inhabitants and its physical conformation. His Excellency's estimate of Canterbury, as compared with other portions of New Zealand with which he was acquainted, was somewhat fancifully expressed. To him it was the Ugly Duck among the provinces-uglier, bigger, less promising at first than any one member of the Provincial family, but in its gradual growth and development surpassing all the others. After visiting the provinces of Otago and Southland, Sir George Grey returned to Wellington; subsequently he visited Nelson and Marlborough. While on this subject, it is not out of place to notice the very general regret expressed at Sir George Grey's retirement from the Government of New Zealand. Although his term of office had expired, few dreamed that he would be recalled, so thoroughly identified had his name become with the Colony, Rightly or wrongly, it was felt that the manner of Sir George Grey's recall was at least wanting in consideration for the many distinguished services he has performed, and his untiring devotion to the advancement of colonization. His name is inseparably connected with the history of New Zealand, and he retires from its Government with the respect due to one who has done much to advance its prosperity. Sir George Grey's successor is Sir George Fergusson Bowen, who has been Governor of Queensland during the past six years, and who, in that capacity, has displayed firmness, tact, and discrimination under trying circumstances.

As the first attempt at federal action on the part of the Australasian Colonies, the Postal Conference held at Melbourne during the month of March deserves more than a passing notice. The Conference was suggested by the Imperial authorities, who expressed their desire to aid in the establishment of a more complete postal scheme of communication with Britain, provided the colonies were unanimous in recommending it. The Conference met on March 4. In all, six colonies were represented—Victoria, New South Wales, South Australia, Tasmania, Queensland, and New Zealand. The deliberations of the Conference terminated on March 20, and the scheme agreed on included three services—by Suez, Panama, and Torres Straits—at an estimated annual cost of £400,000, half of which it was expected the Home Government would contribute. But after events have proved unfavourable to the scheme recommended by the Conference. The Victorian Parliament, ostensibly on the ground that Sydney was made the terminus of all the routes, refused to ratify the agreement entered on by the delegates of that colony, and thus the unanimity insisted on by the Imperial authorities was destroyed. It has subsequently transpired that the Chief Secretary of the Post-office Department in England has reported unfavourably on the postal scheme agreed on by the Conference.

The annual session of the General Assembly was opened on July 9, and lasted till October 10. For many reasons, it was by far the most important in the history of the colony. Before proceeding to discuss the principal measures dealt with by the Assembly, it is necessary to glance shortly at one event which occurred during the recess. A very large majority of the people of Otago elected as their Superintendent a gentleman who, some years ago, was adjudged unworthy to hold the same office, and was accordingly removed by order of the Governor. It is not necessary to allude farther to the circumstances of Mr. Macandrew's dismissal from office; it is enough that he was dismissed, and that he was again elected by the people of the province. The General

Government could not alto gether approve of Mr. Macandrew as Superintendent of Otago, and they determined on a course which, while it marked their disapproval, did not interfere with the choice of the people. They refused to delegate to Mr. Macandrew certain powers under the Goldfields Act, which, as Superintendent, he was entitled to exercise, and virtually transferred their management to the central authority. The people of Otago were naturally indiguant, and for a time the "Otago difficulty" occupied a considerable share of public attention throughout the colony. Extreme measures were freely canvassed, but prudent counsels prevailed, and the question was referred to the General Assembly. It was the first important subject dealt with when the Assembly met, and the Government effected a compromise, by which—although such was not distinctly declared—the withheld powers were to be conferred on the Superintendent of Otago. This has since been done. Many who were not prepared to recognise Mr. Macandrew's fitness for the office of Superintendent were still less prepared to endorse the action taken by the General Government. They recognised in it an attempt against the independence of the provinces, and they did not fail to remember that Mr. Stafford, at the close of the session in 1866, announced the intention of the Government to bring in a measure which, it was suspected, would aim at the same object more directly. During the recess no subject had been more canvassed by those who take an interest in polities than the probable policy of the Government with regard to the outlying Provincial districts, and when, at an early period of the session, it became known that a Local Government Bill would be introduced, its general scope and provisions were eagerly looked for. In due time the Bill saw the light; and contrary to general expectations, the Government declined to stake their existence on its success. It was rejected by a large majority. Later on in the session, the question of Local Government was again brought up, and the province of Canterbury virtually dismembered by two Acts which received the sanction of the House. The outlying district of Timaru had been for years discontented with the treatment it had received from the Provincial Council, and when the Local Government Bill was thrown out by the General Assembly, an active party of local politicians commenced an agitation with the view of securing some of the advantages which they professed to believe would have been secured to them by that Bill. The result was the passing of the Timaru and Gladstone Board of Works Act. By this, the district south of the Rangitata, and including the five Road Board districts of Timaru, Waimate, Levels, Mount Cook, and Geraldine, was constituted a Central Board, each retaining its individual existence, and endowed with twenty-five per cent of the land revenue raised within its bounds. In addition to this, a portion of the unrealized Canterbury debentures-£30,000 -was allotted to the district, to be expended on certain specified works. This Bill was strongly opposed in the House by Mr. Moorhouse and a few of the Canterbury members, mainly on the ground that it established the right of the General Government to interfere in the disposal of the land fund of the province, and because it was applying to one province a principle which the House had refused to sanction in the case of the whole Colony. The Timaru and Gladstone Bill had barely passed through all its stages, when the House was informed that the district of Westland, including all that portion of the Province of Canterbury lying to the westward of the dividing ranges, was to be dealt with in much the same way. The inhabitants of the district, or a portion of them, had petitioned the General Assembly for separation from Canterbury, on the plea that their interests were neglected and ignored by the eastern half of the province. The conduct of Mr. Stafford in connection with this subject deserves to be placed on record. He at first proposed to refer the petition of Westland to a Select Committee of the House. The Committee was appointed; but, before it had given in any report, Mr. Stafford asked leave to bring in a Bill constituting Westland a County, and granting it a local Government. Notwithstanding this unconstitutional and unparliamentary method of procedure, the Bill was carried through all its stages, and became law. It grants to the district a Central Board, composed of nine members, eight of whom are elected, and one-the chairmannominated by the Governor. The machinery of Government is actually the same as that of the Provinces, under another name, with this difference—the Chairman of the Board, or Superintendent as he may be called, is nominated by the Governor, instead of being elected by the people, and all the revenues of the district pass through the hands of the Colonial Treasurer. It cannot be said that either of these Bills has given satisfaction to those whom they affect. The districts outlying from Timaru have expressed themselves as opposed to the Timaru and Gladstone Board of Works Act, alleging that under its provisions they will be in a worse position than before, when they were entirely dependent on the Provincial Council. On the West Coast, the Greymouth district, an important part of the new County of Westland, has not ceased to agitate for annexation to Nelson. While the Bill was passing through committee Mr. Moorhouse, who was placed in an awkward position by being the representative of Westland in the House, and of the whole of Canterbury as its Superintendent, managed to carry an amendment, declaring the new County liable, in proportion to its Customs revenue from year to year, for the debt incurred by the Province of Canterbury. The scheme of finance advanced by the Colonial Treasurer included two im-

portant principles-the adjustment of accounts between the General Government and the Provinces under the Surplus Revenues Act, and the consolidation of all Provincial loans. The first was the necessary prelude to the second. Hitherto the provinces have been considered entitled to three-eighths of the Customs revenue, the other moiety going to the General Government. But when the accounts were made up at the end of the financial year 1866-7, it was found that some of the provinces had been over-paid, while others had not received all they were entitled to. The Colonial Treasurer proposed to close the accounts on a plan which the House endorsed, and to place the relations between the General and Provincial Governments on a different footing in the future. Instead of three-eighths of their Customs revenue, the Provinces will now receive half the revenue, from whatever source derived-exclusive of their land fund-that is raised within their bounds. From this will be deducted the interest and sinking fund on the loans of each Province, as well as the charges for certain services. The accounts will be made up monthly, and should the share of revenue to which any province is entitled not be sufficient to defray the charges against it, the deficiency will be made a first charge on its land fund. No feature of the Colonial Treasurer's policy was more conspicuous than the liberality evinced towards the North Island Provinces, especially Auckland. Altogether they received a pecuniary advantage equal to at least £400,000. The consolidation of Provincial Loans had become absolutely necessary from the fact that Provincial bonds were unsaleable, while some of the Provinces were liable for large sums under engagements entered into on the faith of loans authorised, though not guaranteed, by the General Government. The Colonial Treasurer, in making his financial statement, stated that Provincial bonds would first be converted into Colonial stock, and then receive the Colonial guarantee. As most of these bonds had fallen greatly below par, in some instances as much as 25 per cent., it was obvious that in the process of conversion a considerable profit would arise. But when the matter came to be finally settled, the Government proposal was found to be completely changed. They brought in what was called the Public Debts Bill, the first clause of which declared that "from and after the passing of this Act" all Provincial bonds were to be held as Colonial stock; the process of conversion was entirely done away with, and the value of the bonds was at once raised to par. A minority in the House of Representatives protested strongly against this course, characterising it as a "gross fraud," and a "gigantic swindle" on the colony. The Bill passed the Lower House notwithstanding, and was sent to the Legislative Council. Here it met with determined opposition, and some amendments altering the objectionable clause were carried. A dead-lock between the two Houses was the result, and it was only by summoning to their aid some members of the Legislative Council who had left Wellington that the Government were enabled to carry the Bill. The general legislation of the session was mainly directed to the consolidation of existing laws.

The great public work on which the Province of Canterbury has been engaged for the last six years—the Moorhouse Tunnel—was successfully completed on May 24. As a full history of the tunnel is given in another part of the Almanac, it is unnecessary to do more here than notice the fact that the first engine, drawing goods waggons, passed through from Heathcote to Lyttelton on the night of November 18. With the exception of the harbour works in Lyttelton, which have slowly progressed during the year, and are still going on, the public works of the province have been few and unimportant. The Great Southern Railway has been completed up to and across the Selwyn, and is now in full operation. A line of railway to the West Coast was mooted in the Provincial Council, and the Government was authorised to expend the necessary funds in procuring a preliminary survey. Afterwards, it was announced that a line was quite practicable by the northern route, and that the probable cost would be £6000 per mile. But the project is altogether beyond the means of the province, and could hardly have been seriously entertained. It is probable that the surplus funds accruing from the sale of the debentures will be expended in providing, by means of tramways, for the uncompleted internal communications of the province.

Immigration, during the year, has been mainly confined to the introduction of single women as domestic servants. Six immigrant vessels have arrived from January 5 to November 30, bringing in all about 800 statute adults. Of these, about three-fourths have been single women. In connection with this subject, it is necessary to notice that prostitution has attained to such a pitch in Christchurch as to call for some stringent repressive measures. The increase of prostitutes is said to be due, in a great degree, to the indiscriminate importation of single women, most of whom land in the province without relations or friends. A public meeting in connection with this subject was held in the Town Hall, on November 21. The Dean of Christchurch presided, and most of the leading citizens were present. Resolutions were passed, the substance of which may be briefly stated—a more stringent application of existing laws, and further legislation with a view to complete police and medical supervision.

