

THE
SOUTHERN PROVINCES

ALMANAC,

DIRECTORY AND YEAR BOOK



BEING THE SECOND YEAR AFTER BISSEXTILE OR LEAP-YEAR.

Thirteenth Year of Publication.

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TIDE, HOURS, RANGE, AND COMPASS VARIATION.

PLACE.	H. W. F. & C.		RANGE, FEET.	VARIATION, EAST.	
	H.	M.		°	'
NORTH ISLAND.					
Three Kings Island	8	0	7	0	0
Bay of Islands	7	15	4 to 9	14	55
Wanganui Harbour	7	0	5 to 9	14	20
Auckland Harbour	7	5	7 to 11	14	30
Tauranga Harbour	7	10	6	14	18
Cape Runaway	9	16	6	14	18
East Cape	8	55	7	14	47
Povey Bay	6	5	5 to 6	14	40
Ahuriri Harbour	7	50	2 1/2 to 5	15	0
Port Nicholson	9	0	6 to 8	14	53
Kapiti Island	10	15	4 to 8	14	45
Manawatu River	9	30	6 to 14	14	45
Wanganui River	10	0	7 to 13	14	45
Taranaki	10	55	8 to 11	14	45
Kawhia Harbour	9	30	8 to 11	14	45
Mamaku Harbour	10	0	8 to 11	14	45
Kaipara Harbour	10	55	8 to 11	14	45
Hokianga Harbour	9	45	10	14	45
MIDDLE ISLAND.					
Cape Campbell	6	0	6 to 8	14	53
Kaikoura Peninsula	5	30	6 to 8	15	24
Lyttelton	4	20	4 to 8	15	40
Alexandra	3	24	4 to 8	15	40
Otago Harbour	3	30	4 to 8	15	40
Molyneux River	3	8	4 to 8	15	40
Rangitikei River	3	8	4 to 8	15	40
Bluff Harbour	3	8	4 to 8	15	40
Preservation Inlet	1	0	4 to 8	16	1
Cape Farewell	11	20	4 to 8	16	16
Motupipi River	9	20	4 to 8	16	16
Nelson Haven	0	50	6 to 14	15	31
Port Hardy	9	50	6 to 14	15	31
Polaris Sound	9	55	6 to 14	15	31
Port Gore	10	0	6 to 14	15	31
Queen Charlotte Sound	9	0	6 to 14	15	31
Tory Channel	8	50	6 to 14	15	31
Port Underwood	8	15	6 to 14	14	5
SOUTH ISLAND.					
Port William	12	45	4 to 8	13	54
South Cape	12	0	4 to 8	16	6
Trepa Rocks	12	0	7	18	0

HIGH WATER.

TABLE,

From which to find approximately the times of High Water in the Harbours of Nelson, Lyttelton, and Port Chalmers, from the Age of the Moon.
Calculated for the afternoon of each day.

MOON'S AGE.	NELSON.*		LYTTELTON.		PORT CHALMERS.	
	Days.	H. M.	H. M.	H. M.	H. M.	H. M.
0	9	50	4	20	3	30
1	10	27	4	57	4	7
2	11	4	5	34	4	44
3	11	39	6	5	5	15
4	0	38	6	38	5	46
5	1	20	7	8	6	18
6	2	10	7	50	7	0
7	3	13	8	40	7	50
8	4	30	9	43	8	53
9	5	50	10	10	10	10
10	6	58	10	10	10	10
11	7	53	1	28	0	33
12	8	39	2	23	1	33
13	9	30	3	9	2	19
14	9	53	3	50	3	0
15	10	35	4	23	3	0
16	11	11	5	5	4	58
17	11	48	6	18	4	15
18	0	45	6	36	5	28
19	0	45	7	15	5	46
20	1	31	8	1	6	29
21	1	31	8	1	7	11
22	2	22	8	53	8	2
23	3	29	9	59	8	2
24	4	47	11	17	9	9
25	5	6	11	17	10	27
26	6	16	0	35	11	46
27	7	11	1	41	0	51
28	8	5	2	35	1	45
29	8	48	3	18	2	28
30	9	23	3	53	3	8

* At Marlborough the tide is three hours earlier than at Nelson. Thus, at full and change it is High Water at Nelson at 9.50, and at Marlborough at 6.30.

ECLIPSES IN 1866.

During this year there will be three Eclipses of the Sun and two of the Moon.

I.—A partial Eclipse of the Sun, March 17th, invisible either in England or the Southern Hemisphere. The following are reduced to mean time at Lyttelton:—

- Begins on the earth generally,—
March 17, 8h. 20m. a.m., in longitude 141° 34' E.; latitude, 49° 57' N.
- Greatest Eclipse,—
March 17, 9h. 22m. a.m., in longitude 129° 8' E.; latitude, 72° 6' N.
- Ends on the Earth generally,—
March 17, 10h. 23m. a.m., in longitude 90° 6' W.; latitude, 85° 21' N.

This Eclipse will be visible in the North Polar regions, and in the North Eastern part of Asia.

II.—A total Eclipse of the Moon, March 31st, partially visible in England, and very partially visible in New Zealand. The following are reduced to mean time at Lyttelton:—

First contact with the Penumbra	...	...	31d. 0h. 59m. p.m.
First contact with the Shadow	...	...	31d. 2h. 9m. p.m.
Beginning of total Phase	...	...	31d. 3h. 15m. p.m.
Middle of the Eclipse	...	...	31d. 4h. 4m. p.m.
End of total Phase	...	...	31d. 4h. 53m. p.m.
Last contact with the Shadow	...	...	31d. 5h. 59m. p.m.
Last contact with the Penumbra	...	...	31d. 7h. 9m. p.m.

If the evening be clear, the termination of this Eclipse will be visible as the Moon will rise three minutes before its last contact with the Shadow.

III.—A partial Eclipse of the Sun, April 15th, invisible both in England and New Zealand. The following are reduced to mean time at Lyttelton:—

- Begins on the Earth generally,—
April 15, 4h. 42m. p.m., in longitude 33° 30' E.; latitude, 64° 55' S.
- Greatest Eclipse,—
April 15, 6h. 22m. p.m., in longitude 136° 39' E.; latitude, 71° 30' S.
- Ends on the Earth generally,—
April 15, 8h. 2m. p.m., in longitude 135° 25' E.; latitude 84° 15' S.

The Sun will set at New South Wales at the commencement of the Eclipse, and at Melbourne and Tasmania at the Middle of the Eclipse.

IV.—A total Eclipse of the Moon, September 24-25, visible in New Zealand. The following calculations are reduced to mean time at Lyttelton:—

First contact with the Penumbra	...	...	24d. 10h. 35m. p.m.
First contact with the Shadow	...	...	24d. 11h. 50m. p.m.
Beginning of total Phase	...	...	25d. 0h. 50m. a.m.
Middle of the Eclipse	...	...	25d. 1h. 38m. a.m.
End of total Phase	...	...	25d. 2h. 25m. a.m.
Last contact with the Shadow	...	...	25d. 3h. 25m. a.m.
Last contact with the Penumbra	...	...	25d. 4h. 22m. a.m.

V.—A partial Eclipse of the Sun, October 9th, invisible in New Zealand, partly visible in England. The following are reduced to mean time at Lyttelton:—

- Begins on the Earth generally,
October 9, 2h. 23m. a.m., in longitude 120° 59' W.; latitude, 68° 15' N.
- Greatest Eclipse,—
October 9, 4h. 15m. a.m., in longitude 2° 50' W.; latitude, 72° 1' N.
- Ends on the Earth generally,
October 9, 6h. 7m. a.m., in longitude 16° 25' W.; latitude, 34° 38' N.

This Eclipse will be partially visible in Western Europe, the North Western part of Africa and the Northern regions of North America, the North Atlantic Ocean intervening.

PRINCIPAL ARTICLES OF THE CALENDAR, FOR THE YEAR 1866.

Golden Number	5	Dominical Letter	G
Epact	14	Roman Indiction	9
Solar Cycle	27	Julian Period	6579

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

Epiphany	Jan. 6	Ascension Day—Holy Thursday	May 10
Septuagesima Sunday	" 28	Pentecost—Whit Sunday	" 20
Quinquagesima—Shrove Sunday	Feb. 11	Birth of Queen Victoria	" 24
Ash Wednesday	" 14	Trinity Sunday	" 27
Quadragesima—1st Sunday in Lent	" 18	Corpus Christi	" 31
St. David	Mar. 1	Accession of Queen Victoria	June 20
St. Patrick	" 17	Proclamation	" 21
Annunciation—Lady Day	" 25	St. John Bapt.—Midsummer Day	" 24
Palm Sunday	" 25	St. Michael—Michaelmas Day	Sept. 29
Good Friday	" 30	Birth of Prince of Wales	Nov. 9
EASTER SUNDAY	April 1	St. Andrew	" 30
Low Sunday	" 8	1st Sunday in Advent	Dec. 2
St. George	" 23	St. Thomas	" 21
Rogation Sunday	May 6	Christmas Day	" 25

The year 5627 of the Jewish Era commences on September 10, 1866.
 Ramadán (Month of Abstinence observed by the Turks) commences on January 18, 1866.
 The year 1283 of the Mohammedan Era commences on May 16, 1866.

MEMORANDA.

All the articles of the Ephemeris have been reduced from the "Nautical Almanac" for 1866 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° 44' 17" E.; latitude, 43° 36' 42" S.

JANUARY—XXXI DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
Full Moon	1 7 0 p.m.	First Quarter	24 8 25 a.m.
Last Quarter	9 9 7 a.m.	Full Moon	31 7 59 a.m.
New Moon	17 8 7 a.m.		
Apogee, 10d. 10h. a.m.		Perigee, 24d. 9h. a.m.	

DAYS.	REMARKABLE DATES.	SUN'S AP- PARENT DE- CLINATION.		EQUATION OF TIME ADD TO APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
		°	' "			M. S.	D.	H. M.	H. M.	
1	M	Circumcision	s23	2 48	3 39-37	13		4 30	7 37	1
2	T	Capture of Calcutta, 1757	22	57 32	4 7-45	14	0 11 a.m.	4 31	7 37	2
3	W	Rachel died, 1858	22	52 17	4 35-19	15	1 8	4 32	7 37	3
4	Th		22	46 8	5 2-55	16	2 3	4 33	7 37	4
5	F		22	39 44	5 29-50	17	2 52	4 34	7 36	5
6	Sat	Epiphany. Twelfth Day	22	32 54	5 58-10	18	3 39	4 35	7 36	6
7	S	First Sunday after Epiphany	22	24 37	6 22-28	19	4 23	4 36	7 36	7
8	M		22	17 53	6 48-83	20	5 6	4 37	7 36	8
9	T	Nelson buried, 1806	22	9 44	7 13-69	21	5 49	4 38	7 36	9
10	W	Penny Postage established, 1840	22	1 9	7 38-91	22	6 32	4 40	7 35	10
11	Th	Hilary Term begins	21	52 19	8 3-19	23	7 18	4 41	7 35	11
12	F	Chinese Treaty published, 1861	21	42 52	8 26-59	24	8 2	4 42	7 35	12
13	Sat	First transports Botany Bay, 1788	21	33 0	8 49-92	25	8 50	4 43	7 34	13
14	S	Second Sunday after Epiphany	21	22 41	9 12-54	26	9 39	4 44	7 34	14
15	M	Battle of Corunna, 1809	21	11 58	9 34-04	27	10 30	4 45	7 33	15
16	T		21	0 52	9 55-43	28	11 21	4 46	7 32	16
17	W		20	49 21	10 15-56	0	0 13 p.m.	4 47	7 32	17
18	Th	Earthquake at Sydney, 1800	20	37 27	10 34-98	1	1 6	4 48	7 31	18
19	F	James Watt born, 1736	20	25 9	10 54-11	2	1 58	4 49	7 31	19
20	Sat	John Howard died, 1790	20	12 27	11 12-02	3	2 49	4 50	7 30	20
21	S	Third Sunday after Epiphany	19	59 24	11 30-17	4	3 35	4 52	7 30	21
22	M	[Earthquake, 1855	19	45 57	11 47-95	5	4 31	4 53	7 29	22
23	T	Wellington Province Anniversary.	19	32 10	12 3-50	6	5 23	4 54	7 28	23
24	W	Duke of Kent died, 1820	19	18 0	12 18-82	7	6 17	4 55	7 27	24
25	Th	Princess Royal married, 1858	19	3 39	12 32-78	8	7 11	4 57	7 26	25
26	F	New South Wales founded, 1788	18	48 37	12 45-87	9	8 8	4 58	7 25	26
27	Sat	Gov. Hobson arrived in N.Z., 1840	18	35 25	12 58-15	10	9 5	4 59	7 24	27
28	S	Septuagesima Sunday.	18	17 53	13 10-49	11	10 2	5 1	7 23	28
29	M	Auckland Anniversary	18	2 0	13 21-18	12	10 57	5 2	7 22	29
30	T	King Charles I. beheaded	17	45 50	13 30-77	13	11 50	5 3	7 21	30
31	W	Hilary Term ends	17	29 19	13 40-98	14		5 5	7 20	31

PHENOMENA FOR THE MONTH.

JANUARY.—3rd, 10h. 46m. a.m., Mercury stationary; 5th, 8h. 20m. p.m., Venus in descending node; 11th, 7h. 4m. a.m., Saturn in conjunction with the Moon; 14th, 8h. 24m. a.m., Mercury's greatest elongation; 14th, 3h. 30m. p.m., Venus in conjunction with Jupiter; 15th, 8h. 47m. a.m., Mercury in conjunction with the Moon; 15th, 7h. 29m. p.m., Mars in conjunction with the Moon; 16th, 10h. 5m. a.m., Jupiter in conjunction with the Moon; 16th, 1h. 57m. p.m., Venus in conjunction with the Moon; 24th, 3h. 10m. a.m., Mercury in descending node; 26th, 1h. 41m. a.m., Mercury in conjunction with Mars; 27th, 6h. 56m. p.m., Mercury in conjunction with Jupiter; 28th, 9h. 27m. a.m., Uranus in conjunction with the Moon; 29th, 7h. 36m. p.m., Mars in conjunction with Jupiter.

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 lands.

FEBRUARY—XXVIII DAYS.

PHASES OF THE MOON.

Last Quarter D. H. M. 8 7 10 a.m.
 New Moon 15 9 43 p.m.
 Apogee, 7d. 7h. a.m.
 First Quarter D. H. M. 22 4 18 p.m.
 Perigee, 19d. 3h. a.m.

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME. ADD TO APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. Mean Time.	MEAN TIME CORRECTED.		DAYS.
						Sun Rises.	Sun Sets.	
1 Th	Jury Lists Rev. Meeting	17 13 13	M. 8. D. H.M. 13 48-93	15	0 33 a.m.	5 4	7 19	1
2 F	Pur. B.V.M. Candlemas Day	16 55 8	13 57-09	16	1 30	5 7	7 18	2
3 Sat		16 38 44	14 4-43	17	2 16	5 9	7 17	3
4 S	Sexagesima Sunday	16 21 3	14 9-96	18	3 10	5 11	7 16	4
5 M	Treaty of Waitangi, 1840	16 3 5	14 14-67	19	3 45	5 12	7 15	5
6 T	Victoria Cross founded, 1856	15 44 50	14 19-59	20	4 27	5 13	7 14	6
7 W	All England Eleven arr. in Ch.ch. 1864	15 26 19	14 22-70	21	5 11	5 14	7 12	7
8 Th	Peter the Great died, 1725	15 7 32	14 26-06	22	5 55	5 17	7 11	8
9 F		14 48 30	14 28-02	23	6 41	5 18	7 10	9
10 Sat	Queen Victoria married, 1840	14 28 13	14 30-00	24	7 29	5 19	7 8	10
11 S	Quinquagesima. Shrove Sunday	14 9 41	14 30-67	25	8 20	5 20	7 7	11
12 M	Gold discovered in N. S. W., 1851	13 49 55	14 30-08	26	9 10	5 21	7 6	12
13 T	Shrove Tuesday. [Cook killed, 1799	13 29 56	14 28-61	27	10 4	5 23	7 4	13
14 W	Ash Wednesday. Valentine's Day	13 9 44	14 25-41	28	10 56	5 24	7 3	14
15 Th	National debt, Gt. Britain com., 1690	12 49 21	14 22-18	29	11 40	5 26	7 1	15
16 F	Colony of Tasmania established 1804	12 28 41	14 18-82	0	0 37 p.m.	5 27	7 0	16
17 Sat	Michael Angelo died, 1564 [Lent	12 7 51	14 14-64	1	1 34	5 29	6 58	17
18 S	Quadragesima. First Sunday in	11 46 50	14 8-75	2	2 27	5 30	6 57	18
19 M	Hobart founded, 1804	11 25 38	14 2-55	3	3 20	5 32	6 56	19
20 T	Survey obstructed at Taranaki, 1860	11 4 15	13 56-27	4	4 15	5 33	6 54	20
21 W	Alumbagh def. by Outram, 1857	10 42 42	13 49-01	5	5 10	5 34	6 52	21
22 Th	Martial Law procl. at Taranaki, 1860	10 20 58	13 40-68	6	6 6	5 35	6 51	22
23 F		9 59 6	13 32-42	7	7 2	5 36	6 49	23
24 Sat	Louis Philippe abd. 1848. St. Matthew	9 37 5	13 23-23	8	7 57	5 37	6 48	24
25 S	Second Sunday in Lent	9 14 55	13 13-71	9	8 51	5 39	6 46	25
26 M	Bonaparte escaped from Elba, 1815	8 52 37	13 3-41	10	9 45	5 40	6 44	26
27 T	British Bank trials, 1858	8 30 10	12 52-73	11	10 36	5 41	6 42	27
28 W	First Supreme Court opened, Auck- land, 1840	8 7 37	12 40-70	12	11 23	5 43	6 40	28

PHENOMENA FOR THE MONTH.

FEBRUARY.—1st, 0h. 56m. p.m., Saturn in quadrature with the Sun; 3rd, 7h. 3m. a.m., Mercury in Aphelion; 7th, 5h. 36m. p.m., Saturn in conjunction with the Moon; 9th, 4h. 13m. a.m., Venus in Aphelion; 13th, 7h. 7m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 14 min. south; 13th, 10h. 52m. p.m., Mars in conjunction with the Moon, Mars 5 deg. 58 min. south; 15th, 4h. 30min. a.m., Mercury in conjunction with the Moon, Mercury 6 deg. 35 min. south; 15th, 8h. 12m. p.m., Venus in conjunction with the Moon, Venus 5 deg. 22 min. south; 15th, 8h. Saturn stationary; 23rd, 4h. 53m. p.m., Venus at greatest heliocentric latitude south; 21st, 1h. 34m. a.m., p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 20 min. north; 26th, 0h. 48m. p.m., Venus in superior conjunction with the Sun.

FARMING OPERATIONS.

Have everything in good order, ready for the work of harvest. Carts, harness, forks, materials 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.

Full Moon D. H. M. 1 11 23 p.m.
 Last Quarter 10 3 23 a.m.
 New Moon 17 9 7 a.m.
 Apogee, 7d. 7h. a.m.
 First Quarter D. H. M. 24 0 33 a.m.
 Full Moon 31 4 2 p.m.
 Perigee, 19d. 3h. a.m.

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME. ADD TO APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. Mean Time.	MEAN TIME CORRECTED.		DAYS.
						Sun Rises.	Sun Sets.	
1 Th	St. David's Day	7 44 9	M. 8. D. H.M. 12 39-25	13	—	5 44	6 38	1
2 F	Wesley died, 1791	7 21 58	12 27-80	14	0 7 a.m.	5 45	6 37	2
3 Sat		6 59 4	12 16-65	15	0 54	5 47	6 36	3
4 S	Third Sunday in Lent	6 36 5	12 3-43	16	1 38	5 48	6 34	4
5 M		6 13 0	11 50-20	17	2 22	5 49	6 32	5
6 T	Taranaki War began, 1860	5 49 50	11 35-98	18	3 6	5 51	6 31	6
7 W		5 26 36	11 21-88	19	3 50	5 53	6 29	7
8 Th	Lucknow besieged by Campbell, 1858	5 3 16	11 7-39	20	4 36	5 54	6 27	8
9 F	Siege of Lucknow, 1858	4 39 53	10 52-03	21	5 23	5 55	6 25	9
10 Sat	Kororarika destroyed, 1845	4 16 26	10 36-81	22	6 10	5 56	6 24	10
11 S	Fourth Sunday in Lent	3 52 55	10 20-75	23	6 59	5 57	6 22	11
12 M	Anglo-Franco-Turkish Treaty, 1854	3 29 21	10 4-87	24	7 50	5 58	6 20	12
13 T		3 5 47	9 48-70	25	8 41	5 59	6 18	13
14 W		2 42 9	9 31-75	26	9 33	6 0	6 17	14
15 Th		2 18 30	9 15-03	27	10 26	6 1	6 16	15
16 F	Prince Imperial born, 1856	1 54 49	8 58-07	28	11 20	6 2	6 14	16
17 Sat	St. Patrick's Day	1 30 8	8 40-88	0	0 14 p.m.	6 3	6 12	17
18 S	Fifth Sunday in Lent. Princess Louisa	1 7 26	8 23-08	1	1 9	6 4	6 10	18
19 M	[born, 1848	0 43 43	8 5-49	2	2 3	6 5	6 9	19
20 T		s0-20 1	7 47-71	3	3 0	6 6	6 8	20
21 W	Cranmer burnt, 1556	n0 3 41	7 29-77	4	3 58	6 7	6 7	21
22 Th	Anniversary of Otago	0 27 12	7 11-70	5	4 55	6 8	6 6	22
23 F		0 51 2	6 53-50	6	5 52	6 9	6 5	23
24 Sat	Queen Elizabeth died, 1603	1 14 39	6 35-18	7	6 47	6 10	6 4	24
25 S	Palm Sunday. Annunciation, Lady	1 38 16	6 16-78	8	7 41	6 11	6 2	25
26 M	[Day	2 1 48	5 57-81	9	8 32	6 12	6 0	26
27 T	Russian War commenced, 1854	2 25 19	5 39-29	10	9 19	6 13	5 58	27
28 W	Battle of Waireka, 1860	2 48 47	5 20-73	11	10 6	6 14	5 57	28
29 Th	La Trobe appointed Lieut.-Governor	3 12 11	5 2-17	12	10 51	6 15	5 56	29
30 F	Good Friday [Victoria, 1861	3 35 34	4 43-64	13	11 35	6 16	5 54	30
31 Sat	Taranaki and Southland Anniversary	3 58 46	4 25-16	14	—	6 17	5 52	31

PHENOMENA FOR THE MONTH.

MARCH.—1st, 8h. 24m. p.m., Mercury in superior conjunction with the Sun; 2nd, 11h. 7m. p.m., Mercury in conjunction with Venus; 3rd, 4h. 57m. p.m., Venus at greatest heliocentric latitude south; 7th, 1h. 20m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 5 min. south; 8th, 9h. 57m. p.m., Uranus stationary; 13th, 3h. 26m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 20 min. south; 14th, 4h. 47m. p.m., Mercury in ascending node; 15th, 1h. 18m. a.m., Mars in conjunction with the Moon, Mars 5 deg. 25 min. south; 17th, 7h. 8m. p.m., Venus in conjunction with the Moon, Venus 2 deg. 25 min. south; 18th, 10h. 51m. p.m., Mercury in conjunction with the Moon, Mercury 0 deg. 50 min. north; 19th, 6h. 40m. a.m., Mercury in Perihelion; 21st, 6h. 27m. a.m., Uranus in quadrature with the Sun; 21st, 7h. 26m. a.m., Sun enters Aries; 23rd, 7h. 52m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 26 min. north; 27th, 3h. 4m. a.m., Mercury at greatest elongation, Mercury 18 deg. 41 min. east; 29th, 2h. 33m. p.m., Mercury at greatest heliocentric latitude 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 pois, fescues, &c., &c.

APRIL—XXX DAYS.

PHASES OF THE MOON.

D. H. M.		D. H. M.	
Last Quarter	8 8 12 p.m.	First Quarter	22 10 2 a.m.
New Moon	15 6 34 p.m.	Full Moon	30 8 54 a.m.
Apogee, 3h. 4m. p.m.		Perigee, 16d. 9h. a.m.	
		Apogee, 30d. 9h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME, ADD TO	SUBT. FROM APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.	MEAN TIME CORRECTED.		DAYS.
							Sun Rises.	Sun Sets.	
1	S Easter Sunday	0 1 11	M. S.	D.	H. M.	H. M.	H. M.		
2	M Battle of the Baltic, 1801	N 4 21 51	4 6 74	15	0 18 a.m.	6 18	5 50		1
3	T Quart. Pub. Lic. Meeting	4 45 6	3 48-91	16	1 2	6 19	5 48		2
4	W Oliver Goldsmith died, 1774	5 8 8	3 30-69	17	1 46	6 20	5 46		3
5	Th British Museum instituted, 1753	5 30 41	3 12-61	18	2 31	6 21	5 44		4
6	F Storming of Badajos, 1812	5 53 56	2 54-69	19	3 18	6 22	5 42		5
7	Sat Prince Leopold born, 1853	6 16 41	2 36-96	20	4 4	6 23	5 40		6
8	S First Sunday afr. Easter. Low Sun.	6 39 20	2 19-41	21	4 52	6 24	5 39		7
9	M	7 1 46	2 2-53	22	5 41	6 26	5 37		8
10	T	7 24 17	1 45-45	23	6 31	6 27	5 35		9
11	W Peace of Utrecht, 1713	7 46 34	1 29-07	24	7 21	6 28	5 33		10
12	Th	8 8 43	1 12-06	25	8 12	6 29	5 31		11
13	F Sir G. C. Lewis died, 1863	8 30 45	0 56-24	26	9 4	6 31	5 29		12
14	Sat Princess Beatrice born, 1857	8 52 39	0 40-77	27	9 57	6 32	5 28		13
15	S Second Sunday after Easter	9 14 23	0 25-12	28	10 50	6 33	5 27		14
16	M First encampment of Volunteers in [Canterbury, 1865]	9 35 58	+ 9 81	29	11 46	6 34	5 26		15
17	T	9 57 24	- 5 12	0	0 42 p.m.	6 35	5 24		16
18	W Peace with Russia proclaimed, 1856	10 18 40	0 19-30	1	1 43	6 36	5 22		17
19	Th N. Z. Gazette, pub. Wellington, 1840	10 39 46	0 33-55	2	2 43	6 38	5 21		18
20	F Louis Napoleon born, 1803	11 0 41	0 47-43	3	3 42	6 39	5 19		19
21	Sat	11 21 24	1 0-48	4	4 41	6 40	5 17		20
22	S Third Sunday after Easter [Day	11 42 58	1 13-59	5	5 36	6 41	5 15		21
23	M Shakespeare born, 1616. St. George's [born, 1843]	12 2 19	1 25-84	6	6 28	6 43	5 14		22
24	T	12 22 28	1 38-13	7	7 18	6 44	5 12		23
25	W St. Mark, Evangelist. Princess Alice Oliver Cromwell born, 1659 [1856]	12 42 20	1 49-49	8	8 5	6 45	5 11		24
26	Th	13 2 10	2 0-00	9	8 50	6 46	5 10		25
27	F Great Fire at Wellington (Te Aro), Cook landed at Botany Bay, 1770	13 41 1	2 11-86	10	9 33	6 47	5 8		26
28	Sat Fourth Sunday after Easter	13 41 1	2 21-86	11	10 16	6 48	5 7		27
29	S	14 0 6	2 31-86	12	11 0	6 50	5 5		28
30	M Battle of Fontenoy, 1745	14 18 58	2 40-87	13	11 44	6 51	5 4		29
		14 37 35	2 49-88	14		6 52	5 2		30

PHENOMENA FOR THE MONTH.

April—3rd, 5h. 59m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 4 min. north; 4th, 1h. 40m. p.m., Mercury stationary; 7th, 6h. 36m. a.m., Mercury in conjunction with Venus, Venus 4 deg. 17 min. north; 9th, 7h. 47m. p.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 21 min. south; 13th, 1h. 33m. a.m., Mars in conjunction with the Moon, Mars 3 deg. 59 min. south; 14th, 5h. 34 min. p.m., Mercury in inferior conjunction with the Sun; 15th, 2h. 13m. p.m., Mercury in conjunction with the Moon, Mercury 2 deg. 57 min. north; 16th, 11h. 31m. a.m., Mars in greatest heliocentric latitude south; 16th, 2h. 25m. p.m., Venus in conjunction with the Moon, Venus 1 deg. 54 min. north; 20th, 4h. 17m. a.m., Uranus in conjunction with the Moon, Uranus 5 deg. 26 min. north; 21st, 6h. 20m. p.m., Jupiter in quadrature with the Sun; 22nd, 2h. 6m. a.m., Mercury in descending node; 27th, 2h. 10m. a.m., Mercury stationary; 28th, 11h. 54m. p.m., Venus in ascending node; 30th, 2h. 1m. a.m., Saturn in opposition to the Sun; 30th, 8h. 29m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 16 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 the farmer no remunerating crops.

MAY—XXXI DAYS.

PHASES OF THE MOON.