The extremely low price which has ruled throughout the year for all kinds of agricultural produce, and the consequent loss entailed upon a large and important section of the community, have directed very general attention to the subject throughout the Southern Provinces. The result has been the experimental shipping of wheat to England. In every case to which public attention has been drawn, these shipments of wheat have been eminenfly successful. The grain has arrived in excellent condition, in spite of the long voyage and the rapid alternations of climate, and has been sold in London at a price which, after deducting all charges, would leave at least an encouraging remuneration to the producer. An Agricultural Produce Export Company has been established in Canterbury, which will devote itself mainly to finding out the best market for all sorts of agricultural produce, and the cheapest means of conveying that produce thither. The shareholders of the company are principally farmers. In the neighbouring province of Otago several local companies of a similar nature have been formed.

Although of no great importance, we may refer to a temporary agitation among the unemployed of the so-called working classes. The agitation reached its height in July, when several public meetings were held, and pressure brought to bear on the Government. The Provincial Council was in session at the time, and a Commission was appointed to enquire into the allegations of a petition emanating from the unemployed. The result was, that the Council authorised the Government to expend a certain sum of money in finding employment for those who were really out of work. By some the agitation was looked on as the last effort on the part of the working men to keep up the high rate of wages which has prevailed for the last three years. It was alleged that if men would submit to a reduction in proportion to the fall in the price of all sorts of produce, and consequently in the cost of living, abundance of employment would be found. Such, to a very considerable degree, was the case, and the agitation died away.

The Land Sales for the year have fallen far below what they have been for some time past. For the eleven months ending November 30, they amounted to a little over 43,767 acres, representing a revenue of £87,534.

The past year will long be remembered as a disastrous period in the commercial annals of Canterbury. At the close of the year 1866, despite a crisis of almost unprecedented severity at home, we looked around us, and whilst enumerating various circumstances which might fairly be regarded as so many sources of prosperity, we flattered ourselves that our province might escape at least with but a mild visitation of such a trial. Subsequents events have since proved our views to have been too sanguine. It soon became evident that even in our small commercial community there was much that was artificial, and that an apparent prosperity existed amongst us which was only supported by a system of over-trading, always resulting in disaster. The utter prostration of trade in England naturally led to a material decline in the price of our chief staple, wool. The sales of public lands (to a great extent, perhaps, from the same cause), exhibited a marked falling off, whilst grain reached a price utterly ruinous to the farmers of the province. With February commenced a series of failures, causing great distrust and uneasiness, which lasted throughout the greater part of the year, and from which we are, but now gradually recovering. We think the greater part of our troubles may be traced to two leading causes, viz., the spirit of extravagance and over-trading which characterised the transactions not only of the importer of goods, but of the whole of our community, and the wretched return received by agriculturists for their grain crops. In both cases, however, the remedy has discovered itself. In the first instance, necessity has enforced economy, and bitter experience, together with a more stringent system of punishment, has, or at least, should have, put a stop to reckless over-trading; whilst attention has been drawn to new outlets for the surplus stocks of grain produced in the province. It appears that good samples of wheat shipped at a moderate rate of freight, are likely, for some time at least, to command such prices in the Home market as will prove encouraging to the grower, and that Australia has lately come into our market for the remainder of last year's and the now growing crop of barley. We should, in all probability, have earlier fact the advantage of this latter, had tonnage from Lyttelton been more plentiful, and greater facilities for export in the shape of eash advances, been obtainable. We shall not be out of place in referring here to the great event of the year—the completion of the Moorhouse Tunnel—as a subject not only gratifying to our pride as colonists, but as the probable means of most materially benefiting us as a commercial community. Commenced in the year 1859, the work, with but little interruption, has quietly proceeded, and railway communication between the plains of Canterbury and the port is now complete in every detail. We need hardly point out the advantages gained thereby. At the present moment we may be justified in taking a more cheerful view of matters than is conveyed in the above gloomy retrospect. Recent sales of Provincial debentures will place our Government in a much easier position as regards finance, and will be the means of some pressing public works being proceeded with. On the other hand, we may fairly look for better prices for grain, whilst the late severe experience gained in business circles will doubtless lead to a more healthy and satisfactory state of trade.

With regard to the religious aspect and progress of the province, several events of interest have taken place during the year, which tend to make it a remarkable one in the annals of almost every denomination. The Diocesan Synod met on June 19, and the debates were characterised by unusual earnestness and interest. The Synod was opened with the solemnization of Divine Service at St. Michael's Church, Christchurch, after which the members adjourned to the Freemasons' Hall, which was kindly placed at their disposal by the members of the St. Augustine Lodge. The Bishop delivered a very able address, in which he announced his intention of visiting England, for the purpose of being present at the Lambeth Conference. This he has since done, having left Canterbury by the July Panama steamer. Intelligence has been received from him, announcing his safe arrival, and of his having taken part in the Conference, and in the religious services connected with it. In the course of his charge, his Lordship remarked that he had made arrangements for delegating to the Dean and Chapter all those powers not immediately depending upon the Episcopate. The most important business before the Synod was the consideration of the following resolutions, proposed by the Rev. the Dean, which, after ample discussion and some emendations, were carried in the annexed form-" That this Synod earnestly desires that the bond of union between the Church in England and the Colonies may to the utmost be retained, and be strengthened. That, for the purpose of giving effect to this desire, this Synod hopes that means may be devised of promoting united action and common counsel between all branches of the Anglican Church. Further, this Synod desires to express its satisfaction at the approaching Conference at Lambeth, as affording some indication of an approaching unity of action, not only between the various branches of the Anglican Church, but amongst all the reformed branches of the Church Catholic. That in the opinion of the Synod, any legislation of the Imperial Parliament bearing upon the status of the Colonial Church ought to be directed to the following objects, viz :- 1. To remove all doubts as to the validity of the appointment and consecration of Bishops chosen in accordance with the rules in force in the several colonial dioceses, without reference to the sanction of the Crown by Royal mandate or otherwise. 2. To remove doubts as to the body of persons entitled to the legal ownership of all property, which now or hereafter may be possessed by the Church in the several colonial dioceses. Beyond the objects before mentioned, the Synod strongly deprecates any legislation of the Imperial Parliament affecting the organisation and freedom of action of the Church in the colonies. That this Synod expresses its earnest desire that a tribunal, or board of reference, be constituted in England for receiving and determining appeals from the colonial dioceses on questions of doctrine and discipline." They were engrossed and ordered to be entrusted to the Lord Bishop of the diocese for presentation at the Pan-Anglican Conference. Another subject of discussion was the revision of the Hymnal. For some time past a growing dissatisfaction has been felt with reference to the work now in use. In the Synod the matter gave rise to much discussion, but no definite conclusion was arrived at. The Synod broke up on June 28. The Collection known as "Hymns, Ancient and Modern," has been introduced into St. Luke's Church, and the majority of the congregation seem gratified at the change.

During the year several new churches have been built, and are now frequented by large congregations. The most noteworthy of these is the beautiful chapel just completed for the accommodation of the masters and pupils of Christ's College. It is a stone building, Early English in style, was built from a design by the Diocesan Architects, and was opened for the solemnization of Divine worship on October 28. Unfortunately, owing to the difficulty in collecting the promised subscriptions, nothing has yet been done towards the completion of the Cathedral. A meeting was, however, held in the Town Hall with reference to the subject, and the Commission was remodelled. Amongst the new churches which have been opened during the year may be mentioned the Maori church at Kaiapoi. It is a pretty and commodious structure, and what is a very gratifying fact, the Maoris contributed most generously towards its erection. The church is dedicated to St. Stephen. St. Mary's Church, Addington, has also been completed, and another church built at Templeton. Several new parsonages have been built, amongst others those of St. John and St.

Luke, Christchurch. A new schoolroom, for the use of day and Sunday scholars, has also been completed in connection with the former parish.

The Presbyterian Church has been making active progress during the past twelve months. A new church, situated in Lichfield street, Christchurch, has been opened, and is styled St. Paul's. A new and handsome church has also been built at Timaru.

The Wesleyan Church has also made great progress. Missionary meetings, both for missions abroad and at home, have been held, and the reports have been highly satisfactory. Several new chapels and schools (some of them used as places of worship) have been erected in various parts of the province. A district meeting has been held in Christchurch, which was attended by a considerable number of ministers, and an ordination service took place.

The various charitable institutions have been well supported during the year. The different institutions for the advancement of knowledge deserve a word of acknowledgment in this place. The Mechanics' Institute at Christchurch has been enriched by generous contributions of books, and a large and handsome hall for the Colonists' Society at Lyttelton has been erected. A Mutual Improvement Society has been set on foot at St. Albans. The Debating Society, originally established in connection with St. Michael's Church, continues to receive an accession of members. The Literary Society has suspended its operations for the present, but it is intended to revise it in another form.

The most noticeable event of the year in connection with education is one which applies to the whole colony. The want of that higher education which can be obtained only at a University has long been felt, and has been the means of drawing from the colony many families who would otherwise have continued to reside here. Several remedial plans have been from time to time suggested, and during the session of the General Assembly a Select Committee appointed to inquire into the subject recommended the institution of eight scholarships, two to be competed for each year. These scholarships, the committee observed, were for the purpose of affording to the successful competitors a first-rate University education in Great Britain or elsewhere. The liberal view thus taken by the committee was endorsed by the Assembly, and due provision was made for the scholarships in the estimates. By some it was considered desirable to make some provision for the establishment of a New Zealand University, and the committee was requested to consider that point. In their report they recommended that endowments should be made out of the confiscated lands, and out of the waste lands of the Crown in the several provinces, with a view to founding a University; but they declined to go farther in the meantime. The common school education of this and the neighbouring provinces keeps pace, in most cases, with the increase of population and the spread of settlement. The scholarships provided by the Canterbury Government were this year competed for by an increased number of candidates, and there is every reason to believe that the results already produced have been in the highest degree satisfactory in stimulating the efforts of teachers throughout the province.

The straits to which the provinces generally have been reduced, the effect in some cases of reckless extravagance, has strengthened the ranks of a party who have latterly aimed at the complete abolition of Provincial institutions. The popular voice seems to tend in this direction, or at least, towards a very radical reform; and even those who have been the recognised champions of the provinces have been compelled to admit that reconstruction at least is necessary. The Superintendent of Canterbury has roughly sketched out a scheme which he believes would answer the requirements of the colony. He proposes to divide the provinces into Road Board districts and Municipalities. The ratepayers in these districts would elect a certain number of members, and from these would be chosen one or more to represent the district or municipality in a Central Board of Works for the whole province. The Chairman of the Central Board would be chosen from among the members composing it, and would occupy relatively the same position as the Superintendent now does. The Land Fund of the province would be secured to the various Road Boards, a portion only being contributed by each to the Central Board for the purpose of carrying out public works affecting the whole province. It is argued that such a scheme would secure real local selfgovernment, and render a large reduction in the taxation of the colony possible. Political agitation has latterly taken a special direction in the way of Financial Reform, and associations having that title have been established in Christchurch and Nelson.