D. H. M.		D. H. M.	
Last Quarter	8 9 12 a.m.	First Quarter	21 9 28 p.m.
New Moon	15 2 29 a.m.	Full Moon	30 0 48 p.m.
Perigee, 14d. 8h. p.m.		Apogee, 28d. 0h. a.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME, ADD TO	SUBT. FROM APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.	MEAN TIME CORRECTED.		DAYS.
							Sun Rises.	Sun Sets.	
1	T Ann. Pub. Lic. Meeting	N 14 55 8	2 57-85	15	0 29 a.m.	6 53	5 1		1
2	W French-Austrian War began, 1859	15 14 6	3 5-78	16	1 14	6 54	4 59		2
3	Th Garibaldi landed at Southampton, [1864]	15 31 58	3 12-73	17	2 1	6 55	4 58		3
4	F	15 49 35	3 19-58	18	2 49	6 57	4 57		4
5	Sat	16 6 59	3 25-41	19	3 37	6 58	4 56		5
6	S Rogation Sunday	16 24 4	3 30-62	20	4 25	6 59	4 55		6
7	M	16 40 49	3 35-75	21	5 15	7 0	4 54		7
8	T First Savings Bk. op. in Eng., 1815	16 57 27	3 39-79	22	6 4	7 1	4 52		8
9	W	17 13 43	3 43-76	23	6 54	7 2	4 50		9
10	Th Ascension Day—Holy Thursday	17 29 43	3 46-69	24	7 44	7 3	4 49		10
11	F Rangoon taken by British, 1824	17 45 25	3 49-02	25	8 35	7 4	4 48		11
12	Sat	18 0 49	3 51-21	26	9 29	7 5	4 46		12
13	S Sunday after Ascension Day	18 15 54	3 52-29	27	10 24	7 6	4 45		13
14	M	18 30 43	3 53-30	28	11 23	7 7	4 44		14
15	T	18 45 12	3 53-07	0	0 24 p.m.	7 8	4 43		15
16	W	18 59 22	3 52-57	1	1 25	7 10	4 42		16
17	Th	19 13 13	3 51-59	2	2 26	7 11	4 41		17
18	F Fall of Duppell, 1864 [Hope, 1849	19 26 44	3 50-07	3	3 24	7 12	4 40		18
19	Sat Convicts prevented landing C. Good	19 39 56	3 48-13	4	4 20	7 13	4 39		19
20	S Pentecost, Whit-Sunday	19 52 48	3 45-43	5	5 12	7 14	4 38		20
21	M	20 5 19	3 42-54	6	6 1	7 15	4 37		21
22	T	20 17 30	3 38-68	7	6 47	7 16	4 36		22
23	W Battle of Ramilies, 1706	20 29 20	3 34-75	8	7 32	7 17	4 35		23
24	Th Birth of Queen Victoria, 1819	20 40 48	3 29-81	9	8 15	7 18	4 34		24
25	F Princess Helena born, 1846	20 51 56	3 24-52	10	8 58	7 19	4 33		25
26	Sat	21 2 42	3 18-93	11	9 42	7 20	4 32		26
27	S Trinity Sunday	21 13 6	3 13-01	12	10 26	7 21	4 31		27
28	M Garibaldi sld. from Falmouth, 1864	21 23 8	3 6-17	13	11 12	7 22	4 30		28
29	T Unsuccessful assault Gate Pah, 1864	21 32 48	2 59-20	14		7 23	4 30		29
30	W	21 42 6	2 51-52	15	0 2 a.m.	7 24	4 29		30
31	Th Corpus Christi	21 51 1	2 43-74	16	0 46	7 25	4 29		31

PHENOMENA FOR THE MONTH.

MAY—2nd, 6h. 19m. a.m., Mercury in Aphelion; 7th, 7h. 18m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 15 min. south; 10th, 5h. 7m. a.m., Mars in Perihelion; 11th, 11h. 11m. p.m., Mars in conjunction with the Moon, Mars 2 deg. 53 min. south; 12th, 0h. 41m. p.m., Mercury at greatest elongation, Mercury 25 deg. 35 min. west; 13th, 8h. a.m., Mercury in conjunction with the Moon, Mercury 2 deg. south; 16th, 11h. 15m. a.m., Venus in conjunction with the Moon, Venus 6 deg. 23 min. north; 17th, 3h. 44m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 21 min. north; 21st, 7h. 50m. a.m., Jupiter stationary; 22nd, 4h. 9m. p.m., Mercury at greatest heliocentric latitude south; 27th, 10h. 42m. a.m., Saturn in conjunction with the Moon; Saturn 0 deg. 21 min. north; 30th, 11h. 54m. p.m., Venus in conjunction with Uranus, Uranus 1 deg. 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.

	D. H. M.		D. H. M.
Last Quarter	6 7 1 p.m.	First Quarter	20 11 15 a.m.
New Moon	13 9 37 a.m.	Full Moon	28 3 6 p.m.
	Perigee, 12d. 4h. a.m.	Apogee, 24d. 11h. a.m.	

DAYS.	REMARKABLE DATES.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME SUBST. FROM		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
			ADD TO APPARENT TIME.	M. S.		D.	H. M.	H. M.	H. M.		Sun Rises.	Sun Sets.
1	F Lord Howe's Victory, 1794	N21 59 37	2 35-01	17	1 34 a.m.	7 25	4 29			1
2	Sat Gordon Riots, 1780	22 7 43	2 26-37	18	2 23	7 26	4 28			2
3	S First Sunday after Trinity	22 15 29	2 17-32	19	3 12	7 26	4 28			3
4	M Battle of Magenta, 1859	22 22 53	2 7-36	20	4 1	7 27	4 27			4
5	T Anson died, 1762	22 29 51	1 57-52	21	4 49	7 27	4 27			5
6	W Great Fire in Christchurch, 1864	22 36 28	1 47-31	22	5 38	7 28	4 27			6
7	Th Pitcairn Islanders landed at Norfolk Island, 1856	22 42 41	1 36-25	23	6 28	7 28	4 27			7
8	F Second Sunday after Trinity	22 48 29	1 25-36	24	7 18	7 29	4 26			8
9	Sat P. Metternich died, 1859	22 53 54	1 14-16	25	8 11	7 30	4 26			9
10	S Third Sunday after Trinity	22 58 55	1 2-16	26	9 6	7 31	4 26			10
11	M Battle of Naseby, 1645	23 3 31	0 50-39	27	10 5	7 32	4 26			11
12	T Magna Charter signed, 1215	23 7 43	0 38-37	28	11 4	7 33	4 26			12
13	W [of Bunker's Hill, 1775]	23 11 30	0 26-12	0	0 6 p.m.	7 33	4 25			13
14	Th Battle of Waterloo, 1815	23 14 54	0 13-69	1	1 7	7 34	4 25			14
15	F Third Sunday after Trinity	23 17 52	— 1-00	2	2 5	7 34	4 25			15
16	Sat Battle of Waterloo, 1815	23 20 25	+ 11-64	3	3 1	7 34	4 24			16
17	S Seventh Sunday after Trinity	23 22 35	0 24-93	4	3 53	7 35	4 24			17
18	M [Switthyn's Day]	23 24 19	0 37-85	5	4 42	7 35	4 24			18
19	T Cawnpore taken by Havelock, 1857	23 25 29	0 50-81	6	5 28	7 35	4 25			19
20	W Princess Augusta born, 1822	23 26 34	1 3-89	7	6 13	7 36	4 26			20
21	Th Victoria proclaimed Queen	23 27 5	1 16-78	8	6 56	7 36	4 26			21
22	F Shortest day. London fire, 1861	23 27 2	1 29-76	9	7 39	7 36	4 26			22
23	Sat Tasmania settled, 1803	23 26 17	1 42-71	10	8 23	7 37	4 27			23
24	S 4th Sunday after Trinity	23 25 9	1 55-59	11	9 8	7 37	4 27			24
25	M Corn laws repealed, 1846	23 24 56	2 8-39	12	9 54	7 37	4 27			25
26	T Queen Victoria Crowned	23 23 23	2 21-08	13	10 42	7 37	4 27			26
27	W Lord Raglan died, 1855	23 21 25	2 33-25	14	11 30	7 37	4 27			27
28	Th	23 19 2	2 45-67	15	—	7 37	4 28			28
29	F	23 16 16	2 57-93	16	0 20 a.m.	7 37	4 28			29
30	Sat	23 13 2	3 9-97	17	1 9	7 37	4 29			30

PHENOMENA FOR THE MONTH.

JUNE.—1st, 11h. 31m. a.m., Venus in Perihelion; 3rd, 1h. 5m. p.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 10 min. south; 9th, 6h. 24m. p.m., Mars in conjunction with the Moon, Mars 0 deg. 24 min. north; 10th, 4h. 7m. p.m., Mercury in ascending node; 13th, 0h. 52m. a.m., Mercury in conjunction with the Moon; Mercury 5 deg. 5 min. north; 14th, 4h. 47m. a.m., Uranus in conjunction with the Moon, Uranus 5 deg. 16 min. north; 15th, 5h. 57m. a.m., Mercury in Perihelion; 15th, 11h. 39m. a.m., Venus in conjunction with the Moon, Venus 6 deg. 37 min. north; 16th, 6h. 40m. p.m., Mercury in superior conjunction with the Sun; 20th, 9h. 1m. p.m., Mercury in conjunction with Uranus, Mercury 1 deg. 15 min. north; 22nd, 4h. 4m. a.m., Sun enters Cancer; 23th, 11h. 46m. a.m., Venus at greatest heliocentric latitude north; 23rd, 2h. 35m. p.m., Saturn in conjunction with the Moon, Saturn 0 deg. 11 min. north; 25th, 1h. 37m. p.m., Mercury at greatest heliocentric latitude, north; 26th, 0h. 39m., Uranus in conjunction with the Sun; 30th, 2h. 34m. p.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 9 min. south.

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 4 ozs. to the gallon, enough to cover the seed in steep. Cut small drains to let the water off uneven pasture lands. Attend to all the fencing, and as opportunity suits, put every part in good order. Threshing and the delivery of the grain will be attended to as the state of the market dictates.

JULY—XXXI DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
Last Quarter	6 1 3 a.m.	First Quarter	20 3 14 a.m.
New Moon	12 5 6 p.m.	Full Moon	28 3 43 a.m.
	Perigee, 10d. 6h. a.m.	Apogee, 22d. 4h. a.m.	

DAYS.	REMARKABLE DATES.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME.		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
			ADD TO APPARENT TIME.	M. S.		D.	H. M.	H. M.	H. M.		Sun Rises.	Sun Sets.
1	S Fifth Sunday after Trinity	N23 9 50	3 21-75	18	1 58 a.m.	7 37	4 29			1
2	M Peel died, 1850	23 5 36	3 33-40	19	2 47	7 37	4 29			2
3	T Quart. Pub. Lic. Meeting	23 0 59	3 44-41	20	3 36	7 36	4 30			3
4	W American, independence procl. 1776	22 57 18	3 55-52	21	4 25	7 36	4 31			4
5	Th Sovereigns first issued, 1542	22 52 52	4 5-93	22	5 15	7 36	4 32			5
6	F Sir Thos. Moore beheaded, 1535	22 46 3	4 16-63	23	6 5	7 36	4 33			6
7	Sat Tuapeka Gold Fields discovered, 1861	22 39 49	4 26-76	24	6 57	7 35	4 33			7
8	S Sixth Sunday after Trinity	22 32 28	4 36-71	25	7 53	7 35	4 34			8
9	M Columbus born, 1442. [Crimea evac.]	22 25 57	4 45-91	26	8 50	7 35	4 35			9
10	T	22 18 19	4 55-10	27	9 49	7 34	4 35			10
11	W	22 11 18	5 3-48	28	10 50	7 34	4 36			11
12	Th Battle of Aughrim, 1691	22 3 19	5 11-87	29	11 49	7 33	4 36			12
13	F Wm. Penn died, 1718	21 54 52	5 19-62	0	0 46 p.m.	7 32	4 37			13
14	Sat Australia discovered, 1606	21 46 13	5 26-94	1	1 40	7 31	4 38			14
15	S Seventh Sunday after Trinity	21 37 26	5 33-99	2	2 32	7 30	4 39			15
16	M [Switthyn's Day]	21 27 58	5 40-10	3	3 20	7 30	4 40			16
17	T Cawnpore taken by Havelock, 1857	21 17 56	5 45-98	4	4 6	7 29	4 41			17
18	W	21 7 42	5 51-13	5	4 51	7 28	4 42			18
19	Th Princess Augusta born, 1822	20 56 59	5 56-11	6	5 35	7 28	4 43			19
20	F	20 46 4	6 0-02	7	6 20	7 27	4 44			20
21	Sat Battle of Bull's Run, 1861	20 34 59	6 3-72	8	7 3	7 27	4 45			21
22	S Eighth Sunday after Trinity	20 23 14	6 6-76	9	7 49	7 26	4 46			22
23	M	20 11 26	6 8-96	10	8 36	7 26	4 47			23
24	T Gibraltar taken by British, 1704	19 59 4	6 11-08	11	9 24	7 25	4 48			24
25	W St. James. Coleridge died, 1834	19 46 41	6 12-13	12	10 13	7 24	4 49			25
26	Th First Newspaper issued in Eng. 1588	19 33 35	6 12-66	13	11 3	7 23	4 50			26
27	F French Revolution commenced, 1830	19 20 21	6 12-17	14	11 54	7 22	4 51			27
28	Sat	19 5 59	6 12-14	15	—	7 21	4 52			28
29	S Ninth Sunday after Trinity	18 52 14	6 11-05	16	0 44 a.m.	7 20	4 53			29
30	M	18 38 43	6 9-35	17	1 33	7 19	4 54			30
31	T Cook sailed first voyage, 1768	18 24 10	6 7-31	18	2 23	7 18	4 55			31

PHENOMENA FOR THE MONTH.

JULY.—4th, 3h. 19m. p.m., Sun in Apogee; 8th, 11h. 33m. a.m., Mars in conjunction with the Moon, Mars 2 deg. 27 min. north; 10th, 11h. 31m. p.m., Saturn stationary; 11th, 5h. 31m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 17 min. north; 14th, 4h. 55m. p.m., Mercury in conjunction with the Moon, Mercury 4 deg. 39 min. north; 15th, 0h. 44m. p.m., Venus in conjunction with the Moon, Venus 4 deg. 54 min. north; 19th, 1h. 20m. a.m., Mercury in descending node; 20th, 8h. 1m. p.m., Jupiter in opposition to the Sun; 20th, 9h. 25m. p.m., Saturn in conjunction with the Moon, Saturn 0 deg. 10 min. south; 24th, 5h. 37m. p.m., Mercury at greatest elongation, 27 deg. 4 min. east; 27th, 2h. 57m. p.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 18 min. south; 29th, 5h. 36m. a.m., Mercury in Aphelion; 29th, 8h. 33m. p.m., Saturn in quadrature with the Sun.

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 to 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.