During the year three prominent public men have withdrawn from active participation in politics. The names of Messrs. Weld, FitzGerald, and Ward are inseparably connected with the history, progress, and legislation of the colony. To the first New Zealand owes the assertion and maintenance of the great principle of self-reliance, at a time when long-continued Imperial interference had reduced her to the greatest straits; to the third, the establishment of the Panama service; and to all three, the example of a high-minded devotion to the public service.

One of the events of the year which cannot be passed over in silence is the erection and inauguration of the Godley Statue. This is the first, and as yet the only public statue in New Zealand, and the Province of Canterbury has fitly preserved the memory of a good colonist and devoted public servant.

### THE ROYAL FAMILY.

QUEEN (Alexandrina) Victoria, born May 24, 1819; proclaimed June 21, 1837; crowned June 28, 1838; married February 10, 1840, to her cousin, Field-Marshal His Royal Highness Francis Albert Augustus Charles Emanuel, Duke of Saxe, Prince of Saxe Coburg and Gotha, K.T.G.C.B., born August 26, 1819; died December 14, 1861.

Issue: Victoria Adelaide Mary Louisa, Princess Royal, born November 21, 1840; married January 25, 1858, to Prince Frederick William, of Prussia. Albert Edward, Prince of Wales and Earl of Dublin, born November 9, 1841; married March 10, 1863, to Princess Alexandra, of Denmark. Alice Maud Mary, born April 25, 1843; married July 1, 1862, to Prince Frederick William Louis, of Hesse. Alfred Ernest Albert, born August 6, 1844. Helena Augusta Victoria, born May 25, 1846.; married, Prince Christian. Louisa Carolina Alberta, born March 18, 1848. Arthur Patrick William Albert, born May 1, 1850. Leopeld George Duncan Albert, born April 7, 1853. Beatrice Mary Victoria Feodore, born April 14, 1857.

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RULE FOR CALCULATING INTEREST AT FIVE PER CENT.—Multiply the pounds by the days, and divide the product by 365. The quotient gives the interest at five per cent. in shillings.

ADVERTISEMENTS

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N.B.—Photographic Chemicals, Homeopathic Medicines.

MESSRS. COOPER & TAYLOR,

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CHRISTCHURCH.

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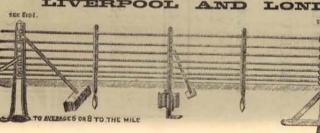
# & MORTON,

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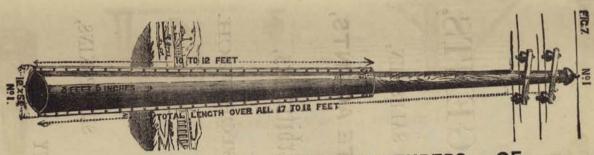


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AGENCY-CHRISTCHURCH.

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Estimates for every description of Iron or Wire Work given.

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# COMMISSION AGENTS,

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Placed in their hands for immediate Sale.

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IN THE

NEW SALE ROOMS, CASHEL STREET, CHRISTCHURCH,

AND OF

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CARLTON YARDS EVERY WEDNESDAY.

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GENERAL MERCHANDISE

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Town and Country Sales attended, and prompt Settlements made.

Cash advanced on Goods for Absolute Sale.

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Having assumed the business of the late firm of Messrs. Burnell, Bennett and Sprot, begs to inform Shippers and owners of Stock, that his

AND SHEEP YARDS ARE NOW READY.

THE YARDS CONSIST OF

A Good Drafting Yard, with Pens for about 300 Head of Cattle;

THE SHEEP YARDS ARE ADAPTED FOR

DRAFTING AND ASSORTING ABOUT TWO THOUSAND SHEEP.

THERE ARE ALSO

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From the situation of the Yards, being at the junction of the main roads leading to Christchurch, only one mile from the town, and the care that will be taken to make proper conveniences for assorting without injuring the Stock, J. H. Bennett trusts that he will be able to accommodate both Buyers and Sellers.

Driving to the Yards will be undertaken, and ample assistance in drafting, branding, and yarding will always be at hand.

A thoroughly experienced Judge of Stock, and Stockmen have been engaged for the work. The Yards will be let at per head for work connected with Stock.

Paddocks on all the roads leading to the Yards.

Every care will be taken of all Stock received for Sale

ADVANCES

Will be made to Shippers, Owners, &c., on all Stock placed in the hands of the Agent for bona fide sale, either by private treaty or public auction.

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H. MATSON & CO. receive every description of Goods into these Stores, either for Sale, Shipment, or Storeage.

They hold Sales of Wool and Station Produce on the FIRST WEDNESDAY of each month during the Season.

Advances made on Wool consigned to Melbourne or London, and on all Stock or Produce placed in their hands for absolute Sale.

Weekly Sales of Stock at Carlton Yards every Wednesday. Country Sales attended, and prompt settlements made.

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CATHEDRAL SALE YARDS & AUCTION ROOMS,

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THE UNDERSIGNED HAS

AMPLE STORE ROOMS & COMMODIOUS YARDS

FOR RECEIVING FOR

SALE BY PUBLIC AUCTION,

OR OTHERWISE,

WOOL, HIDES, SKINS, GENERAL MERCHANDISE, HOUSEHOLD FURNITURE,

STOCK OF ALL KINDS, FARMING IMPLEMENTS,

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And is prepared to make liberal advances on the same placed in his hands for Absolute Sale.

The Weighbridge is also open to the public at current rates.

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LIBERAL ADVANCES MADE

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Consigned to their friends in London, or the Australian Colonies.

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Sheepskins, Willool, Cash

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NORWICH QUAY, LYTTELTON,

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IMPORTERS AND DEALERS

IN ALL SORTS OF

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Station, Farm, and Country Orders promptly attended to.



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In returning thanks for the success he has met with during the four years he has been in business, takes this opportunity of informing his Friends and Customers, that he has made considerable additions to his premises, and feels assured that, from his long experience with the celebrated firm of Peters and Sons, he will be able to give entire satisfaction to all who may honour him with their support.

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&c.,

&c.

Made, Repaired, Painted, Varnished, and Trimmed with neatness and despatch.

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ESTABLISHED 1850.

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AND

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GENERAL COMMISSION AGENT.

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ARBITRATOR AND ACCOUNTANT.

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Are available for all the Pupils under the supervision of the Masters.

TERMS, INCLUDING BOARD AND SCHOOL FEES:-

UNDER TWELVE YEARS OF AGE ... ... ... ... ... ... ... 55 GUINEAS.

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Manifold Writers, Minute Books Mathematical Instruments and T

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Demy (white), for Druggists
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the various shapes and thicknesses,
from the smallest size up to 4to for
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Evolet Machinas and Evolet
Evolet Machinas and Evolet

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Moist Water Colours

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XXV.

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# Family and Dispensing Chemists,

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#### CONCENTRATED PEPSINE SOLUTION.

An excellent remedy for indigestion, and a superior form of administering Pepsine.

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An instantaneous cure for Toothache.

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An agreeable and efficacious remedy for preserving the Teeth from decay, and causing a firm and healthy appearance to the Gums.

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For perfuming Apartments, disinfecting Sick Rooms, &c., &c.

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# R. & D. SUTHERLAND,

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A Choice Stock of Very Superior

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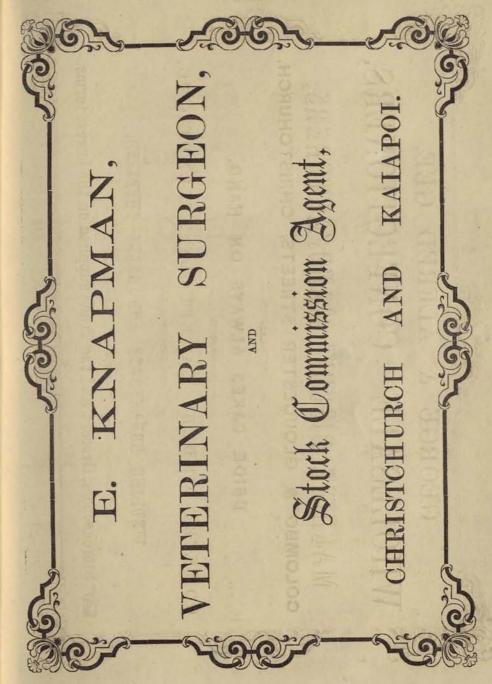
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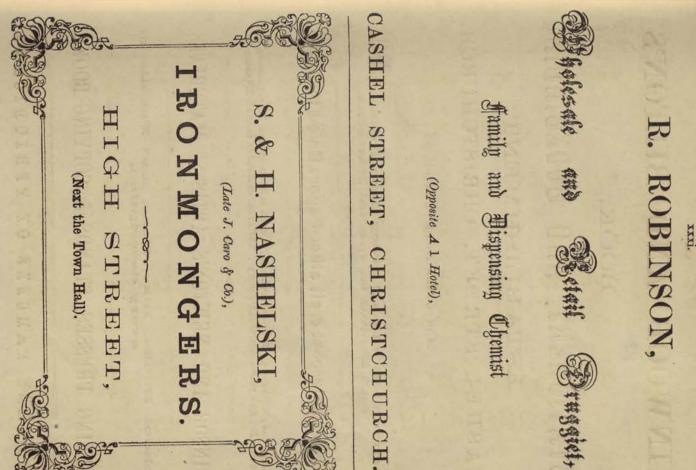
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Comfortable Board & Residence

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IN THE VERY BEST CONDITION.

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D. LARNACH, Esq., MANAGING DIRECTOR.

T. S. ATKINS, Esq.

SIR DANIEL COOPER.

WM. WALKER, Esq.

#### Bankers :

THE BANK OF ENGLAND.
THE LONDON JOINT STOCK BANK.

#### HEAD OFFICE-Sydney, New South Wales.

SHEPHERD SMITH, Esq., GENERAL MANAGER.

#### NEW ZEALAND BRANCHES.

#### J. OSWALD GILCHRIST, INSPECTOR.

Auckland	***	***	***	***		Town Wassesses 35
Wellington	***	***			25	JOHN WOODHOUSE, Manager.
Wanganui	***		***	***	***	EDWARD MILLER, Manager.
Nelson		***	****	***	444	JOHN KIRKPATRICK, Acting Manager
Hokitika	***	****	***	***	222	Hy. Goulstone, Acting Manager.
Christchurch	***	****	***	1,000	111	Geo. Preshaw, Manager.
	***	944	***	1,556.7	***	JAMES R. HILL, Manager.
Lyttelton	***	***	212		***	JAMES R. HILL, Manager.
Invercargill	212	***	***	:444	***	A. T. ADAMSON, Manager.
Dunedin	***	***	***	***	100	CHAS. STEWART, Manager.