		D. H. M.			D. H. M.
Last Quarter		4 6 47 a.m.	First Quarter		18 8 47 a.m.
New Moon		11 2 7 a.m.	Full Moon		26 3 4 p.m.
		Perigee, 6d. 10h. a.m.	Apogee, 18d. 10h. p.m.	Perigee, 31d. 11h. a.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME. ADD TO APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
					Mean Time	Sun Rises.	Sun Sets.	H. M.	
1	W Lammas Day. Slavery in colonies	18 9 23	6 4 16	19	3 13 a.m.	7 16	4 56	1	
2	Th [abolished, 1834	17 54 8	6 0 51	20	4 3	7 15	4 57	2	
3	F Maj.-Gen. Pratt arrived at Taranaki.	17 38 35	5 56 70	21	4 54	7 14	4 58	3	
4	Sat [1860	17 22 45	5 51 81	22	5 48	7 13	4 59	4	
5	S 10th Sunday after Trinity	17 7 37	5 46 43	23	6 43	7 12	5 0	5	
6	M	16 50 57	5 40 79	24	7 40	7 11	5 1	6	
7	T	16 34 22	5 34 21	25	8 38	7 9	5 2	7	
8	W Canning died, 1827	16 17 38	5 27 50	26	9 36	7 7	5 3	8	
9	Th Bombardment of Sweaborg, 1855	16 0 27	5 19 79	27	10 33	7 6	5 4	9	
10	F Greenwich Observatory founded, 1675	15 43 14	5 11 94	28	11 28	7 4	5 5	10	
11	Sat	15 25 42	5 3 02	0	0 21 p.m.	7 3	5 6	11	
12	S 11th Sunday after Trinity	15 7 40	4 53 53	1	1 11	7 2	5 8	12	
13	M Battle of Blenheim, 1704	14 49 45	4 43 98	2	1 58	7 1	5 9	13	
14	T Lord Clyde died, 1863. First book	14 31 25	4 33 88	3	2 44	7 0	5 10	14	
15	W [printed by Faust, 1457	14 12 57	4 22 84	4	3 28	6 58	5 11	15	
16	Th Bomarsund taken, 1854	13 54 15	4 10 90	5	4 13	6 56	5 12	16	
17	F	13 35 11	3 59 11	6	4 58	6 55	5 13	17	
18	Sat	13 16 2	3 46 35	7	5 43	6 54	5 15	18	
19	S 12th Sunday after Trinity	12 56 34	3 33 50	8	6 29	6 52	5 16	19	
20	M	12 36 59	3 19 70	9	7 17	6 50	5 18	20	
21	T Pyrenees Railway opened, 1862	12 17 14	3 5 84	10	8 5	6 48	5 19	21	
22	W Battle of Bosworth Field, 1485	11 56 59	2 50 98	11	8 55	6 46	5 20	22	
23	Th	11 36 30	2 36 16	12	9 45	6 45	5 21	23	
24	F St. Bartholomew	11 16 42	2 20 53	13	10 35	6 44	5 22	24	
25	Sat	10 56 12	2 4 65	14	11 25	6 43	5 23	25	
26	S 13th Sunday after Trinity. Prince	10 35 23	1 48 33	15	—	6 41	5 24	26	
27	M [Albert born, 1819	10 14 33	1 31 46	16	0 16 a.m.	6 39	5 25	27	
28	T Victoria (Ch.Ch.) Bridge opnd., 1864	9 53 32	1 14 49	17	1 7	6 37	5 26	28	
29	W Battle of Aspromonte, 1862	9 32 18	0 56 80	18	1 58	6 35	5 27	29	
30	Th	9 10 52	0 39 01	19	2 50	6 33	5 28	30	
31	F Slaught. Ho. Lic. Meeting	8 49 27	0 20 98	20	3 44	6 32	5 29	31	

PHENOMENA FOR THE MONTH.

AUGUST—6th, 2h. 47m. a.m., Mars in conjunction with the Moon, Mars 4 deg. 1 min. north; 6th, 11h. 19m. p.m., Mercury stationary; 8th, 4h. 22m. a.m., Uranus in conjunction with the Moon, Uranus 5 deg. 24 min. north; 12th, 6h. 52m. a.m., Mercury in conjunction with the Moon, Mercury 2 deg. 5 min. south; 14th, 9h. 50m. p.m., Venus in conjunction with the Moon, Venus 0 deg. 24 min. north; 17th, 7h. 19m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 6 min. south; 18th, 0h. 57 min. p.m., Venus in descending node; 18th, 3h. 26m. p.m., Mercury in greatest heliocentric latitude, south; 21st, 3h. 9m. p.m., Mercury in inferior conjunction with the Sun; 23rd, 5h. 38m. p.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 30 min. south; 30th, 1h. 40m. p.m., Mercury stationary.

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.

		D. H. M.			D. H. M.
Last Quarter		2 11 39 a.m.	First Quarter		17 2 59 p.m.
New Moon		9 1 45 p.m.	Full Moon		25 1 36 a.m.
		Apogee, 15d. 5h. p.m.	Perigee, 27d. 1h. p.m.		

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME. ADD TO APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
					Mean Time	Sun Rises.	Sun Sets.	H. M.	
1	Sat	18 28 21	+ 0 2 28	21	4 39 a.m.	6 31	5 30	1	
2	S 14th Sunday after Trinity	8 6 34	- 0 15 97	22	5 35	6 29	5 32	2	
3	M Battle of Worcester, 1651	7 44 40	0 35 36	23	6 32	6 28	5 33	3	
4	T Divorce Act in force, 1861	7 22 37	0 54 92	24	7 29	6 26	5 34	4	
5	W	7 0 7	1 14 30	25	8 26	6 24	5 35	5	
6	Th Gold discovered at Ballarat, 1851	6 38 10	1 34 03	26	9 20	6 22	5 36	6	
7	F Canter. Fleet sld. from Plymouth, 1850	6 15 46	1 53 86	27	10 12	6 20	5 37	7	
8	Sat Malakoff taken, 1855	5 53 18	2 13 89	28	11 2	6 18	5 38	8	
9	S 15th Sunday after Trinity	5 30 42	2 34 22	29	11 50	6 16	5 39	9	
10	M	5 8 1	2 54 97	0	0 37 p.m.	6 14	5 40	10	
11	T	4 45 14	3 15 52	1	1 22	6 13	5 41	11	
12	W Blucher died, 1819	4 22 23	3 36 22	2	2 7	6 11	5 43	12	
13	Th C. J. Fox died, 1806	3 59 28	3 57 01	3	2 52	6 10	5 44	13	
14	F Duke of Wellington died, 1852	3 36 28	4 17 91	4	3 37	6 8	5 45	14	
15	Sat Allies landed in the Crimea, 1854	3 13 24	4 38 92	5	4 23	6 6	5 46	15	
16	S 16th Sunday after Trinity	2 50 16	4 59 98	6	5 9	6 4	5 47	16	
17	M	2 26 6	5 21 09	7	5 57	6 3	5 48	17	
18	T Gold discovered in California, 1847	2 3 52	5 42 25	8	6 45	6 1	5 49	18	
19	W	1 40 37	6 3 41	9	7 34	5 59	5 50	19	
20	Th Battle of Alma, 1854	1 17 20	6 24 57	10	8 24	5 57	5 51	20	
21	F Sir W. Scott died, 1833. St. Matthew	0 53 58	6 45 69	11	9 14	5 55	5 52	21	
22	Sat Lincoln's slavery prelm. issued, 1862	0 30 37	7 6 77	12	10 4	5 54	5 52	22	
23	S 17th Sunday after Trinity	0 7 5	7 27 78	13	10 55	5 53	5 53	23	
24	M	0 16 7	7 48 70	14	11 47	5 52	5 54	24	
25	T Relief of Lucknow, 1857	0 39 31	8 9 49	15	—	5 51	5 54	25	
26	W	1 2 55	8 30 15	16	0 41 a.m.	5 50	5 55	26	
27	Th Busaco, 1810. Nelson born, 1758	1 26 19	8 50 33	17	1 35	5 49	5 56	27	
28	F	1 40 43	9 10 45	18	2 31	5 47	5 57	28	
29	Sat St. Michael. Michaelmas Day.	2 13 7	9 30 50	19	3 29	5 45	5 58	29	
30	S 18th Sunday after Trinity	2 36 29	9 50 22	20	4 27	5 44	5 59	30	

PHENOMENA FOR THE MONTH.

SEPTEMBER—3rd, 3h. 42m. p.m., Mars in conjunction with the Moon, Mars 5 deg. 4 min. north; 4th, 0h. 41m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 31 min. north; 6th, 3h. 17m. p.m., Mercury in ascending node; 7th, 9h. 23m. a.m., Mercury at greatest elongation, Mercury 17 deg. 59 min. west; 8th, 4h. 37m. a.m., Mercury in conjunction with the Moon, Mercury 3 deg. 35 min. north; 10th, 10h. 51m. p.m., Mars in ascending node; 11th, 5h. 13m. a.m., Mercury in Perihelion; 13th, 9h. 46m. a.m., Venus in conjunction with the Moon, Venus 5 deg. 0 min. south; 13th, 7h. 34m. p.m., Saturn in conjunction with the Moon, Saturn 0 deg. 58 min. south; 18th, 11h. 36m. a.m., Venus in conjunction with Saturn, Venus 4 deg. 49 min. south; 19th, 4h. 53m. a.m., Jupiter stationary; 20th, 0h. 31m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 37 min. south; 21st, 1h. 0m. p.m., Mercury at greatest heliocentric latitude north; 21st, 8h. 16m. p.m., Venus in aphelion; 23rd, 6h. 25m. p.m., Sun enters Libra; 25th, 9h. 22m. a.m., Mars in conjunction with Uranus, Mars 0 deg. 1 min. north.

FARMING OPERATIONS.

Grass and clover seeds, when intended for rotation crops, should be sown in the last and present months on the 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.

D. H. M.		D. H. M.	
Last Quarter	1 5 39 p.m.	Full Moon	24 11 43 a.m.
New Moon	9 4 29 a.m.	Last Quarter	31 2 6 a.m.
First Quarter	17 8 54 a.m.		
Apogee, 13d. 11h. a.m.		Perigee, 25d. 4h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.		EQUATION OF TIME.		MOON'S AGE AT NOON.		MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
		°	'	M.	S.	D.	H.M.	Mean Time.	Sun Rises.	Sun Sets.		
1	M	22	59	49	10	9	60	21	5	25	a.m.	1
2	T	3	23	9	10	28	10	22	6	22		2
3	W	3	46	25	10	47	19	23	7	16		3
4	Th	4	9	37	11	5	78	24	8	8		4
5	F	4	32	44	11	23	02	25	8	58		5
6	Sat	4	55	55	11	41	08	26	9	46		6
7	S	5	19	0	11	58	91	27	10	33		7
8	M	5	41	59	12	15	83	28	11	17		8
9	T	6	4	55	12	32	44	0	0	2	p.m.	9
10	W	6	27	45	12	48	57	1	0	48		10
11	Th	6	50	32	13	3	95	2	1	32		11
12	F	7	13	12	13	19	22	3	2	17		12
13	Sat	7	35	47	13	34	21	4	3	3		13
14	S	7	58	14	13	48	08	5	3	50		14
15	M	8	20	35	14	1	40	6	4	38		15
16	T	8	42	48	14	14	05	7	5	26		16
17	W	9	4	56	14	27	41	8	6	14		17
18	Th	9	26	49	14	39	36	9	7	3		18
19	F	9	48	44	14	50	63	10	7	52		19
20	Sat	10	10	30	15	1	57	11	8	42		20
21	S	10	31	59	15	11	09	12	9	32		21
22	M	10	53	23	15	20	74	13	10	25		22
23	T	11	14	36	15	29	89	14	11	19		23
24	W	11	35	39	15	38	22	15	5	3		24
25	Th	11	56	32	15	45	08	16	0	16	a.m.	25
26	F	12	17	19	15	52	59	17	1	15		26
27	Sat	12	37	50	15	58	59	18	2	15		27
28	S	12	53	9	16	3	89	19	3	15		28
29	M	13	18	17	16	8	53	20	4	14		29
30	T	13	38	11	16	12	25	21	5	11		30
31	W	13	57	53	16	15	27	22	6	5		31

PHENOMENA FOR THE MONTH.

OCTOBER—1st, 7h. 12m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 34 min. north; 1st, 9h. 57m. p.m., Venus at greatest elongation, Venus 46 deg. 36 min. east; 2nd, 1h. 15m. a.m., Mars in conjunction with the Moon, Mars 5 deg. 42 min. north; 2nd, 6h. 54m. a.m., Uranus in quadrature with the Sun; 3rd, 11h. 50m. a.m., Mercury in superior conjunction with the Sun; 9th, 6h. 20m. a.m., Mars in quadrature with the Sun; 9th, 1h. 5m. p.m., Mercury in conjunction with the Moon, Mercury 0 deg. 59 min. south; 11th, 8h. 27m. a.m., Saturn in conjunction with the Moon, Saturn 1 deg. 14 min. south; 13th, 5h. 19m. a.m., Venus in conjunction with the Moon, Venus 8 deg. 57 min. south; 14th, 9h. 57m. a.m., Venus at greatest heliocentric latitude, south; 15th, 0h. 36m. a.m., Mercury in descending node; 15th, 1h. 4m. a.m., Uranus stationary; 17th, 11h. 33m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 32 min. south; 17th, 7h. 3m. p.m., Jupiter in quadrature with the Sun; 24th, 9h. 34m. p.m., Mercury in conjunction with Saturn, Mercury 3 deg. 22 min. south; 25th, 4h. 51m. a.m., Mercury in Aphelion; 29th, 1h. 44m. a.m., Uranus in conjunction with the Moon, Uranus 5 deg. 29 min. north; 30th, 5h. 23m. a.m., Mars in conjunction with the Moon, Mars 6 deg. 11 min. north.

FARMING OPERATIONS.

Finish all seedings hitherto spoken of. Shut up fields intended to be mown 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.

NOVEMBER—XXX DAYS.

PHASES OF THE MOON.

D. H. M.		D. H. M.	
New Moon	7 9 55 p.m.	Full Moon	23 9 45 p.m.
First Quarter	16 1 38 a.m.	Last Quarter	29 2 35 p.m.
Apogee, 9d. 11h. p.m.		Perigee, 23d. 3h. a.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.		EQUATION OF TIME.		MOON'S AGE AT NOON.		MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
		°	'	M.	S.	D.	H. M.	Mean Time.	Sun Rises.	Sun Sets.		
1	Th	14	17	21	16	17	10	23	6	56	a.m.	1
2	F	14	36	36	16	18	57	24	7	44		2
3	Sat	14	55	36	16	19	42	25	8	31		3
4	S	15	14	22	16	18	56	26	9	18		4
5	M	15	32	53	16	17	32	27	10	0		5
6	T	15	51	8	16	15	61	28	10	44		6
7	W	16	9	8	16	12	84	29	11	28		7
8	Th	16	28	52	16	9	19	0	0	14	p.m.	8
9	F	16	44	19	16	4	58	1	1	0		9
10	Sat	17	1	29	15	59	29	2	1	46		10
11	S	17	18	21	15	53	26	3	2	33		11
12	M	17	34	56	15	50	01	4	3	21		12
13	T	17	51	12	15	38	38	5	4	9		13
14	W	18	7	10	15	29	45	6	4	56		14
15	Th	18	22	49	15	20	08	7	5	44		15
16	F	18	38	8	15	9	63	8	6	32		16
17	Sat	18	53	8	14	58	42	9	7	20		17
18	S	19	7	43	14	48	63	10	8	10		18
19	M	19	22	5	14	33	58	11	9	2		19
20	T	19	36	2	14	20	18	12	9	57		20
21	W	19	49	38	14	5	72	13	10	54		21
22	Th	20	2	53	13	50	50	14	11	55		22
23	F	20	15	45	13	34	08	15				23
24	Sat	20	28	15	13	17	77	16	0	57	a.m.	24
25	S	20	40	32	13	0	22	17	1	59		25
26	M	20	52	6	12	41	85	18	2	59		26
27	T	21	3	27	12	22	61	19	3	57		27
28	W	21	14	24	12	2	97	20	4	51		28
29	Th	21	24	57	11	42	49	21	5	40		29
30	F	21	35	5	11	21	01	22	6	29		30

PHENOMENA FOR THE MONTH.