#### NEW ZEALAND GOLD AGENCIES.

Otago.
CROMWELL.
DUNSTAN CREEK
MOUNT IDA.
WAIPORT.

Otago.
DUNSTAN.
BLACK'S.
LAWRENCE.

Nelson. WESTPORT. CHARLESTON. BRIGHTON. Canterbury. GREYMOUTH. ROSS, BANK OF NEW SOUTH WALES-Continued.

#### New South Wales Branches.

T. O'S. GREEN, INSPECTOR.

Head Office

- George Street, Sydney.

PARRAMATTA STREET, SYDNEY, SOUTH.

WILLIAM STREET, SYDNEY, EAST.

NEWCASTLE.
MAITLAND.
ALBURY.
DENILIQUIN.
BATHURST.
GUNDAGAI.
WAGGA WAGGA.

SOFALA.
MUDGEE.
WINDSOR.
RICHMOND.
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MELBOURNE.
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T. O'S. GREEN, INSPECTOR.

BRISBANE.
IPSWICH.
TOOWOOMBA.

ROCKHAMPTON. BOWEN. TOWNSVILLE. WARWICK. ROMA.

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Scotland .- THE ROYAL BANK OF SCOTLAND.

Bristol and West of England .- STUCKEY'S BANKING COMPANY.

Manchester .- MANCHESTER AND LIVERPOOL DISTRICT BANK.

Liverpool .- NORTH AND SOUTH WALES BANK.

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Ireland .- NATIONAL BANK.

South Australia .- THE SOUTH AUSTRALIAN BANKING COMPANY.

Tasmania.—THE COMMERCIAL BANK OF V.D.L.

Western Australia. - THE WESTERN AUSTRALIAN BANK.

Hamburgh .- MESSRS. MERCK AND Co.

New York .- MESSES. DUNCAN, SHERMAN AND Co.

India, China, Ceylon, Mauritius, Singapore. THE CHARTERED MERCANTILE BANK OF INDIA,

Manilla .- MESSES. RUSSELL AND STURGIS.

Batavia .- MESSES. MORGAN, MELBOURN AND Co.

Cape of Good Hope .- LONDON AND SOUTH AFRICAN BANK.

#### AUSTRALIA. UNION BANK OF

#### LIABILITY OF SHAREHOLDERS UNLIMITED.

PAID-UP CAPITAL £1,250,000 RESERVE FUND. £250.000.

HEAD OFFICE ... 38, OLD BROAD STREET, LONDON.

#### Court of Directors.

Robert Brooks, Esq., M.P. Robert Campbell, Esq. Robert Carter, Esq. James John Cummins, Esq. Frederick G. Dalgety, Esq. Edward P. W. Miles, Esq.

George Carr Glyn, Esq., M.P. Robert Brooks, Esq., M.P.

Bank of England

William Fanning, Esq. Charles Henry Mills, Esq. Sir Henry Watson Parker. James Bogle Smith, Esq. William Wilson, Esq. Sir Charles Nicholson, Bart.

Trustees :

James John Cummings, Esq.

Bankers :

Messrs. Glyn, Mills, Currie and Co.

Solicitor :

William Murray, Esq.

Manager:

H. W. D. Saunders, Esq. (London).

Secretary :

W. R. Newburn, Esq.

Colonial Officers :

INSPECTOR AND GENERAL MANAGER: John F. McMullen, Esq. (Melbourne).

ASSISTANT INSPECTORS:

John Simpson, Esq. Alexander Sutherland, Esq.

George Cowie, Esq.

#### AGENTS:

The National Provincial Bank of England The London and County Bank

The Bank of Liverpool, Liverpool
The Gloucestershire Banking Company, Gloucester,

The County of Gloucester Bank, Gloucester
The Devon and Cornwall Banking Company,

Plymouth Messrs. Baillie, Cave, Baillie and Co., Bristol Messrs. Sir William Miles, Bart., and Co., Bristol

Messrs. Grant, Gillman, and Long, Portsmouth.

The Bank of Ireland The Royal Bank of Ireland, Dublin

The National Bank of Scotland The Commercial Bank of Scotland

The Bank of British North America The Chartered Mercantile Bank of India, London and China

The Chartered Bank of India, Australia and China The Mauritius Commercial Bank

The Standard Bank of British South Africa

The London and Brazilian Bank

Messrs. Bolithos, Sons and Co., Penzance, &c. Messrs. Tweedy, Williams and Co., Truro, &c. Messrs. Foster and Co., Cambridge, &c. Messrs. Lloyds and Co., Birmingham The Town and District Bank, Birmingham

Messrs. Beckett and Co., Leeds Messrs. William Williams, Brown and Co., Leeds

Messrs. Claypons, Garfit and Co., Boston, &c. The Northamptonshire Union Bank, Northampton, &c. The Lancaster Banking Company, Lancaster, &c.

The Northern Banking Company, Belfast

The Union Bank of Scotland

The City of Glasgow Bank The London, Buenos Ayres, and River Plate

Messrs. Frederick Huth, Gruning and Co., Valparaiso

Messrs. Hellmann, Brothers, and Co., San Francisco

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#### COLONIAL ESTABLISHMENTS.

NEW SOUTH WALES. SYDNEY.

QUEENSLAND.

BRISBANE, ROCKHAMPTON. VICTORIA.

#### Melbourne.)

And Agencies.

Wood's Point. Alexander.

Geelong.

(Sandhurst.) And Agencies.

Tarngulla.

Ballarat, ) Portland,

And Agencies.

Smythesdale.

Clunes. Daylesford (Jim Crow).

Piggoreet (sub-agency of Smythesdale).

Invercargill'

SOUTH AUSTRALIA.

ADELAIDE, PORT ADELAIDE.

TASMANTA.

HOBARTON, LAUNCESTON.

NEW ZEALAND.

WELLINGTON, AUCKLAND, NAPIER,

(NELSON,) And Agencies.

Buller.

CHRISTCHURCH, LYTTELTON, TIMARU.

(Hokitika.)

And Agencies. Greymouth.

Ross (Totara). Waimea. Stafford Town.

(Dunedin,) And Agencies.

Dunstan.

2000 The Bank issues Drafts and Letters of Credit on London, which are negotiable through its various Agents, and on its Branches and Agencies in the Colonies as above.

General Terms of Business may be ascertained on application at the Bank's Offices,

HEREFORD STREET, CHRISTCHURCH,

NORWICH QUAY, LYTTELTON.

# The Liberpool and London and Globe Insurance company.

NOTICE TO HOLDERS OF LIFE POLICIES

Permission has been given by this Company to the

#### ASSURED UNDER LIFE POLICIES

To join and be engaged in Actual Service in any

Bolunteer or Wisitia Worps, within the simits of the Wolony

In which they are enrolled,

#### WITHOUT EXTRA PREMIUM,

But that the Members of such Corps serving

#### BEYOND THE LIMITS OF SUCH COLONY

Will subject themselves to the usual

PENALTIES FOR MILITARY SERVICE.

#### WILLIAM BOWLER,

LYTTELTON AND CHRISTCHURCH,

Agent for the Province of Canterbury.

# The Liberpool and London and Globe Insurance Company.

INSTITUTED 1836.

CAPITAL SUBSCRIBED ...
RESERVED SURPLUS FUND

... £2,000,000.

£971,409 12s. 10d.

LIABILITY OF THE COMPANY UNLIMITED.

Progress of the Liverpool and London and Globe Insurance Company since 1850 :-

YEAR.	FIRE PREMIUMS.	LIFE PREMIUMS.	INVESTED, FUNDS.		
1851	£54,305	£27,157	* £502,824		
	222,279	72,781	821,061		
1856	360,130	135,974	1,311,905		
1861	452,696	153,395	1,417,808		
1862	581,734	209,567	1,566,434		
1863		236,243	3,212,343		
1864 1866	742,674 818,055	254,597	3,254,355		

FIRE AND LIFE LOSSES PAID BY THE COMPANY SINCE ITS ESTABLISHMENT TO THE END OF 1863, £2,870,872.

This Company presents unusual facilities for Life Assurance. Policies issued without the delay attendant upon referring to London or Sydney.

Fire Insurance in all its branches. Premiums varying according to risk. Losses arising from Fire, or on Death, promptly paid by the undersigned.

On all subjects connected with the business of the Company the fullest information can be had on application to

#### WILLIAM BOWLER,

Lyttelton and Christchurch.

AGENT FOR THE PROVINCE OF CANTERBURY.

# Trust and Agency Company of Australasia

(LIMITED).

CAPITAL

£500,000

WITH POWER TO INCREASE.

DIRECTORS.

WILLIAM FREDERICK BARING, ESQ., Banker, Sittingbourne.

ANDREW BONAR, ESQ., late Colonial Chairman of the Australasian Trust Company,

ALFRED DENISON, ESQ., Al' emarle Street.

HENRY KINGSCOTE, ESQ., Director of the Canada Agency Association.

The HON. ARTHUR KINNAIRD, M.P. (Messrs, Ransom, Bouveri and Co.)

FRANCIS AUGUSTUS BEVAN. ESQ.

SOLICITORS.

Messrs, TUKE & VALPY, 17, Lincoln's Inn Fields. | JOHN MACKELL, ESQ., 34, Canon Street West,

BANKERS IN LONDON.

Messrs. BARCLAY, BEVAN & CO.
Messrs. RANSOM, BOUVERIE & CO., Pall Mall East.
NATIONAL BANK OF SCOTLAND AND BRANCHES IN SCOTLAND.

AUDITORS.

WILLIAM MILLIKIN, ESQ., Secretary, Bank of Australasia. GEORGE GLADSTONE, ESQ. (Messrs. W. S. Lindsay and Co.)

GENERAL MANAGER:
JAMES HORA, ESQ.

REGISTERED OFFICE.
31. ST. SWITHIN'S LANE, LONDON, E.C.

LOCAL TRUSTEES.

ROBERT WILKIN, ESQ. CYRUS DAVIE, ESQ. GEORGE GOULD, ESQ. THOMAS CASS, ESQ. SAMUEL BEALEY, ESQ.

BANKERS IN THE COLONIES.
THE BANK OF AUSTRALASIA.

W. H. WYNN WILLIAMS, ESQ.

The Directors of this Company are now prepared, through the undersigned, to make immediate Advances on Mortgage of Freeholds, Stations, and Stock.

The Company will also undertake the negotiation of Loans on Debentures; the Collection and Prompt Remittance of Rents, Dividends, Interests, and other Money; the Management of House Property and Landed Rstates; the Acceptance of Powers of Attorney; the English Agency of Local Railways and Joint-Stock Companies; the Receipt and Remittance of Moneys of Friends of Colonists in the United Kingdom and elsewhere; the Registration in London of Colonial Patents; and any Financial Business requiring careful attention and a guarantee of good faith.

For Prospectus, Particulars of Rates of Interest, Commission, &c., apply to

#### CHARLES ROBERT BLAKISTON,

LOCAL MANAGER

OFFICE.

AT W. H. WYNN WILLIAMS, ESQ., Solicitor to the Company, Hereford Street, Christchurch.

# Hew Zealand Trust and Loan Company

---

CAPITAL

£500,000.

In 20,000 Shares, of £25 each (with power to increase).

- DO

TRUSTEES.

ROBERT BROOKS, ESQ., M.P. | G. GRENFELL GLYN, ESQ., M.P. J. J. CUMMINS, ESQ.

DIRECTORS.

SIR CHARLES CLIFFORD, Chairman.

F. G. DALGETY, ESQ., Messrs. Dalgety & Co., Cannon Street, Deputy-Chairman.

CAPTAIN HENRY CARR GLYN, R.N., 15, Eaton Terrace, Eaton Square.

H. SELFE SELFE, ESQ., 15, St. George's Square, Pimlico.

R. A. BROOKS, ESQ., Messrs. Robert Brooks & Co., St. Peter's Chambers, Cornhill.

GEO. FENNING, ESQ.

BANKERS.

IN NEW ZEALAND .- THE UNION BANK OF AUSTRALIA.

CHRISTCHURCH LOCAL BOARD.

WILLIAM DOUGLAS CARRUTHERS, ESQ. WILLIAM JOHN WARBURTON HAMILTON, ESQ. RICHARD JAMES STRACHAN HARMAN, ESQ. C. C. BOWEN, ESQ.

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OTAGO—Dalgety, Rattray and Co. SOUTHLAND—Dalgety, Rattray and Co. NELSON and MARLBOROUGH—Edwards and Co. WELLINGTON—Levin and Co.

This Company is established for the purpose of supplying to New Zealand the advantages already enjoyed by the Colonies of Australia and Canada by the Trust and Loan Societies now existing; and is prepared to make advances upon Freehold and other Securities.

Every information afforded on application to

#### W. D. CARRUTHERS,

GENERAL MANAGER,

HEREFORD STREET, CHRISTCHURCH.

#### MERCHANTS,

CUSTOM HOUSE AND COMMISSION AGENTS,

CATHEDRAL SQUARE,

#### CHRISTCHURCH,

MILIAN DOTALL MANDERS AND MANDERS

NORWICH QUAY, LYTTELTON.

AGENTS TO THE

D. CARRUTHERS.

NEW ZEALAND INSURANCE COMPANY.

xlix.

# NEW ZEALAND INSURANCE COMPAN;Y.

FOR FIRE & MARINE INSURANCE

CAPITAL £250,000, IN £100 SHARES,

With Unlimited Liability of the Shareholders.

#### FIRE:

Insurances effected upon Farm Buildings and Stacks, Wool in Sheds, Mills, Breweries, Dwelling-houses, Warehouses, Shops, Stock-in-Trade, &c., &c., at current rates.

#### MARINE:

This Office Insures Wool and Gold to England at London Rates, saving policy duty; also, takes risks either on Ships or Goods for voyage or time at current rates, for coasting or foreign voyages.

Full information on all subjects connected with the business of this Company can be obtained on application to

MR. H. BELFIELD;
MR. E. C. LATTER,

MESSRS. J. BIRCH & CO.,

Kaiapoi;

MESSRS. J. WHITE & CO.,

Kowai;

MR. J. J. LOE,

Or to the Agents for Canterbury,

#### J. M. HEYWOOD & CO.,

LYTTELTON AND CHRISTCHURCH.

D

UNDERSIGNED

ARE

BUYERS OF

WOOL & OTHER PRODUCE,

AND

MAKE LIBERAL ADVANCES

ON

CONSIGNMENTS TO ENGLAND, MELBOURNE, AND SYDNEY.

THEY ARE ALSO PREPARED TO

SELL STOCK AND STATIONS

SHIP WOOL, &C.,

AND TO UNDERTAKE ALL KINDS OF

AGENCY BUSINESS FOR STOCKOWNERS.

MILES AND CO.,

CHRISTCHURCH, LYTTELTON, AND TIMARU.

STATION SUPPLIES ON HAND.

STEAM TO

Panama, New York, West Indies, and Southampton.

THE PANAMA, NEW ZEALAND, AND AUSTRALIAN ROYAL MAIL COMPANY'S (LIMITED)

SPLENDID FAST STEAMSHIPS.

MATAURA, 1767 tons, 550 horse power.—G. E. Bird, R.N.R., Commander. RUAHINE, 1503 tons, 450 horse power.—T. S. Beal, Commander. KAIKOURA, 1501 tons, 500 horse power.—J. W.B. Darke, R.N.R., Commander. RAKAIA, 1450 tons, 400 horse power.—S. H. Wright, R. N. R., Commander. PRINCE ALFRED, 900 tons, 180 horse power.—

Commander.

In conjunction with the Magnificent Steamships of the Royal Mail Steam
Packet Company of London, and Pacific Mail Steamship
Company, New York.

#### OUTWARD:

Leave	Southampton	on or about	***	2nd	Arrive	at St. Thomas	on or	about	17th
	St. Thomas	>>	***	18th	22	at Colon	25		22nd
22	Panama	12	***	24th	33	Wellington	22	***	22nd

#### HOMEWARD:

Leave	Wellington on or about	8th	Arrive	at Panama on	or about	5th
99	Colon via Jamaica and Haiti St. Thomas on or about	7th		at St. Thomas		 13th
32		1000	33	Southampton	22	 29th

In conjunction with the above, engaged in the Intercolonial and Interprovincial Service, trading between Melbourne, Sydney and all the principal ports in New Zealand, are the

#### FINE FAST STEAMSHIPS

				Acres de la constitución de la c		
AUCKLAND, 850 tons, 150 horse power TARARUA, 850 tons, 150 horse power	**	244		***		H. HARRIS, R.N.R., Commander.
OTAGO, 800 tons, 150 horse power	***	***		***	W. J. (	J. HAGLEY, Commander. D. SYMONS, R.N.R., Commander.
CLAUD HAMILTON, 800 tons, 100 hor RANGITOTO, 700 tons, 145 horse power	se power	***			J.	VINE HALL, Jung., Commander.
PHŒBE, 650 tons, 120 horse power	***	***	***	200	***	T. J. TAVERNOE, Commander. E. Wheeler, Commander.
EGMONT, 550 tons, 90 horse power LORD ASHLEY, 500 tons, 90 horse pow	ere deer		***		***	A. W. JACK, Commander,
AIREDALE, 400 tons, 80 horse power		***		***		H. WORSP, Commander,

Arriving and Departing as per Monthly Time Table.

Fall Particulars can be obtained at the Head Colonial Office, Wellington, Capt. H. B. Benson, General Manager; or at any of the following

#### COLONIAL

Auckland—H. M. JERVIS, Queen street
Napier—ROUTLEDGE & CO.
Taranaki—CHARLES BROWN, Beach.
Nelson—THOMAS CAWTHORN, Wharf.
Picton—A. BEAUCHAMP, Wharf.
Canterbury—MILES & CO., Lyttelton and Christehurch.
Otago—G. S. BRODRICK, Dunedin.

# A.G.E.N.C.I.E.S.: Bluff, Invercargill—T. BRODRICK, Hokitika—J. WHITE. Greymouth—G. W. MOSS. Tauranga—DANIEL HENDERSON.

Tauranga—DANIEL HENDERSON.
Wanganui—EDWARD CHURTON.
Sydney—JOHN HILL, Grafton Wharf.
Melbourne—CHAS. LEWIS & CO., Elizabeth street, S.

CHIEF OFFICE-41, MOORGATE STREET, LONDON.

JAMES MORLEY, Secretary.

#### ROYAL INSURANCE COMPANY.

#### FIRE AND LIFE.

CAPITAL - - - - £2,000,000

FUNDS IN HAND EXCEED ONE MILLION.

ANNUAL INCOME - - - £500,000

#### LIABILITY UNLIMITED

#### ONE of the LARGEST INSURANCE COMPANIES in the WORLD.

Its business extends throughout the whole of Great Britain, and very largely into the Continents of Europe, Asia, America, and Australia. The Royal is specially distinguished for the Promptitude and Liberality of its Settlements, for its Large Bonuses, Moderate Premiums, and unexampled Prosperity,

In the Life Department, Bonuses were declared in 1855, 1860, and 1865, amounting to

#### £2 PER CENT. PER ANNUM ON THE SUM ASSURED!

The Greatest Bonus ever continuously declared by any Company.

#### EXTRACT FROM LAST REPORT.

"The present aspect and future prospects of the Life Branch remain as promising as ever."

The Report shows the new business in Life Assurance for 1863 to have amounted to £752,546, being an advance of £24,069 over the previous year. The half-year of 1864, however, far outstrips the ratio of progress indicated by these figures, as the sum assured for that period of six months only actually exceeds half-a-million sterling. The Life and Annuity Fund have been augmented by the large sum of £124,165 7s. 5d. within the limits of the past year.

The Undersigned having been appointed Agents for the Royal in Canterbury, are prepared to make Insurances on Buildings and other Property at Current Rates, and on Lives on the most advantageous terms.

All risks rated upon their own merits, and losses promptly settled on the spot.

#### MILES AND CO.,

CHRISTCHURCH, LYTTELTON, AND TIMARU.

# THE BRITISH AND FOREIGN Marine Insurance Company, (LIMITED).

CAPITAL

£1,000,000

In 50,000 Shares of £20 each, with power to increase to £2,000,000.

#### Chairman:

THOMAS CHILTON, of HOLDERNESS & CHILTON

... Liverpool

#### Deputy-Chairmen.

HENRY THRELFALL WILSON, of H. T. WILSON & CHAMBERS Liverpool ARCHIBALD BOYD, Director of the Union Bank of London ... London

#### Underwriters:

LIVERPOOL—R. N. DALE. LONDON—F. W. BULLEN.

#### Secretaries:

LIVERPOOL—WALTER D. PRITT. LONDON—G. F. ARGLES.

#### Offices:

MANCHESTER BUILDINGS, LIVERPOOL. 25, CORNHILL, LONDON.

THE undersigned having been appointed Agents for the British and Foreign Marine Insurance Company in Canterbury, are prepared to accept all kinds of Marine risk at current rates (except on hulls of Ships). Losses paid on the spot, or in Liverpool or London, at the option of the Assured.

#### MILES AND CO.,

Christchurch, Lyttelton, and Timaru.

THE

# North British and Mercantile

FIRE INSURANCE COMPANY.

Chairman :

JOHN WHITE CATOR, Esq.,

(Messrs. J. W. CATOR, SON, & Co.)