NOVEMBER—5th, Venus at greatest brilliancy; 7th, 9h. 28m. p.m., Saturn in conjunction with the Moon, Saturn 1 deg. 27 min. south; 8th, 3h. 19m. a.m., Saturn in conjunction with the Sun; 9th, 4h. 13m. p.m., Mercury in conjunction with the Moon, Mercury 7 deg. 9 min. south; 11th, 6h. 43m. a.m., Venus in conjunction with the Moon, Venus 9 deg. 43 min. south; 14th, 1h. 43m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 16 min. south; 14th, 2h. 41m. p.m., Mercury in greatest heliocentric latitude south; 18th, 8h. 57m. p.m., Mercury in greatest elongation, Mercury 22 deg. 8 min. east; 21st, 4h. 31m. p.m., Venus stationary; 25th, 5h. 49m. a.m., Uranus in conjunction with the Moon, Uranus 5 deg. 2 min. north; 27th, 0h. 28m. a.m., Mars in conjunction with the Moon, Mars 6 deg. 53 min. north; 28th, 10h. 10m. a.m., Mercury stationary.

FARMING 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 the double-breasted plough; spread manure in the furrows, close the earth over them with the plough, and dibble or 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.
New Moon	7 4 56 p.m.	Full Moon	22 8 5 a.m.
First Quarter	15 4 14 p.m.	Last Quarter	29 6 54 a.m.
Apogee, 7d. 1h. a.m.		Perigee, 21d. 4h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
			SUBT. FROM — ADD TO APPARENT TIME.	M. S.		D.	H. M.	Mean Time.	Sun Rises.		Sun Sets.
1 Sat	Lytton & Chch. railway opened, 1863	21 49 10	10 59-09	23	7 14 a.m.	4 22	7 16	1		
2 S	First Sunday in Advent. French	21 54 8	10 36-46	24	7 59	4 21	7 17	2		
3 M	[Empire, 1852]	22 3 1	10 13-22	25	8 43	4 21	7 18	3		
4 T		22 11 30	9 48-08	26	9 27	4 21	7 19	4		
5 W		22 19 32	9 24-68	27	10 11	4 20	7 20	5		
6 Th	Cawnpore taken by Clyde, 1857	22 27 8	8 59-61	28	10 57	4 20	7 21	6		
7 F	Execution of Marshal Ney, 1815	22 34 18	8 34-03	29	11 43	4 20	7 22	7		
8 Sat		22 41 2	8 7-86	0	0 31 p.m.	4 20	7 23	8		
9 S	Second Sunday in Advent	22 47 18	7 41-26	1	1 18	4 21	7 24	9		
10 M		22 53 8	7 14-19	2	2 6	4 21	7 25	10		
11 T	James II abdicated, 1688	22 58 31	6 46-74	3	2 53	4 21	7 26	11		
12 W		23 3 27	6 18-71	4	3 40	4 21	7 27	12		
13 Th		23 7 55	5 50-48	5	4 27	4 21	7 28	13		
14 F	Prince Consort d, 1861. Washington	23 11 55	5 22-03	6	5 14	4 21	7 29	14		
15 Sat	[died, 1799]	23 15 28	4 53-21	7	6 2	4 22	7 30	15		
16 S	Third Sunday in Advent. Canterbury	23 18 33	4 24-22	8	6 52	4 22	7 30	16		
17 M	[Anniversary]	23 21 9	3 54-71	9	7 42	4 22	7 31	17		
18 T		23 23 18	3 25-36	10	8 37	4 23	7 31	18		
19 W		23 24 53	2 55-83	11	9 34	4 23	7 32	19		
20 Th	L. Napoleon elected President, 1848	23 26 11	2 26-17	12	10 34	4 23	7 33	20		
21 F	St. Thomas. Ferozeshah, 1845	23 28 55	1 56-41	13	11 36	4 24	7 34	21		
22 Sat		23 27 9	1 26-58	14	—	4 24	7 34	22		
23 S	Fourth Sunday in Advent	23 26 56	0 56-57	15	0 38 a.m.	4 24	7 34	23		
24 M		23 26 29	— 26-66	16	1 40	4 25	7 35	24		
25 T	Christmas Day	23 25 8	+ 3-24	17	2 38	4 25	7 35	25		
26 W	St. Stephen. S. Australia colon, 1836	23 23 80	0 33-08	18	3 32	4 26	7 36	26		
27 Th	St. John Evangelist	23 21 25	1 2-75	19	4 22	4 27	7 36	27		
28 F	Innocents. Macaulay died, 1859	23 18 51	1 32-32	20	5 10	4 28	7 36	28		
29 Sat		23 15 49	2 1-79	21	5 56	4 29	7 37	29		
30 S	First Sunday after Christmas	23 12 19	2 30-99	22	6 41	4 30	7 37	30		
31 M		23 8 21	3 0-05	23	7 25	4 31	7 38	31		

PHENOMENA FOR THE MONTH.

DECEMBER—3rd, 3h. 53m. a.m., Mars stationary; 3rd, 2h. 39m. p.m., Mercury in ascending node; 5th, 9h. 58m. a.m., Saturn in conjunction with the Moon, Saturn 1 deg. 14 min. south; 7th, 6h. 34m. p.m., Mercury in conjunction with the Moon, Mercury 3 deg. 29 min. south; 8th, 4h. 27m. a.m., Mercury in Perihelion; 8th, 5h. 29m. a.m., Mercury in inferior conjunction with the Sun; 8th, 6h. 8m. a.m., Venus in conjunction with the Moon, Venus 5 deg. 20 min. south; 9th, 4h. 39m. p.m., Venus in ascending node; 11th, 5h. 33m. p.m., Jupiter in conjunction with the Moon, Jupiter 4 deg. 51 min. south; 12th, 3h. 54m. a.m. Venus in inferior conjunction with the Sun; 18th, 3h. 44m. a.m., Mercury stationary; 18th, 6h. 13m. p.m., Mercury in greatest heliocentric latitude north; 22nd, 6h. 20m. p.m., Sun enters Capricorn; 22nd, 7h. 16m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 16 min. north; 24th, 5h. 50m. a.m., Mars in conjunction with the Moon, Mars 8 deg. 4 min. north; 27th, 7h. 53m. a.m., Mercury in conjunction with Venus, Mercury 1 deg. 54 min. south; 27th, 7h. 39m. p.m., Mercury at greatest elongation, Mercury 22 deg. 16 min. west; 28th, 7h. 0m. p.m., Uranus in opposition to the Sun.

FARMING OPERATIONS.

Attend to the hoeing and weeding of the carrots, parsnips, 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 10 to 12 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 softening air is balm;
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 oft 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,
Majestic darkness! On the whirlwind's wing,
Riding sublime, Thou bidd'st the world adore,
And humblest nature with Thy southern blast.—THOMSON.

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 operations of planting and sowing are 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, nonparoil, and drumhead cabbages; globe savoy, 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 dryer portion of the season; for, being a naturally 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 garlic, eschalots and onions; prune crowded melons under glass, and plant cuttings of them for a successional 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 over-abundant 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 colors 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.

GARDEN CALENDAR.

THE Calendars hitherto published in the "Southern Provinces Almanac" have been deficient in information relating to Ornamental Gardening, from the fact that the first efforts of our early settlers had been mainly confined to the production of vegetables, and afterwards fruits or flowers, only in a moderate degree; thus conforming first to the law of necessity, but afterwards securing the conveniences and luxuries which advancing refinement confers.

And now that greater leisure and the progress of improvement afford a still wider latitude for the exercise of Ornamental Gardening, I have thought it advisable to supply this deficiency by extending the length of each Calendar, and adding to its usefulness by the addition of a paragraph upon the formation and management of Grass Lawns and Walks, as well as Shrubberies and Pleasure Grounds, believing that further information of this kind will be useful for the owners of suburban residences, amongst whom a commendable spirit of rivalry has arisen, each endeavouring to excel his neighbour in handsome lawns, well-formed walks, tastefully shaped flower beds, and shrubberies planted with a neatness, order and variety, falling but little short of the ornamental character of the grounds which usually surround similar residences in England.

It is hoped that the information imparted in the Calendars will encourage an increasing spirit of emulation in Ornamental Gardening, thereby adorning the residences of our more prosperous classes, as well as largely improving the general appearance of the Province.

Christchurch, 1st January, 1865.

W. WILSON.

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.

THIS, the first autumnal month, like that of August in England, usually displays more of the characteristics 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 preserving. 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 destruction 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 radishes, 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 periods 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 luxuriant.

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 be 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 of 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 *early* 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 month, readily bear this easy mode of augmenting their numbers.

English hollies and several other evergreens, having completed their summer's growth, and 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 speedily 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.

A serene blue,
With golden light enliven'd, 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 has now restricted the varieties of vegetable seeds necessary to be sown this month to final sowings of cabbages, cauliflowers, savoy, 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 rich new ground that, unless broccoli receive a check 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 following advantages of frost, sun, and air.

Where omitted 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 currant 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 border 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-blossomed 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 have 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.

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 astonish'd!—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.—Sea-kale Beds—Asparagus—Rhubarb Beds—Trim Herbaceous Plants—Protect Geraniums, Verbenas, &c.—Commence Planting of Bulbous Flower Roots—Potting Greenhouse Plants—Levelling and Laying 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 small 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 that all sorts of trees which are planted during the following summer than spring-planted ones. Wherever, therefore, 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 pruning 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, salsify, 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 seaweed; 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 redeeming merit of affording an occasional beautiful day.

Seed sowing is now entirely suspended, but suitable weather will afford 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 simply manuring and digging a piece of good land, then marking it off in four-and-a-half-foot 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 blended 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 ensure 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 cress, 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 plan 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 calendar 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 hard-wooded 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, epacris, 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 gaiety, 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 clay; 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 shrubby 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 uneven, 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, Cauliflowers, &c.—Transplant Rhubarb, Asparagus, Sea-kale, and make fresh Sowings—Early Cucumbers, Melons, Celery, Capsicums, and Tomatoes—Hasten 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 ensure for the dwarfest 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, savoy, 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 straw berries 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.

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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 green-house 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 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 green-house, shading slightly from the brightness of the mid-day sun, and sprinkling 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 shrubby 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; huris the tempest forth;
And, as on earth this grateful change revolves,
With transport touches all the springs of life.—TROMSON.

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, leading 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, savoy, 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 Seville 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 quarter 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 north-west 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 attainment, 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 efficacious.

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, Celery, 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 Borders 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 savoy, 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, salsify, 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 slight 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 rhubarb 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 convolvulus major, tropeolum 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 adorns 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, calceolarias, cinerarias, fuchsias, heliotropes, carnations, and hybrid perpetual roses in pots; all of these, with a fair proportion of bluish and dark China roses judiciously blended, will maintain throughout the whole of the summer and autumn a great profusion of bloom, combined with a pleasing diversity of colour and every enjoyable perfume.

NOVEMBER.

From brightening fields of ether 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 crop, 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 of the 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 omitted 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 conducive 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 raspberries, 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 colours 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 overcrowded 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!—Thomson.

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 ceilings 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; scorched foliage—a two 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; or 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 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.

GENERAL GOVERNMENT DIRECTORY.

THE GOVERNMENT OF NEW ZEALAND.

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Assistant Private Secretary—J. Moore, Esq.
Aide-de-Camp—Major W. Gray, M.T.
Orderly—Hori Kerai.

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Secretary to the Cabinet—William Gisborne, Esq.

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Under Secretary—William Gisborne.
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Chief Clerk—E. Hill.

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Clerk—W. Grey.
Draftsman—J. W. A. Marchant.

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Chief Surveyor—Charles Heaphy.
Secretary and Inspector of Customs—Stephen Carkeek. *Clerk*—W. France.
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Director of Geological Survey—Jas. Hector, M.D.
Assistant—R. B. Gore.
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His Honor Alexander John Johnston, Wellington, Nelson, and Napier Districts.
His Honor Henry Barnes Gresson, Christchurch and Hokitika Districts.
His Honor Christopher William Richmond, and His Honor Henry Samuel Chapman, Dunedin and Invercargill Districts.

NATIVE LANDS COURT.

Chief Judge—Francis Dart Fenton, Esq.
Judges—John Rogan, James Mackay, and William B. White, Esqs.
Translator—H. Monro.
Crown Agent—H. H. Turton.
Chief Clerk—A. J. Dickey.

District Judge—Otago Goldfields, His Honor Wilson Gray.

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President and Master Warden—Charles Sharp.
Wardens—Robert Johnson and Archibald Kennedy.
Inspectors of Steam Vessels—(Under the Steam Navigation Act, 1862)—R. Johnson, Nelson and Auckland; A. Kennedy, Wellington.
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Light House Engineer—W. Aylmer.
Assistant Light House Engineer—H. B. Rotton.

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Portugal—Edmund Quick, Consular Agent, Dunedin.
United States of America—F. Leavenworth, Consul, Bay of Islands; Henry Driver, Consular Agent, Dunedin.
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Belgium—Ernest Louis Bucholz, Consul, Auckland.
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Sweden and Norway—Edmund Quick, Consular Agent, Dunedin.
Chili—Edmund Quick, Consular Agent, Dunedin.

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Taranaki—Henry Robert Richmond, Esq.
Hawkes Bay—Donald M'Lean, Esq.
Wellington—Isaac Earl Featherston, Esq.
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Marlborough—William Henry Eyes, Esq.
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Cutfield, Hon. George, of Taranaki.
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Pollen, Hon. Daniel, of Auckland.
Prendergast, Hon. James, of Otago.

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Richmond, Hon. Mathew, C.B., of Nelson.
Richmond, Hon. James Crowe, of Nelson.
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Russell, Hon. Henry, of Hawkes Bay.
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CLERK—Leonard Stowe, Esq.

HOUSE OF REPRESENTATIVES.

Clerk—F. E. Campbell, Esq.

Assistant Clerk—G. Friend, Esq.

[General Election pending at the time of publication.]

PROVINCE OF AUCKLAND.

Districts.	No. of Members.
Mongonui	1
Marsden	1
Bay of Islands	1
Northern Division	2
City East	1
City West	2
Parnell	1
Newton	1
Onehunga	1
Pensioner Settlements	1
Franklyn	2
Baglan	1
	— 15

PROVINCE OF TARANAKI.