Deputy-Chairman :

CHARLES MORRISON, Esq.,

(Messrs. Morrison, Dillon, & Co.)

Manager :

GEORGE HENRY WHYTING, Esq.

CAPITAL - £2,000,000 STERLING.

All Risks rated upon their own merits.

LOSSES PROMPTLY AND LIBERALLY SETTLED.

Forms of Proposal, and every information will be furnished, on application to the Undersigned, who has been appointed Agent for the Company in Canterbury.

ROBERT SYMINGTON,

CATHEDRAL SQUARE, CHRISTCHURCH.

EDWIN BURNELL,

(Late of the Firm of Burnell, Bennett & Sprot,)

AUCTIONEEB.

STOCK, STATION & LAND AGENT,

HIGH STREET,

CHRISTCHURCH.

LIBERAL CASH ADVANCES

MADE ON

WOOL, HIDES, TALLOW,

AND ALL

COLONIAL PRODUCE.

Also, on ALL STOCK placed in his hands for bona fide Sale.

STOCK SALEYARDS.

Christchurch, Papanui—Weekly.

Selwyn-Last Monday in each Month.

# G. COATES,

CHRONOMETER,

#### WATCH AND CLOCKMAKER,

JEWELLER, &C.,

Seven Years with Mr. Sigismund Rentzsch, Inventor and Maker of the Patent Circumvoluting Repeating Watch, &c., corner of St James's Square, and afterwards for sixteen years a Maker to the Trade, but principally for Mr. B. L. Vulliamy,

Her Majesty's Watch and Clock Maker,

68, Pall Mall,

Begs most respectfully to thank the public of Canterbury for their patronage, and to assure them that no effort shall be spared to make his Establishment the most complete in New Zealand.

G. C. feels confident that, from his long experience and knowledge of the business generally, and as he makes a personal selection of his Goods from the English and Continental Manufactories, he is enabled to offer the public the best and choicest selection of Jewelry at a Cheaper Rate than any other house in New Zealand.

#### The Manufacturing and Bepairing Department

He is determined to keep in the most efficient state, having every appliance to do so. He undertakes to Repair every kind of Time-Keeper whatever, in a workmanlike manner, including

WATCH-JEWELLING, GILDING, ELECTRO-PLATING, AND TYPING.

-06900

The bond fide Maker of the Lords' and Commons' House Clocks at the Palace, Westminster.

#### G. COATES,

COLOMBO STREET, NEAR THE GENERAL POST OFFICE

CHRISTCHURCH.

B. PETERSEN,

WATCHMAKER.

JEWELLER AND SILVERSMITH,

HIGH STREET, CHRISTCHURCH,

BEGS TO INFORM HIS PATRONS AND THE PUBLIC GENERALLY THAT HE IS NOW PREPARED TO TAKE ORDERS FOR

Silber, Ten, and Coffee Services

OF ANY DESIGN,

And entirely of his own Manufacture.

CUPS, VASES, INKSTANDS,

OF THE MOST ELEGANT PATTERNS,

MANUFACTURED AT HIS ESTABLISHMENT.

A VERY RECHERCHE STOCK OF JEWELRY

IN ALL ITS BRANCHES.

B. PETERSEN.

GOLD AND SILVER



ENGLISH & GENEV

A. M. URQUHART,

(Late C. Asmussen, Established 1859.)

Watchmaker, Jeweller, &c.,

COLOMBO STREET,

(South of Cathedral Square,)

NEAR THE BANK OF NEW ZEALAND.

#### CHRISTCHURCH.

A. M. U. having engaged the services of experienced and efficient workmen is now enabled to conduct the Manufacturing and Repairing Department with Promptitude and Dispatch.

A. M. U. has an elegant assortment of Jewelry, Gold Watches, &c., of the newest and most fashionable designs, by late arrivals.



[ESTABLISHED 1862.]

AN ELEGANT ASSORTMENT OF

Colonial, English, and Foreign Jewelry,

SILVER AND PLATED-WARE,

ON HAND, BY LATE ARRIVALS.

Every Description of Jewelry made to order on the premises.

Repairs Neatly Executed.

Diamonds, and every Description of Stones Elegantly Set.

N.B.-WATCHES AND CLOCKS

Accurately Repaired, and Guaranteed for Twelve Months.







#### LINCOLN COTTAGE

#### PREPARATORY SCHOOL.

cece do de

CRANMER SQUARE, CHRISTCHURCH.

#### MRS. ALABASTER

Receives Boys between the ages of Five and Ten years, to ground them in

ENGLISH, LATIN, AND FRENCH,

And prepare them for their

After-Studies at the College.

It is not necessary that a Boy, on entering, should know his Letters, so long as he can sit still and conform to rule.

TERMS:

Day Scholars Boarders

£4 per Quarter, in advance £55 per Annum

BOOKS AND FOUND.

> NO EXTRAS.

HOLIDAYS-Six weeks at Christmas; four at Mid-winter; one each at Michaelmas and Easter HALF-HOLIDAYS-Wednesdays and Saturdays.

# Christchurch Academy.

This School, conducted by Mr. David Scott (for Six Years Rector of the High School), will be opened on

MONDAY, JANUARY 20, 1868.

Mathematical Master :

MR. DAVID SCOTT.

· Classical Master :

REV. W. J. HABENS, B.A.

English and Commercial Master :

MR. A. C. FYFFE.

French and Drawing Master :

MONSIEUR BELMAIN.

Music Master :

MR. J. A. WADDINGTON.

Drill Master :

ENSIGN MCKENNA.

The House, which was built especially for a Boarding School, is situated in a healthy locality, and the adjoining Grounds afford every accommodation for

CRICKET & GYMNASTIC EXERCISES.

Terms for Boarders :

Above 12 Years of Age ... 65 Guineas Under ,, ,, ... ... £4 4s. to £10 10s. per annum Day Pupils, from

CHRISTCHURCH

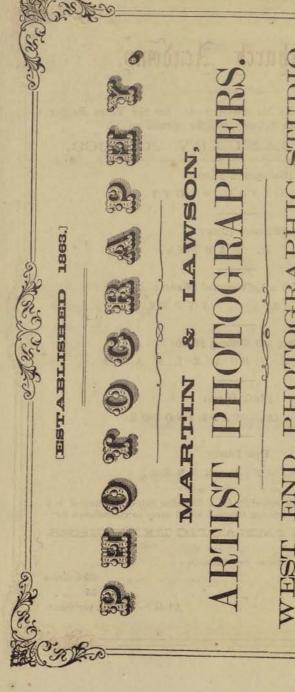
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Miniature and other Portraits executed in



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(Next to Walton & Warner's Bonded Store,) CHRISTCHURCH.

Carte De Disite, Cabinet, Miniature, and ebery Description of Picture taken in the most Artistic Style.

NONE BUT APPROVED PICTURES SENT OUT.

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(Formerly of Chester Street,)

BUILDER, CONTRACTOR,

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(John Buxton's Old Premises, corner of Durham Street and Whately Road,)

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R. MILSOM,

Manufacturer of Lemonade, Ginger Beer,

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ÆRATED WATERS, DUBLIN STREET, LYTTELTON,

CORDIALS OF ALL KINDS ALWAYS ON HAND.

SHIPPING SUPPLIED.

JOHN PERCY,

Boot & Shoemaker & Importer,

LONDON STREET.

LYTTELTON.

H. T. BOWERS,

(Late of the City of Gloucester,)

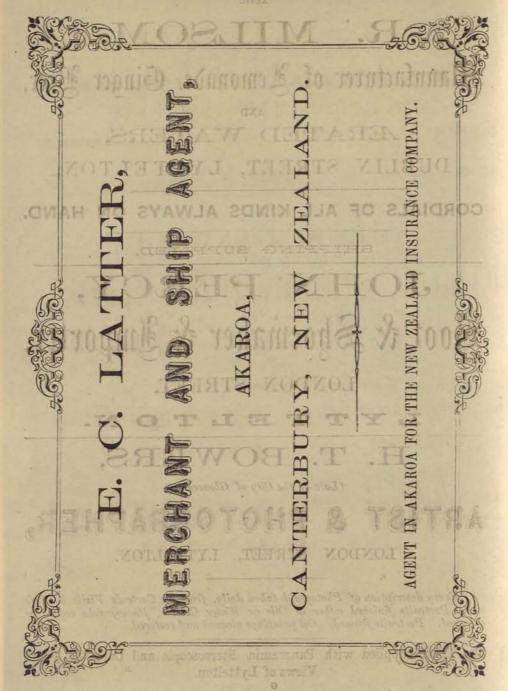
ARTIST & PHOTOGRAPHER,

LONDON STREET, LYTTELTON.

Every description of Photograph taken daily, from the Carte de Visite to Life size. Portraits finished either in Oils or Water Colors. Photographs copied or enlarged. Portraits framed. Oil paintings cleaned and restored.

The Trade supplied with Panoramic, Stereoscopic and Carte de Visite Views of Lyttelton.

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# S. HAYES,

GENERAL CARRIER,

COAL & FIREWOOD MERCHANT,

DURHAM STREET NORTH, OPPOSITE MR. KNAPMAN'S.

All Kinds of Goods, Light and Heavy, Removed to any part of the Province with the greatest care.

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SKINS, HIDES, GREASY WOOL AND SACKS.

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LOOSE BOXES & PADDOCK ACCOMMODATION.

SADDLE AND HARNESS HORSES,
TWO AND FOUR-WHEELED TRAPS
ALWAYS ON HIRE.

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HORSES BROKEN TO SINGLE & DOUBLE HARNESS.

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GRIST GROUND AT CURRENT RATES.

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ALL DESCRIPTIONS OF LAMPS MADE OR REPAIRED.

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FENCING MATERIALS SUPPLIED FOR STATION PURPOSES.

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Soda Water, Lemonade, and Cordial MANUFACTURER,

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SUPERIOR GINGER BEER, GINGER WINE, &C., &C.

Genuine Orange, Stoughton and other Bitters.

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Accommodation of the best and most complete description for families or travellers.

WINES, BEER, SPIRITS, &c.,

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BRICKLAYER,

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In returning his grateful thanks for the very liberal encouragement he has had since commencing business in Woodend, begs to assure his numerous customers that he will continue to keep Goods of the best quality at MODERATE PRICES, whereby he hopes to receive a continuance of their patronage and support.

J. N. has also much pleasure in stating that he has been appointed agent for the celebrated

#### COOKHAM BOOTS.

WINE, FANCY & PLAIN BISCUITS,

Of every description, at shortest notice.

AGENT FOR THE "LYTTELTON TIMES."

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(Late Alfred Weston,

CHARLES STREET, KAIAPOI.

# EATAPOT STORE

(OPPOSITE THE PIER HOTEL),

CHARLES STREET, KAIAPOI.

# NEWNHAM AND COMPANY

(LATE NEWNHAM AND BUDDLE),

GROCERS, DRAPERS,

AND

#### GENERAL STOREKEEPERS,

Shipping & General Commission Agents.

PRODUCE OF ALL KINDS BOUGHT & SOLD.

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ALWAYS ON HAND, OR BOUGHT TO ORDER.



Agricultural Implement Maker, Kaiapoi.

PRIZE PLOUGH, WITH WROUGHT OR CAST IRON SHARE,
. MANUFACTURED BY J. KEETLEY.

The First Prize was awarded to J. Keetley at the late Dunedin Exhibition for 1865,

And also at Five successive Shows of the Agricultural Association for his

Ploughs, in competition against English and Colonial make.

At the Christchurch and Kaiapoi Agricultural Shows, 1867, J. K. obtained first prizes for lightness of draught and superior work against Messrs. Howard's Gold Medal Plough, recently imported.

PERAKI STREET, KAIAPOI,
JAMES ASHWORTH,
PEOPELETOE.

Odines, Herrs, Spirits, &c.,
All of the best brands.

PRIVATE ROOM FOR FAMILIES,
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Good Accommodation for Travellere.

PADDOCKS, STOCKYARDS, & STABLES,
FOR CAPTLE.

BILLIAED TABLE.

Large Hall for Public Meetings or Entertainments.

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WOODEND SHOEING FORGE.

and General Smith,

# ESTABLISHMENT DRAPERY

# STREET, CHARLES

Desires to intimate to the Ladies of Kaiapoi and its vicinity that she has purchased

# Wusiness, Mrapery. Mrs. Spillard's

# ORESSMARING, MILLIMERY

Which will be carried on in all its Branches, and at most Moderate Charges, in the Old Premises; no effort at the same time being spared to deserve a continuance and increase of the patronage bestowed on her predecessor.

THE Undersigned has made such improvements in his Artesian Well-Boring Apparatus as will enable him to bore through any strata, however hard, and to any depth.

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NORTH ROAD, WOODEND.

TO THE PUBLIC OF CANTERBURY,

ARTESIAN WELL-BORERS, &C.

Pumps of Powerful Draught made to order, suitable for Stations, Artesian Well-Borers, and others.

Also, Tools of every description, for Artesian Well Boring.

GEORGE THOMAS.

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BUTTER KEGS, CHEESE VATS,
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CHEAP!!!

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#### CARRIAGES MADE TO ORDER.

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Repairs, Painting, and General Smith's Work neatly executed.

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Timber of every description cut to order with dispatch.

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COFFEE ROASTERS TO THE TRADE,

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(Opposite Messrs. Dalgety and Co.'s,)

CHRISTCHURCH,

Near the Railway Station.

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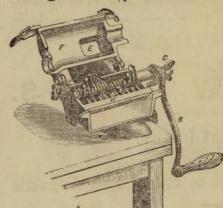


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#### TOPHAM.

Patentee and Sole Manufacturer of the

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The patented arrangement in this Machine is a longitudinal opening in the side of the Cylinder, fitted with a Sliding Door, so as to allow the meat to pass through cut as fine as butter for Potted Meats; or by enlarging the opening, it can be cut various sizes for Mincing purposes, or coarser for Hashes, Pies, &c. It will cut Vegetables for Soups, also Mash Potatoes, Cut Fruit and Suet.

No. 10. No. 11. No. 12. 30s. 42s. 63s.

#### ARCHER'S PRIZE MEDAL MINCING AND SAUSAGE MAKING MACHINE.

These Machines will Mince and Mix the Seasoning at the same time, Force the Meat into the Skins for Sausages, Make Potted Meat, Cut Vegetables for Soups, also Mash Potatoes, &c.

No. 1-12s. 6d.

No. 2-16s.

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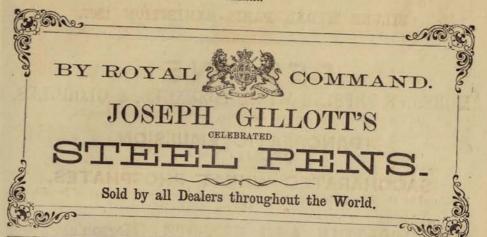
#### MASTICATORS FOR THE DINING TABLE

Are adapted to Mince small quantities of Cooked Meat for persons who are unable to Masticate their Food properly, also for Invalids, Children, &c., 15s. A KNIFE SHARPINER IS SUPPLIED WITH EACH MACHINE-1s. EXTRA.

Manufactured and supplied Wholesale only by

CHARLES TOPHAM. 4. DUCKSFOOT LANE, UPPER THAMES STREET, LONDON.

TUBE BRUSHES FOR BOILER. TUBES OF EVERY DESCRIPTION MADE TO ORDER.



Important Hotice to those Residing in the Bush.

#### BORWICK'S BAKING POWDER

Makes Bread light and digestible in a few minutes without the use of yeast. Pastry and Puddings should never be made without it, as it renders them light and easy of digestion.

In answer to your request, I am happy to say I have tested Borwick's Baking Powder, and it proves to be very good, when properly used.

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I hereby certify that I have made a careful analysis of BORWICK'S BAKING POWDER. The ingredients are all of the purest description, perfectly wholesome, well and proportionably mixed, and will keep good in any elimate. Indeed, I consider it a beautiful farinaceous Powder, and well qualified for raising Bread, Pastry, &c. CHARLES WATT, Analytical Chemist.

I have used BORWICK'S BAKING POWDER for the last twelve years, and consider it to be an invaluable help to thrifty housewives who delight in making home happy, as they can thereby make Cakes and Puddings for their Yours, &c.,

M. ROBERTS, Matron to the Female Refuge, Sydney.

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Panama, New Zealand, and Australian Royal Mail Steamship "Kaikoura."

Mg. Borwick,
Dear Sir,—Having been Chief Pastry-cook at the Royal Hotel, Sydney, for the period of eighteen months, and for the last sixteen months Pastry-cook and Baker on board the above ship, I have great pleasure in recommending your Baking Powder to the notice of the public. During the above periods I have constantly used it, and consider it the best preparation of the kind that ever came under my notice.

I have the honour to remain, yours truly,
RICHARD ADAMS.

Having tried BORWICK'S BAKING POWDER, we consider it invaluable, especially m passenger and emigrant ships, as it makes Bread and Pastry light and digestible, effecting a great saving in time and labour, as the Bread is prepared in a few minutes, instead of the ordinary slow process of fermentation by yeast. Captain's Name. W. P. Hammond James G. Gibbon Barque " King Oscar." Ship.
Barque " Princess Beautrico." Josh. G. Grange " Recoree. J. B. Brown John H. Cluton " Miss Kilmansegge." " Sorata." James Buttry " Hopeful."

Soldaby all Chemists, Druggists, and Storekeepers throughout the Colonies, and Wholesale at the Manufactory, Chiswell Street, London.

SILVER MEDAL, PARIS EXHIBITION 1867.

#### PEPSINE.

MORSON'S PEPSINE WINE, LOZENGES, & GLOBULES,

The popular remedy for weak digestion. In bottles and boxes, from 2s.

#### PANCREATIC EMULSION

In 4 and 8 oz. bottles

SACCHARATED WHEAT PHOSPHATES,

Introduced by Dr. Tilbury Fox, supplying an important deficiency in the food of Invalids and Children.

GELATINE AND CRESOTE (Morson's)
CHLORODYNE in bottles and globules (Morson's)
PURE CHEMICALS & LATEST PREPARATIONS.

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Orders to be made payable through Agents, or by English Drafts.

Shipping Orders Carefully Packed.

PRIZE MEDAL PARIS 1867.

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GLASS BOTTLE COMPANY'S WORKS,

CASTLEFORD NEAR NORMANTON, YORKSHIRE,

Manufacture Glass Bottles for Wine, Spirit, and Beer Merchants, Distillers, Confectioners, Oilmen, Picklers, Fruit
Bottlers, Sauce Makers, Perfumers, Chemists and Druggists, Patent Medicine Vendors, Manufacturing
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Sodawater Makers in India and the Colonies are supplied with Machines, Bottles, Corks, and every other article required in the trade.

The Cork-lined Necks and Glass Plugs, known as PATENT STOPPERED BOTTLES were introduced and made exclusively by The Aire and Calder Glass Bottle Company, and are now applied to bottles of nearly every class, and in many cases at reduced prices. Bottles are supplied from the Works in nearly made cases with divisions for each bottle, which avoids the necessity to use straw, saves time in packing, and the litter of unpacking straw-packed hampers. The Machinery used for cutting Patent or Hollow Corks is available for the production of ordinary Corks and other useful applications of this material.

Office in London-83, Upper Thames Street.

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NEWTON & BARNES,

Civil Engineers, Contractors,

IRON AND BRASS FOUNDERS.

ENGINEERS, MILLWRIGHTS, SMITHS,

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Agricultural Implement Makers.

Straining Brackets, Standards, Gates, and Tanks, for Station purposes, made to order.

Tomb Railings, Plain and Ornamental Cates, Palisading, Verandas, &c.

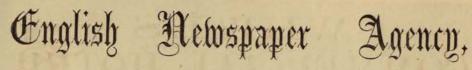
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Register Stoves, any size (for which we received a Bronze Medal at Dunedin Exhibition), Slabs, Ovens, Boilers, and all kinds of Cooking Apparatus made to order.

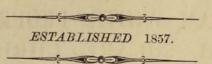
Sole Agents in Canterbury for T. Robinson and Co.'s, of Melbourne, celebrated Agricultural Implements and Machines.

WELLS BORED.





COLOMBO STREET, CHRISTCHURCH.



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Informs the Public of Canterbury that he is prepared to supply

THE HOME NEWS,

The Illustrated

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Saturday Review, The Times,

EVENING MAIL,

Weekly Dispatch, News of the World, Art Journal,

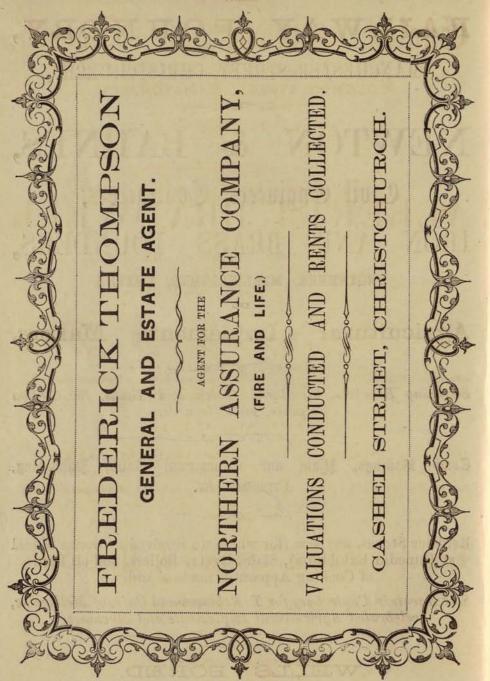
Family Herald, London Journal, Cornhill Magazine

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TO HALF-YEARLY SUBSCRIBERS.