New Plymouth	1
Grey and Bell	1
Omata	1
	— 3

PROVINCE OF HAWKES BAY.

Districts.	No. of Members.
Napier	1
Clive	1
	— 2

PROVINCE OF WELLINGTON.

Wellington (city)	3
Hutt	2
Porirua	1
Rangitikei	1
Wanganui	1
Wairarapa	1
	— 9
Total, North Island	29

PROVINCE OF NELSON.

Nelson (city)	2
Waimea	1
Nelson Suburbs	1

PROVINCE OF NELSON—(Continued).

Districts.	No. of Members.
Motuoka	1
Collingwood	1
	— 6
PROVINCE OF MARLBOROUGH.	
Pieton	1
Wairau	1
Cheviot	1
	— 3
PROVINCE OF CANTERBURY.	
Christchurch (city)	1
Lyttelton	1
Ashley	1
Kaipoi	1
Avon	1
Heathcote	1
Mount Herbert	1
Akaroa	1
Selwyn	1
Coleridge	1
Timaru	1
Gladstone	1
Westland	1
	— 13

PROVINCE OF OTAGO.

Districts.	No. of Members.
Dunedin (city)	2
Roslyn	1
Caversham	1
Port Chalmers	1
Taieri	1
Bruce	1
Clutha	1
Oamaru	1
Waikouaiti	1
Manuherikia	1
Hampden	1
Goldfields towns	1
Goldfields	2
	— 15
PROVINCE OF SOUTHLAND.	
Invercargill	1
Mataura	1
Riverton	1
Wallace	1
	— 4
Total, South Island	41
Total, House of Representatives	70

Calder, William Henderson, Southland
Cameron, John, Wellington
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Campbell, Alexander Le Grand, Nelson
Campbell, James Hunter, Hawkes Bay
Campbell, Michael Scott, Canterbury
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Canning, John Davis, Hawkes Bay
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Cargill, John, Otago
Cargill, Edward Bowes, Otago
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Chalmers, Gerit Alexander, Otago
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Clarke, Marsden, Auckland
Clendon, James Reddy, Auckland
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Curtis, Oswald, Nelson
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Deighton, Samuel, Wellington
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DeQuincey, Paul Frederick, Auckland
Dewe, John, Auckland
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Dilworth, James, Auckland

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Filleul, William Gabriel, Otago
Fitzgerald, Michael, Hawkes Bay
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FitzGerald, Gerard George, Canterbury
Fitzherbert, William, Wellington
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Fox, William, Wellington
Fulton, James, Otago
Fyffe, George, Marlborough

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Gibbs, William, Nelson
Gibson, Frederick Denham, Canterbury
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Gillilan, Henry, Auckland
Gillies, John, Otago
Gillies, John Lillie, Otago
Gisborne, William, Wellington
Glasson, John, Auckland
Godfrey, Henry, Marlborough
Gollan, Donald, Hawkes Bay
Goodfellow, William, Auckland
Gordon, James, Hawkes Bay
Gorton, Edward, Wellington
Goulard, Henry Godfrey, Marlborough
Goulter, Cyrus, Marlborough
Grace, John, Wellington
Graham, George, Auckland
Graham, Robert, Auckland
Graham, David, Auckland
Gray, Ernest, Canterbury
Gray, Wilson, Otago
Greaves, Robert, Canterbury
Greenstreet, Charles Hawkins, Canterbury
Greenwood, John Damforth, Nelson
Greenwood, John, junr., Nelson
Greenwood, Graham Lord, Nelson
Griffiths, Alfred Benson, Auckland
Grigg, John, Auckland

Haggitt, Bryan Cecil, Otago

JUSTICES OF THE PEACE FOR THE COLONY OF NEW ZEALAND.

Acland, John Barton Arundel, Canterbury
 Adams, William, Marlborough
 Alexander, Alexander, Hawkes Bay
 Allen, John, Otago
 Allen, John, Marlborough
 Allison, James, Wellington
 Allom, Albert James, Auckland
 Anderson, James, Hawkes Bay
 Antrobus, Edward Crawford, Auckland
 Archibald, Thomas Baston, Otago
 Aubrey, Harcourt Richard, Auckland
 Aylmer, Justin, Canterbury

Baber, James, Auckland
 Back, Alexander, Canterbury
 Baker, William Bailey, Auckland
 Baillie, William Douglas Hall, Marlborough
 Baillie, Alan, Auckland
 Bain, John Watson, Auckland
 Baldwin, William, Otago
 Ball, Thomas, Auckland
 Balneavis, Henry Colin, Auckland
 Bannatyne, William M'Leod, Wellington
 Bannicatt, John Wallis, Nelson
 Barstow, Robert Clapham, Auckland
 Bartley, Thomas Houghton, Auckland
 Barton, Richard, Wellington
 Battersbee, Edward, Wellington
 Bealey, Samuel, Canterbury
 Bealey, John, Canterbury
 Beamish, Nathaniel, Wellington
 Beaumont, Richard, Marlborough
 Beckham, Thomas, Auckland
 Bedlington, William, Auckland
 Beetham, Richmond, Otago

Bell, Francis Dillon, Otago
 Belfield, Herbert, Canterbury
 Bennett, John Boyle, Auckland
 Beswick, William Cockerill, Canterbury
 Bidwell, Charles Robert, Wellington
 Biggs, Reginald Newton, Hawkes Bay
 Birch, Josiah, Canterbury
 Blackett, John, Nelson
 Blakiston, Charles Robert, Canterbury
 Blacklock, John, Southland
 Blundell, Francis Horniblow, Nelson
 Booth, James, Wellington
 Borton, John, Otago
 Bowen, Charles, Canterbury
 Bowen, Charles Christopher, Canterbury
 Boylan, James Thomas, Auckland
 Boys, John Cowell, Canterbury
 Brandon, Alfred de Bathe, Wellington
 Branigan, St. John, Otago
 Braithwaite, James Butcher, Hawkes Bay
 Bridges, John, Wellington
 Brittan, Joseph, Canterbury
 Brittan, William Guise, Canterbury
 Broad, Charles, Otago
 Broad, Lowther, Otago
 Brown, Charles, Taranaki
 Brown, Charles Hunter, Auckland
 Brown, John Thomas, Canterbury
 Brunner, Thomas, Nelson
 Browning, Samuel, Auckland
 Buchanan, Andrew, Otago
 Buller, Walter Lowry, Wellington
 Burnett, George, Auckland
 Burns, Arthur John, Otago
 Butler, William, Auckland

Halcombe, Arthur William Follett, Wellington
 Hall, George Williamson, Canterbury
 Hall, John, Canterbury
 Hall, Thomas Williamson, Canterbury
 Halse, William, Taranaki
 Halse, Henry, Auckland
 Hamilton, William John Warburton, Canterbury
 Hamilton, James, Otago
 Hamilton, Henry Meade, Auckland
 Handley, John, Wellington
 Hankinson, Donald, Southland
 Harcastle, Edward, Otago
 Harman, Richard James Strachan, Canterbury
 Hargreaves, Joseph, Auckland
 Harper, Thomas, Wellington
 Harington, Philip, Auckland
 Harris, John Hyde, Otago
 Harrison, Henry Shafto, Wellington
 Harsant, Walter, Auckland
 Hart, Robert, Wellington
 Hart, George, Wellington
 Haselden, Charles, Auckland
 Hassel, James, Otago
 Haultain, Theodore Minet, Auckland
 Heale, Theophilus, Auckland
 Heaphy, Charles, Auckland
 Henderson, Thomas, Auckland
 Hickson, John Smith, Otago
 Hickson, William, Wellington
 Hodgkinson, Samuel, Southland
 Hogarth, John, Auckland
 Hoggard, John Farr, Wellington
 Hogue, Arthur, Southland
 Holmes, Matthew, Southland
 Holt, James, Auckland
 Horne, James Herbert, Auckland
 Horneman, Frederick Edward, Nelson
 Hull, Francis Holmes, Auckland
 Hunter, George, Wellington
 Hunter, William, Hawkes Bay

Imlay, Peter, Wellington
 Ingles, Alexander Wighton, Marlborough
 Ingles, Henry, Marlborough
 Inglis, Alexander, Hawkes Bay
 Innes, David, Canterbury

Jackson, John, Wellington
 Jackson, Freeman, Southland
 Johnson, John Grant, Auckland
 Johnston, John, Wellington
 Johnston, William, Otago
 Johnston, David, Marlborough
 Jollie, Edward, Canterbury
 Jollie, Francis, Canterbury
 Jones, John Richard, Otago
 Joseph, Jacob, Wellington

Kebble, Thomas, Wellington
 Kedell, Jackson, Auckland
 Keene, Charles Ruck, Marlborough
 Keene, George Ruck, Marlborough
 Kelham, James, Wellington
 Kelling, John Fedor Auguste, Nelson
 Kemp, Henry Tacy, Auckland
 Kempthorne, Sampson, Auckland
 Kenderdine, Thomas Brutton, Auckland

Kenny, Courtenay William Aylmer Thomas, Marlborough
 Kenny, William Henry, Auckland
 Kennedy, Alexander, Auckland
 Kerr, Alexander, Auckland
 Kerr, John, Auckland
 Kidd, Thomas Alexander, Auckland
 King, Henry Woodlands, Taranaki
 King, Samuel Popham, Taranaki
 King, Thomas, Taranaki
 Kinnersley, Thomas Alfred Sneyd, Marlborough
 Kinross, J. G., Hawkes Bay
 Kirwan, John, Wellington
 Knight, Charles, Wellington

Lambert, Charles, Hawkes Bay
 Lance, Henry Porcher, Canterbury
 Lance, James Du Pré, Canterbury
 Lean, Alexander, Canterbury
 Lavin, John, Hawkes Bay
 Lawlor, Daniel Shea, Southland
 Lawlor, Henry Charles, Auckland
 Lee, Edward, Otago
 Lee, George Leslie, Canterbury
 Lee, Edward James, Canterbury
 Levin, Nathaniel, Wellington
 Leven, Joseph Henry, Nelson
 Lewis, David, Wellington
 Lloyd, George, Otago
 Locke, Samuel, Hawkes Bay
 Logan, William Realle, Marlborough
 Logan, Robert A., Wellington
 Logie, Charles, Otago
 Ludlam, Alfred, Wellington
 Lusk, Robert Baillie, Auckland
 Lyon, William, Wellington
 Lyon, William Charles, Auckland

Macfarlane, John Sangster, Auckland
 Mackay, James, Nelson
 Mackay, Alexander, Nelson
 Mackay, James, jun., Nelson
 Macdonald, William Kenneth, Canterbury
 Mackenzie, Francis Wallace, Southland
 Macgregor, Robert Henry, Auckland
 Mainwaring, R. C., Auckland
 Mair, William, Auckland
 Maitland, James, Otago
 Maltby, William, Hawkes Bay
 Manning, Frederick Edward, Auckland
 Mantell, Walter Baldoek Durrant, Wellington
 Mansford, Thomas Anstey, Otago
 Marshall, John Williams, Wellington
 Martelli, Horatio de Courcey, Wellington
 Martin, Hugh, Nelson
 Mason, William, Otago
 Matson, Henry, Auckland
 Maude, Thomas William, Canterbury
 May, Joseph, Auckland
 Mayne, Edward, Auckland
 M'Arthur, Duncan, Southland
 M'Caskey, Lachlan Allen, Auckland
 M'Culloch, Henry, Southland
 M'Donnell, Thomas, Auckland
 M'Glashan, John, Otago
 M'Glashan, Edward, Canterbury
 M'Kellar, Peter, Auckland
 M'Kenzie, Duncan, Auckland

M'Lean, Donald, Hawkes Bay
 M'Lean, Every, Auckland
 M'Master, Alexander, Auckland
 M'Nab, Alexander, Southland
 M'Neil, Alexander, Southland
 M'Pherson, Eneas M'Intosh, Canterbury
 M'Rae, Philip, Marlborough
 Mellish, George Lilly, Auckland
 Mellsop, Charles, Auckland
 Menzies, James Alexander Robertson, Southland
 Meredith, Edwin, Wellington
 Miles, J. G., Nelson
 Miller, Edward, Wellington
 Mitford, George Manners, Auckland
 Moir, William, Auckland
 Monro, David, Nelson
 Mouro, Henry Alfred Home, Auckland
 Moore, George, Wellington
 Moore, John, Wellington
 Moorhouse, Benjamin Michael, Canterbury
 Morpeth, Henry Douglas, Auckland
 Morrow, Hugh, Auckland
 Morse, Nathaniel George, Nelson
 Moss, Frederick Joseph, Otago
 Müller, Steven Lunn, Marlborough
 Munro, John, Auckland
 Mould, Thomas Rawlings, C.B., Auckland
 Moule, William, Auckland
 Murdoch, John Wallace, Otago
 Murray, George Freeman, Auckland
 Murray-Aynsley, Hugh Percy, Canterbury
 Murison, James, Otago
 Murison, William Dick, Otago
 Musgrave, Edward, Otago

Nairn, Charles, Hawkes Bay
 Naughton, James, Auckland
 Nesbitt, William Kerr, Auckland
 Newcome, Richard Kindersley, Nelson
 Newman, Alfred George, Hawkes Bay
 Newman, Joseph, Auckland
 Nixon, John, Wellington
 Noake, Maillard, Wellington
 Nurse, Hugh, Southland

Oliver, George Alfred, Hawkes Bay
 Oliver, Arthur Robert, Nelson
 Ollivier, John, Canterbury
 O'Neill, James, Auckland
 Orbell, John, Otago
 O'Rorke, George Maurice, Auckland
 Ormond, John Davis, Hawkes Bay
 Otway, Caesar Hastings, Wellington
 Owen, George Burgoyne, Auckland

Packer, Richard, Canterbury
 Palmer, Joseph, Canterbury
 Park, Robert, Canterbury
 Parker, George Babington, Otago
 Parker, Henry, Auckland
 Parker, Thomas Windle, Otago
 Parris, Robert, Taranaki
 Paton, Thomas, Auckland
 Pauli, William Berjew, Canterbury
 Peacocke, Ponsonby, Auckland
 Pearce, Edward, Wellington
 Pearson, Walton Henry, Southland
 Peter, William Spence, Canterbury

Proston, William H., Auckland
 Pharazyn, Charles Johnson, Wellington
 Phillips, Henry, Canterbury
 Pillans, Francis Scott, Otago
 Pilliet, Walter Hippolyte, Marlborough
 Pollen, Daniel, Auckland
 Potts, Thomas Henry, Canterbury
 Powditch, William, Auckland
 Poynter, John, Nelson
 Preece, James, Auckland
 Price, Matthew, Southland
 Purdie, William, Otago
 Purnell, William Kirk, Canterbury
 Pyke, Vincent, Otago