TERMS CASH.



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WILLIAM WHITE, PROPRIETOR,
CATHEDRAL SQUARE, CHRISTCHURCH.
WM. HOBBS & SONS,
Tailors and Thoollen Prapers,

COLOMBO STREET

AND

CORNER OF CATHEDRAL SQUARE, CHRISTCHURCH.

ESTABLISHED 1856.

IMPORTERS OF EVERY DESCRIPTION OF

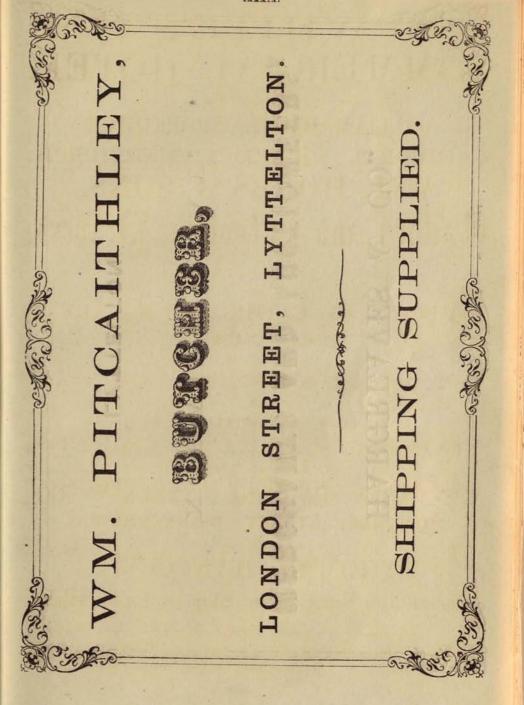
CLOTHS, DOESKINS, TWEEDS,

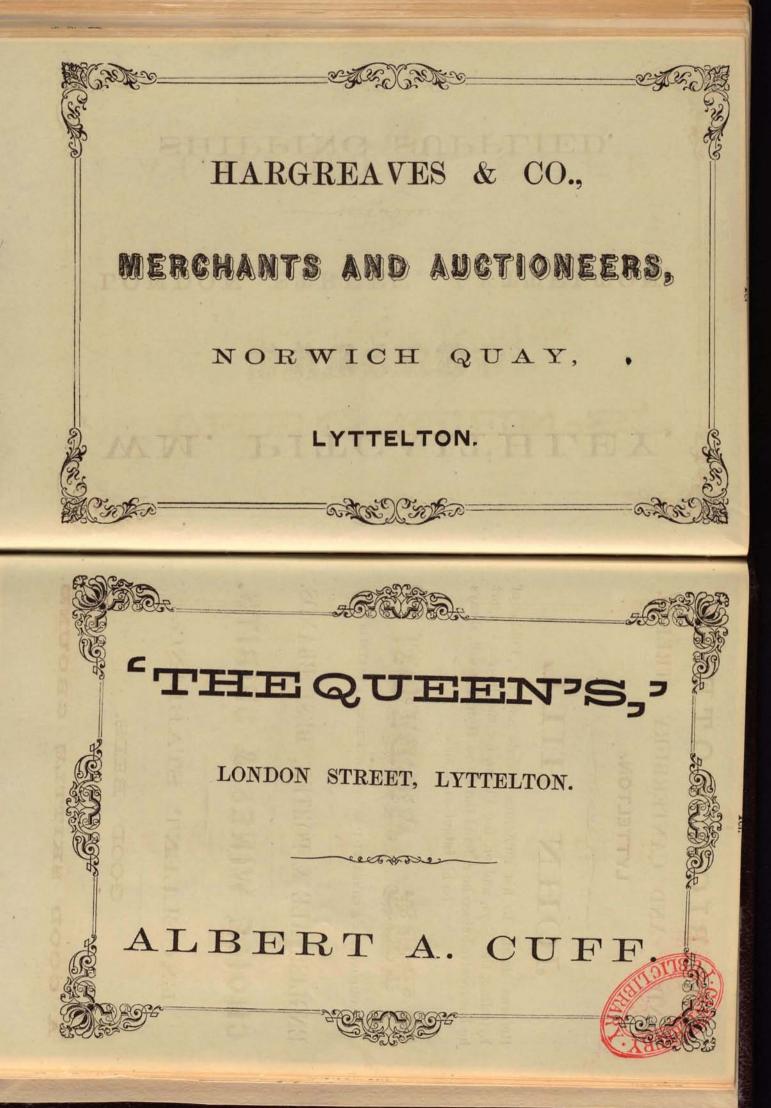
NEW TOWN SOAP AND CANDLE WORKS, MONTREAL STREET, CHRISTCHURCH.

#### THOMAS HANCOCK,

Wholesale and Betail Grocer, Soap and Candle Maker.

Manufacturer of the celebrated Wax Wick Mould Candles. Will burn longer than cheap Sperms. Can be purchased at fifty different Stores.





#### ALBION HOTEL,

LONDON AND CANTERBURY STREETS,
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#### JOHN HILL

Returns thanks to his numerous friends and the Public of Lyttelton, the Bays, and on the Plains, for the liberal support he has received since he entered the above Hotel; it will always be his intention to make



A COMFORTABLE & CHEERFUL HOME FOR RESIDENTS & TRAVELLERS.

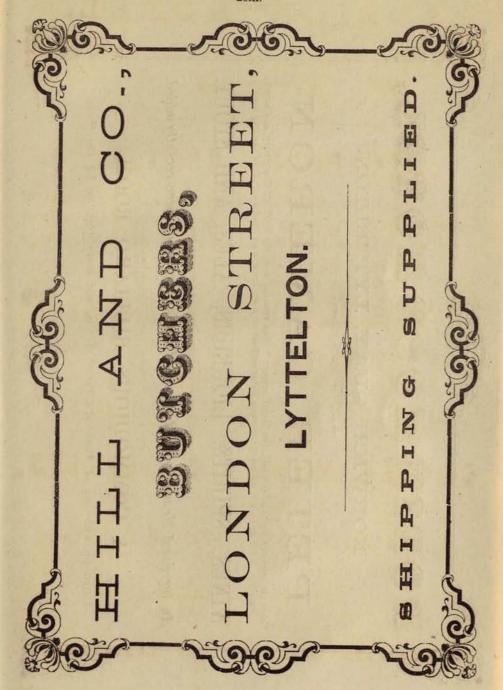
ENGLISH ALE & PORTER, BEST BRANDS.

CHOICE WINES & SPIRITS.

EXCELLENT STABLING.

GOOD BEDS.

A GOOD SKITTLE GROUND.





NORWICH

Takes this opportunity to acknowledge the liberal support he has received from the Public of Canterbury, and begs to state that in future he will endeavour to merit the same Patronage by keeping on hand a supply of the very best

LIQUEURS, ALES, AND SPIRITS, WINES,

An increased Number of Bedrooms and Sitting-rooms have been recently added.

COMMODIOUS BILLIARD ROOM,

Fitted up with one of Thurston's Patent Tables, and every requisite for the Game.



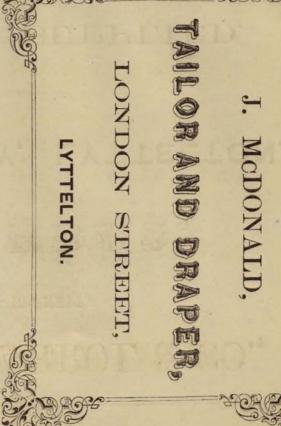




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PLEASURE

CENSED CANTERBURY STREET, GEORGE MESSITER, WATERMAN,



May be always engaged at one hour's notice, or to take Passengers to any place

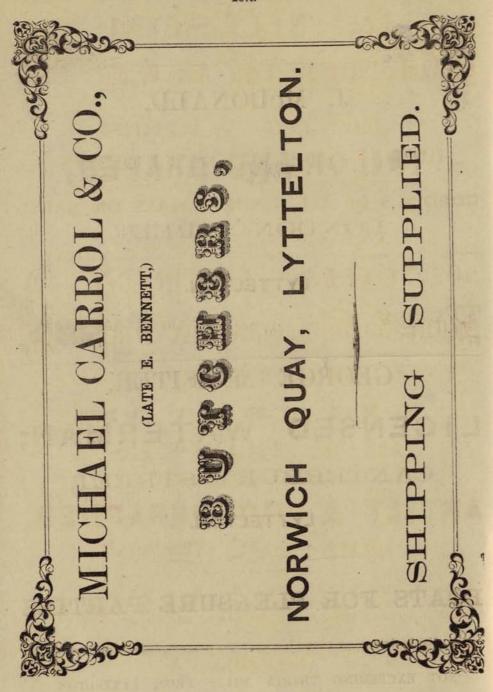
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Manufacturer of Lemonade, Ginger Beet,

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CORDIALS OF ALL KINDS ALWAYS ON HAND.

SHIPPING SUPPLIED.

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(Late of the City of Gloucester,)

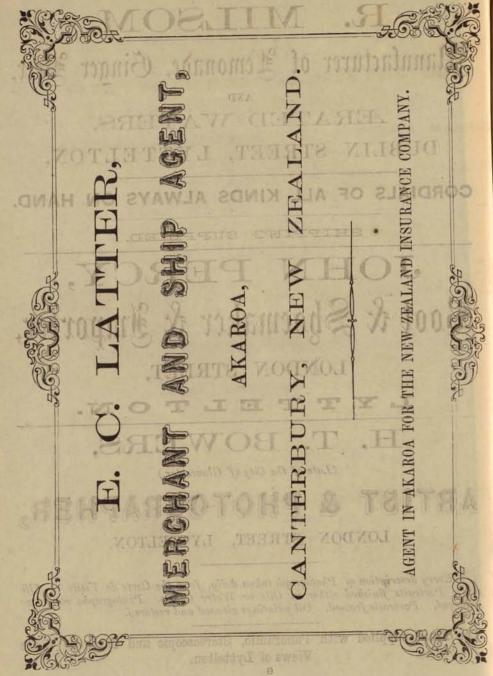
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All Kinds of Goods, Light and Heavy, Removed to any part of the Province with the greatest care.

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Genuine Orange, Stoughton and other Bitters.

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Accommodation of the best and most complete description for families or travellers.

WINES, BEER, SPIRITS, &c.,

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PRIVATE ROOM FOR FAMILIES,

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Good Accommodation for Travellers.

PADDOCKS, STOCKYARDS, & STABLES,

FOR CATTLE.

BILLIARD TABLE.

BILLIARD TABLE.

BILLIARD TABLE.

WOODEND SHOEING FORGE.

NEAR THE WESLEYAN CHAPEL,

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TO THE PUBLIC OF CANTERBURY,

ARTESIAN WELL-BORERS, &C.

# ESTABLISHME DRAPERY LINERY

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Desires to intimate to the Ladies of Kaiapoi and its vicinity that she has purchased

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