Raeburn, Robert, Auckland
 Reader, Henry Elmhist, Canterbury
 Reeves, William, Canterbury
 Renall, Alfred, Wellington
 Renwick, Thomas, Nelson
 Revans, Samuel, Wellington
 Reynolds, William Hunter, Otago
 Rhodes, Joseph, Hawkes Bay
 Rhodes, Robert Heaton, Canterbury
 Rhodes, William Barnard, Wellington
 Rich, Edwin, Otago
 Richardson, John Larkins Cheese, Otago
 Richmond, Andrew James, Nelson
 Richmond, Henry Robert, Taranaki
 Revell, William Horton, Canterbury
 Rolleston, William, Wellington
 Reynolds, Thomas, Otago
 Rees, William Gilbert, Otago
 Rice, Henry Edward, Auckland
 Richmond, James Crowe, Nelson
 Richmond, Matthew, C.B., Nelson
 Robinson, Francis, Wellington
 Robinson, Samuel, Marlborough
 Robinson, Henry Wirgman, Otago
 Rochfort, John, Canterbury
 Rogan, John, Auckland
 Rogers, James Dowling, Canterbury
 Roland, James, Otago
 Rooke, Charles Cecil, Wellington
 Ross, George Arthur Emilius, Canterbury
 Rough, David, Nelson
 Russell, Andrew Hamilton, jun., Hawkes Bay
 Russell, Robert, Wellington
 Russell, Henry Robert, Hawkes Bay
 Russell, John Charles Watts, Canterbury
 Russell, Thomas Purvis, Hawkes Bay
 Russell, William Russell, Hawkes Bay
 Rutherford, George, Nelson
 Ryan, John, Auckland

Sale, George Samuel, Canterbury
 Salisbury, Edward Dodson, Nelson
 Saunders, Alfred, Nelson
 Saxton, John Waring, Nelson
 Schaw, Charles Cockburn, Otago
 Scott, Henry Arthur, Canterbury
 Scott, Matthew, Southland
 Scott, Thomas, Auckland
 Schultze, Charles William, Wellington
 Sealey, Henry Bowman, Hawkes Bay
 Searancke, William Nicholas, Auckland
 Seymour, Arthur Penrose, Marlborough
 Sewell, Henry, Canterbury

Shand, Archibald Watson, Canterbury
 Sharp, Charles, Wellington
 Shaw, John, Otago
 Shearman, Robert Clarke, Canterbury
 Sillery, Charles, Auckland
 Simms, William Henry, Canterbury
 Simpson, William Lawrence, Otago
 Sinclair, Donald, Nelson
 Smith, John Alexander, Hawkes Bay
 Smith, John Elisha, Wellington
 Smith, John Stephenson, Taranaki
 Smith, John Valentine, Wellington
 Smith, Robert William, Wellington
 Smith, Thomas Henry, Auckland
 Smith, William Mein, Wellington
 Speedy, James, Auckland
 Stafford, Edward William, Nelson
 Stanley, John, Hawkes Bay
 Steele, David Pike, Otago
 Stericker, Edward Glaves, Canterbury
 Stephenson, Samuel, Auckland
 Stewart, Francis Edward, Canterbury
 Stewart, Robert Oliphant, Auckland
 Stoddart, Mark Pringle, Canterbury
 Stokes, Robert, Wellington
 Stokes, John Milbourn, Wellington
 Strang, Robert Roger, Wellington
 Stratford, Henry Aldborough, Otago
 Strode, Alfred Roland Chetham, Otago
 Stuart, Robert, Otago
 Studholme, John, Canterbury
 Studholme, Michael, Canterbury
 Sturmer, Spencer William von, Auckland
 Swainson, William, Auckland
 Swainson, George Frederick, Wellington
 Symonds, John Jermyn, Auckland
 Tancred, Henry John, Canterbury
 Tarlton, William Francis, Southland
 Taylor, Allan Kerr, Auckland
 Taylor, Charles John, Auckland
 Taylor, John Parkin, Southland
 Taylor, Henry, Auckland
 Taylor, Thomas Ballardie, Wellington
 Taylor, William Innes, Auckland
 Taylor, William Waring, Wellington
 Teschmaker, William Henry, Otago
 Tetley, Joseph Dresser, Marlborough
 Thomas, William Esdaile, Chatham Islands
 Thomas, Charles Thynne, Nelson
 Thomson, Campbell, Otago
 Thomson, William, Otago
 Thornton, Daniel Bateman, Auckland
 Thorp, Charles, Nelson
 Tiffin, Henry Stokes, Hawkes Bay
 Tinline, John, Nelson
 Todd, Andrew, Otago
 Torlesse, Charles Obins, Canterbury
 Tossell, William Browning, Canterbury
 Trolove, Frederick William, Marlborough
 Tucker, John Ashcott, Hawkes Bay
 Tucker, Henry Edward, Nelson
 Tuke, Edmund, Hawkes Bay
 Turnell, Henry Widowson, Nelson
 Turnbull, George, Otago
 Turnbull, Walter, Wellington
 Turton, Henry Hanson, Auckland
 Valpy, William Henry, Otago

Vickerman, Francis Longbourne, Marlborough
 Vyvyan, Thomas Henry, Nelson
 Wakefield, Edward Jerningham, Canterbury
 Walker, Lancelot, Canterbury
 Walmsley, Benjamin, Nelson
 Walton, Henry, Auckland
 Ward, Crosbie, Canterbury
 Ward, Joseph Brockley, Taranaki
 Ward, Charles Dudley Robert, Wellington
 Wardell, Herbert Samuel, Wellington
 Warre, Henry John, C.B., Taranaki
 Waters, Thomas, Wellington
 Watson, John, Canterbury
 Watt, Isaac Newton, Southland
 Watt, William Hogg, Wellington
 Watts, Charles Fowell Willett, Marlborough
 Wayne, Frederick, Otago
 Webster, John, Auckland
 Weekes, Henry, Auckland
 Weld, Frederick Aloysius, Canterbury
 Wells, William, Nelson
 Wemyss, James Balfour, Nelson
 Wentworth, Fitzwilliam, Southland
 White, George, Nelson
 White, Thomas Woolaston, Canterbury
 White, John, Wellington
 White, William Bertram, Auckland
 White, Titus Augus, Auckland
 Whitmore, George Stoddart, Hawkes Bay
 Whitton, Henry William, Southland
 Wigley, Thomas Henry, Marlborough
 Wilcox, Joseph, Wellington
 Wilkin, Robert, Canterbury
 Wilkinson, John, Hawkes Bay
 Williams, Robert, Otago
 Williams, Edward Marsh, Auckland
 Williams, Thomas Coldham, Auckland
 Williams, Frederick, Marlborough
 Williams, James Nelson, Hawkes Bay
 Williams, John William, Auckland
 Williams, Henry Davis, Marlborough
 Williams, Henry, jun., Auckland
 Williamson, Charles, Otago
 Williamson, James, Auckland
 Williamson, John, Auckland
 Willis, Alexander James, Otago
 Willis, William Jarvis, Wellington
 Wilson, James, Wellington
 Wilson, James Irwin, Auckland
 Wilson, John Cracroft, C.B., Canterbury
 Wither, Charles Bigg, Nelson
 Wood, Reader Gilson, Auckland
 Wood, John Nugent, Otago
 Woolcombe, Belfield, Canterbury
 Woodward, Jonas, Wellington
 Worsley, Septimus Lancelot, Canterbury
 Worthington, Charles, Otago
 Wright, John Fortesue Evelyn, Wellington
 Wright, William Brisbane, Nelson
 Wyatt, Alfred Francis William, C.B., Auckland
 Wynyard, Gladwyn John Richard, Auckland
 Young, Henry, Southland
 Young, William, Auckland
 Young, William Carr, Otago

NEW ZEALAND ARMY LIST.

COLONIAL FORCES.

CORRECTED TO DECEMBER, 1865.

AUCKLAND.

MILITIA.

Acting Quarter-Master General—1864: Captain J. H. R. Harrison (A.M.), 1st July.
 Lieutenant-Colonels—1863: Henry Matthew Nation, 22nd July. 1864: Ponsonby Peacocke, 18th April. P. F. de Quincey, April 20.
 Major—1863: Michael Tighe (Adjutant), 28th October. 1865: Thomas Beckham, 17th May; Alfred Benson Griffiths, 18th May.
 Captains—1860: John Harris Rogers Harrison (S), 27th April. 1863: George Kells, 20th June; Francis Charles Lewis, 23rd June; John Charles Irvine, 30th June; John Kerr, 22nd July; Thomas Macfarlane, 23rd July; Michael Dinnin, 25th July; Edward Brophy, 27th July; James Naughton, 12th August. 1864: Henry Black McNab, 10th September; George Maurice O'Rorke, 11th September; John Lambert Tole, 13th September; Hugh Morrow, 14th September; Richard Hobbs, 15th September; James Stewart, 16th September. 1865: William S. Wild, 4th May; J. A. Wilson, 20th June; C. J. Wilson, 21st August.
 Lieutenants—1860: Joseph Brennan, 5th May; Robert Hattaway, 8th May. 1863: George Harris, 24th June; Whiston Woodfall Powell, 25th June; Frederick Howard, 3rd July; William Aitken, 23rd July; James Heron, 24th July; James Russell, 15th October; Robert Williams Wynn, 12th December. 1864: Edward Woolfield, 17th February; John Lindsay Moffit, 9th September; William Jennings Kenny (S), 10th September; Robert Horne, 13th September; Frederick Ring, 14th September; Thomas Jackson, 15th September; Henry Gilfillan, 16th September; Samuel Hague Smith, 19th November. 1865: George McVay, 2nd June.
 Ensigns—1863: John Kirkwood, 22nd July; John Stables, 23rd July; Joseph Edward Hickson, 24th July; Henry Walter Verece, 25th July; John Fitzroy B. Peacocke, 5th September; George Henderson, 13th October. 1864: Ernest Louis Bucholz, 23rd September; William Coombe, 18th November. 1865: N. P. Carver, 27th January; L. A. Nathan, 10th May; G. H. Cheeseman, 2nd June; W. C. Kensington, 3rd June. B. J. MacLean, 23rd October.
 Adjutant—1863: Michael Tighe (Major), 28th October.
 Quarter-Master—1863: Thomas William Doonin, 27th July.
 Surgeons—1860: Henry Price Meredith, 5th June; Henry Weeks, M.D., 4th June. 1861: Charles Field Goldsboro', M.D., 23rd April. 1864: John Wood, M.D., 27th December.

1ST WAIKATO MILITIA.

Commandant of Waikato Militia—Colonel the Hon. Theodore Minet Haultain.
 Lieutenant-Colonels—1863: George Dean Pitt, 27th June. 1864: Phillip Harington, 22nd April.
 Major—1863: John Henry Herbert St. John, 20th October.
 Captains—1863: William Griffin Stack, 22nd June; William Magee Hunter (Adjutant), 2nd July; William Moir, 3rd July; Henry Gold Smith (C.T.C.), 11th August; James Skene (C.T.C.), 12th August; Thomas Broun, 19th September; William Fraser, 5th November. 1864: Francis Charles Leggett, 18th January. 1865: W. A. Smith, 2nd February; M. N. Bower, 3rd February; G. P. Walker, 4th May; A. C. H. Tovey, 16th May.
 Lieutenants—1863: George Francis Dean Pitt (C.T.C.), 4th September; Cholwell Dean Pitt, 5th November; Henry Boyle Hunter (C.T.C.), 6th November. 1864: Charles Cavendish Hurrell, 8th January; Archibald Campbell Turner, 27th July. 1865: Crosbie Kidd, 4th May; F. C. Hallows, 5th May; R. Gray, 28th August; G. H. Ross, 29th August.
 Ensigns—1863: Forster Yelverton Goring, (C.T.C.), 19th September; Augustus Athling Atkins (C.T.C.), 28th September; William Hobson Coates (C.T.C.), 20th October; Herbert Fitzwilliam Way, 4th November; John Ryburn Buckley, 17th November. 1864: James Hopcraft, 11th January; Roger Hill, 12th January; Robert Toler Curtis, 11th June. 1865: E. Lawson, 12th May.
 Adjutant—1863: William Magee Hunter (Captain), 7th July.
 Quarter-Master—1863: Thomas Tunks (Captain), 4th July.
 Surgeon—1864: Clarence Hooper, 15th November.
 Assistant Surgeon—1864: Joseph Henry, 7th September.
 2ND WAIKATO MILITIA.
 Lieutenant-Colonel—1860: The Hon. Theodore Minet Haultain (Colonel, 2nd April, 1864), 26th April.
 Major—1864: Frederick Jesse Hills, 13th September.
 Captains—1863: Harley Kingsmill Drury, 4th September; Raleigh Peacocke, 4th October; Archibald William Ramsay Davidson, 5th October; William St. Clair Tisdall (Adjutant), 6th October; James Holt (S), 20th October;

1864: Leonard Simpson, 24th February; Tristram Chas. Sawyer Speedy, 8th June; Albert Harley Storey, 13th September. 1865: H. L. Williams, 6th February. 1865: George William Yates, 18th October.

Lieutenants—1863: Arthur Arlington Abbott, 4th September; Robert Johnstone, 18th September; George Rayner, 1st October; Lewis Rye (C.T.C.), 4th October; Patrick Dowell Malone, 15th October. 1864: Daniel Bockett (C.S.C.), 23rd February; Robert John Coulter, 13th September; Harry Berkeley R. Harrison (C.T.C.), 2nd April.

Ensigns—1863: William De Renzie R. Turner (P.M.), 4th October; Cranley Lancelot Perry, 5th October; Alfred Mason Speedy, 7th October; John Swete White, 30th October. 1864: Wm. Henry Denison Howe (C.T.C.), 21st January; Charles Lewis Wiggins, 29th September; Arthur R. Cooper, 30th September. 1865: R. Kenrick, 30th March; G. C. V. Tisdall, 1st April; Charles Finnerty, 28th June.

Adjutant—1864: William St. Clair Tisdall (Captain), 6th January.

Quarter-Master—1864: John George Freer (Captain), 5th September, 1863), 23rd February.

Surgeon—1864: Edward Waddington, M.D., 16th November.

Assistant-Surgeons—1863: William Montague Hall Welby, 30th October. 1864: Joseph Snape, 15th November.

3RD WAIKATO MILITIA.

Lieutenant-Colonel—1863: William Charles Lyon, 16th October.

Major—1864: Thomas Wilson, 11th January.

Captains—1863: William Clare (Adjutant), 1st July; James Rowles, 17th July; Martin Krippner, 17th October; Prideaux Rickards, 24th October; Frederick Nelson George (Br.-Major), 21st July, 1865), 27th October; John Wilson, 23rd December. 1864: Frederick William Ruck (C.T.C.), 7th March; John Peter du Moulin (C.T.C.), 3rd November.

Lieutenants—1863: Harvey Spiller (C.T.C.), 19th October; Archer Knopwood Gregson, 24th October; James Innes Lynch, 26th October; James Henry Moore Carpenter, 27th October; Gustav Hensen, 30th October; James Baird Hay (C.T.C.), 23th July.

Ensigns—1863: C. E. Vickers, 4th July; Josiah Hart Hamlin, 27th July; Robert Smelt Bush, 30th September; Hugh Stratford, 6th October; Andrew Burns, 26th October; Frederick Gascoigne, 27th October; George Bell, 28th October; Eugene Henry Muller (C.T.C.), 29th October; Henry Wilson, 2nd November; Francis Joseph Wardell (C.T.C.), 3rd November; George Scrymgeour Nichol, 5th November; John Brown, 6th November; George Scott Chiene (C.T.C.), 7th November; Harry Travers Owen, 4th December; Dugald Stewart MacColl, 22nd December; William George Jackson, 30th December. 1865: E. B. Robinson, 17th July.

Adjutant—1864: William Clare (Captain), 20th January.

Quarter-Master—1863: James Davis (Captain, 7th August), 30th October.

Surgeons—1863: Charles Hovell, M.D., 3rd July, 1865: S. Sam, 26th January.

Assistant-Surgeons—1863: Patrick J. O'Carroll, 19th September. 1864: Richard Oliver, 8th September.

4TH WAIKATO MILITIA.

Lieutenant-Colonel—1864: William Moule, 21st April.

Major—1864: Jackson Keddell, 25th February.

Captains—1864: Alfred William East (Adjutant), 21st January; Gerald Butler Beere, 18th February; ruary; William Steele, 29th March; James Macpherson (C.T.C.), 9th July. 1865: D. M. Broun, 4th February.

Lieutenants—1864: John Walker, 25th January; Robert Yallop Stokes, 20th February; Edward Shilson, 23rd February; William Johnstone, 29th March. 1865: A. G. Pogue, 30th March.

Ensigns—1864: James R. Horne (C.S.C.), 25th January; Francis Bygrove Barnes, 17th February; Daniel William Connell (C.T.C.), 24th February; William Sylvester Styak (C.T.C.), 26th February; Owen Ormsby Irwin, 8th March; Henry Gairdner Blackmore, 23rd March; John Crawford, 29th March. 1865: A. H. Maclean, 16th May.

Adjutant—1864: Alfred W. East (Captain), 5th May.

Quarter-Master—1864: John Patrick Shanaghan, 17th February.

Surgeon—1864: John Carey, 5th April.

Assistant-Surgeons—1863: William Rayner, 22nd July. 1864: Bernard Charles Beale, 5th April.

CAVALRY VOLUNTEERS.

Captains—1863: Howard Hutton (Otahuhu), 14th July; Henry Hardington (Auckland), 11th August; Every M'Lean (Howick), 26th October.

Lieutenants—1863: William Thomas Bassett (Otahuhu), 14th July; Benjamin Harris (Otahuhu), 10th August; Stannus Jones (Auckland), 11th August. 1864: William Marks (Auckland), 19th January; Charles Roberts (Howick), 22nd April.

Cornets—1863: Walter Harris (Otahuhu), 14th July; James Robertson (Otahuhu), 10th August. 1864: Patrick Donovan (Auckland), 15th February; Frederick Hill (Howick), 8th June.

RIFLE VOLUNTEERS.

Captains—1862: James Derrom, 7th June. 1863: James McCosh Clark, 26th June; John Howell, 22nd July.

Lieutenants—1862: William Richard Waddell, 7th June. 1863: Emelius LeRoy, 29th August.

Ensigns—1862: Thomas Thompson, 7th June. 1863: Daniel Tole, 22nd July; John Batger, 29th August. 1864: Chas. Hesketh, 18th May; Seering Hall Matthews, 13th September.

NAVAL VOLUNTEERS.

Captains—1863: William Crush Daldy, 3rd August. 1864: Thomas Edward Guilding, 5th April.

Lieutenant—1864: Charles Stephenson, 24th June.

Sub-Lieutenant: 1864: Alfred Barchard, 24th June.

REMUEA RIFLE VOLUNTEERS.

Captain—1863: David Graham, 14th July.

Lieutenant—1863: Samuel Jackson, 14th July.

Ensign—1863: George Cruickshank, 14th July.

ONEHUNGA RIFLE VOLUNTEERS.

Captains—1863: Frederick Morris Preston Brookfield, 22nd July; Robert Farmer, 29th July.

Lieutenant—1863: Richard Kelly, 19th August.

Ensign—1863: Lewis Harris, 16th September.

ONEHUNGA NAVAL VOLUNTEERS.

Lieutenant—1863: Thomas Parnall, 17th August.

Sub-Lieutenant—1863: David Hutchinson, 19th August.

MAUKU RIFLE VOLUNTEERS.

Lieutenant—1863: John Thomas Mellsop, 2nd December.

PAPAKURA VALLEY RIFLE VOLUNTEERS.

Captain—1863: George Gardiner, 27th July.

WAIROA RIFLE VOLUNTEERS.

Ensign—1864: Joseph Cochrane, 5th July.

WELLINGTON.

MILITIA (1ST BATTALION.)

Captains—1860: John S. Kirwan (Adjutant), 12th March; Edward Battersbee, 19th April; George Hunter, 21st July. 1863: John Hugh Bethune, 6th June; Charles Bonnythorne Borlase, 8th June; Charles William Shultz, 9th June; Charles Daniel De Castro, 13th November. 1864: Alfred Hickson, 24th June; Robert Hunter, 25th June; John Tully, 27th June; Walter Johnston, 28th June.

Lieutenants—1863: Richard Septimus Ledger, 5th June; Edward Pearce, 9th June; David Brown, 13th November. 1864: Houston Francis Logan, 24th June; Robert Phrazyn, 25th June; Frederick Hickson, 27th June.

Ensigns—1863: Frederick Arnold Baker, 6th June; Joe Dransfield, 8th June. 1864: Harry Bowler, 5th May; James Carter, 24th June; George Henry Luxford, 25th June. 1865: J. C. Boddington, 8th March.

Paymaster—1863: John S. Kirwan (Captain), 2nd June.

Adjutant—1860: John S. Kirwan (Captain), 2nd June.

Surgeon—1860: Charles France, 12th March.

MILITIA (2ND "HUTT" BATTALION.)

Captains—1860: Alfred Ludlam, 20th July. 1863: William Beetham, 10th June; James Cruickshank, 11th June; John Grace, 12th June. 1864: Hugh Cleland (Adjutant), 23rd February.

Lieutenants—1860: Henry Lynch, 21st July; Arthur Braithwaite, 23rd July. 1864: Richard Barton, 28th April.

Ensign—1864: Stephen Smith, 12th May.

Adjutant—1864: Hugh Cleland (Captain), 23rd February.

Surgeon—1863: Leonard Boor, 3rd August.

WAIKARAPOA MILITIA.

Captains—1864: Hugh Cleland (Adjutant), 23rd February; Burton Boys, 11th August.

Lieutenant—1864: Henry Braithwaite, 11th August.

Ensigns—1863: George F. Smith, 20th August.

Adjutant—1864: Hugh Cleland (Captain), 23rd February.

Surgeon—1863: Henry Thomas Spratt, 3rd December.

WAIKARAPOA CAVALRY VOLUNTEERS.

Captain—1863: W. Hodgson Donald, 26th October.

Lieutenant—1863: Thomas Collins, 26th October.

Adjutant—1864: H. Cleland (Capt.), 23rd February.

RIFLE VOLUNTEERS.

Captains—1862: Hugh Cleland (Hutt Company), 24th March. 1863: Henry Taylor (Porirua Company), 21st August; Richard Fairbrother (Carterton Company), 18th September; J. Valentine Smith (Masterton Company), 19th September; Henry Bunny (Featherstone Company), 21st September; J. E. Ind Boys (Grey Town Company), 22nd September.

Lieutenants—1862: Thomas Mills (Hutt Company), 3rd December. 1863: Edward Mills (Wellington Company), 20th August; James Taylor (Porirua Company), 21st August; Thomas Hooker (Carterton Company), 18th December. 1864: William Udy (Grey Town Company), 15th February; Robert Hare (Masterton Company), 7th September. 1865: C. W. Jackson (Featherstone Company), 31st August.

Ensigns—1862: William Alfred Fitzherbert (Hutt Company), 3rd December. 1863: William H. Holmes (Wellington Company), 20th August; William Broderick (Porirua Company), 21st August; James Laydon (Carterton Company), 18th September. 1864: Thomas Kempton, jun., (Grey Town Company), 15th February; Walter Perry (Masterton Company), 7th September.

Adjutants—1863: John S. Kirwan (Captain, Wellington), 2nd June. 1864: H. Cleland (Captain, Hutt and Wairarapa), 23rd February.

Surgeon—1862: Leonard Boor (Hutt), 25th March.

TAITAI RIFLE VOLUNTEERS.

Captain—1863: William Whitewood, 3rd December.

Lieutenant—1863: William Read Welch, 3rd December.

Ensign—1864: George Hedges, 11th August.

CASTLE POINT RIFLE VOLUNTEERS.

Captain—1863: Thomas Guthrie, sen., 21st October.

RANGITIKEL.

CAVALRY VOLUNTEERS.

Major-Commanding—1863: John William Marshall, 31st August.

Captain—1865: Maillard Noake, 21st July.

Lieutenants—1864: Lawrence Daniell, 1st June. 1865: G. A. H. Ross, 21st July.

Cornet—1864: Joseph William Jordan, 20th July.

RIFLE VOLUNTEERS.

Captains—1863: N. E. Beamish, 11th June; Cornelius Champion, 4th September; Joseph Wilcox, 22nd September. 1864: J. H. Hurst, 19th September. 1865: J. Lambert, 21st July.

Lieutenants—1863: A. Cameron, 11th June; Alexander Winks, 4th September. 1864: H. Wilcox, 6th July; H. Moore, 19th September. 1865: C. Galpin, 21st July.

Ensigns—1863: George Wheeler, 4th September; D. Cameron, 19th September. 1864: J. Johnston, 6th July; R. Wilson, 19th September.

Adjutant—1865: Captain J. Jordan, 26th July.

WANGANUI.

MILITIA.

Lieutenant-Colonel—1865: Ed. Gorton, 19th July.

Major—1865: John Nixon, 9th March.

Captains—1860: Thomas Kells, 30th June. 1864: George Fisk, 26th May. 1865: H. L. Peake, 1st February; W. Powell, 2nd February; H. L. Jones, 3rd February; H. B. Roberts, 7th March; Frederick Ross, 17th August.

Lieutenants—1861: Frederick Parks, 21st December. 1864: John Peake, 25th May; William Finnimore, 3rd June. 1865: Ed. Broughton, 1st February.

Ensigns—1861: J. W. Jordan, 20th November; John Liddell, 21st December; Robert Campbell, 23rd December. 1864: John Tylson Wicksteed, 2nd June; William Sergeant, 17th June; William Weston, 5th July. 1865: C. Smith, 1st February; J. W. B. Castray, 13th April; G. D. B. Nowlan, 24th March; W. E. Gudgeon, 2nd September; Samuel Walker, 4th September; E. G. Christie, 16th October.

Paymaster—1865: Thomas Powell (Captain), 1st February.

Quartermaster—1865: T. W. Gudgeon (Lieutenant) 1st February.

Surgeon—1862: Geo. H. Gibson, 23rd September.

RANGITIKEL DIVISION.

Major-Commanding—1863: J. W. Marshall, 31st August.

Captains—1861: John Jordan, 20th November. 1863: Alfred Ross, 28th November.

Ensign—1864: George Nichols, 3rd June.

Adjutant—1865: John Jordan (Captain), 26th July.

CAVALRY VOLUNTEERS.

Lieutenant-Colonel—1865: Edward Gorton, 19th July.

Captains—1862: John Cameron (Wanganui), 12th June. 1864: Henry S. Harrison (Alexandria Troop), 6th September.

Lieutenant—1865: Henry Harpur, 15th May.

Cornets—1864: John Howie (Alexandria Troop), 6th September. 1865: Ewan Campbell, 15th May.

Surgeon—1862: Phillip Mussen, 12th June.

RIFLE VOLUNTEERS.

Captain—1863: James Allison (Caledonian Rangers), 16th April.

Lieutenants—1862: William Davidson (Victoria Company), 1st December. 1863: Alexander M'Gregor (Caledonian Rangers), 16th April.

Paymaster—1865: Thomas Powell (Captain), 1st February.

NAPIER.

MILITIA.

Lieutenant-Colonel—1864: George Stoddart Whitmore, 12th September.

Major—1863: Charles Lambert, 28th November.

Captains—1863: George Guavas Carlyon, 30th June; Edward Withers (Adjutant), 1st July; Joseph Rhodes, 6th July; Alexander Kennedy, 7th July; Michael FitzGerald, 8th July; Jasper Lucas Herrick, 9th July; Azin Salvator Birch, 15th October. 1864: Donald Gollan, 4th May; Henry Robert Russell, 19th May; James Frazer (Brevet-Major) 23rd September, 1865 8th August. 1865: William Henry Hunter, 10th April.

Lieutenants—1863: Edward Spencer Curling, 4th July; James Anderson, 6th July; John Nathaniel Wilson, 7th July; Edward Take, 8th July; George Edward Gordon Richardson, 9th July. 1864: Alexander Grant, 5th May; James Nelson Williams, 19th May; Vautier Janisch, 29th July. 1865: John Nairn, 10th April; Cartwright Brown, 19th April; William Ferguson, 20th April; James Wilson, 20th July.

Ensigns—1863: Michael Brown, 9th July. 1864: Boswell Danby Danvers, 4th May; Sydney Johnston, 5th May; William Routledge, 19th May; Alexander Inglis, 29th July. 1865: Alfred Chapman, 19th April; William Airy Richardson, 20th April; Charles Cotton Lambert, 25th May; Frederick J. W. Gascoigne, 20th July.

Adjutant—1863: E. Withers (Captain), 1st July.

Surgeon—1863: Thomas Hitchings, 4th August.

Assistant-Surgeons—1864: Alexander Todd, M.D., 28th October. 1865: Frederick F. Ormond, 29th May; Thomas F. Baker, 2nd September.

CAVALRY VOLUNTEERS.

Lieutenant-Colonel—1864: G. S. Whitmore, 12th September.

Major—1865: Charles Lambert, 1st June.

Captain—1864: Thomas Tanner (Waipawa), 22nd July.

Lieutenant—1864: John Russell Duncan (Waipawa), 22nd July.

Cornet—1864: Frederick Martin Chapman (Waipawa), 22nd July.

RIFLE VOLUNTEERS.

Captain—1863: John Buchanan, 4th August.

Lieutenant—1863: Alexander Browne, 4th August.

Ensigns—1863: James Irvine, 4th August. 1865: Thomas A. Pearce, 22nd April.

Adjutant—1863: Edward Withers (Captain), 1st July.

TARANAKI.

MILITARY SETTLERS.

Lieutenant-Colonel—1864: Maxwell Lepper, 17th September.

Majors—Frederick Clinton H. S. Baddeley, 19th February. 1865: Willoughby Brassey, 3rd April.

Captains—1862: Walter John Morrison, 4th December. 1863: William Bazire Messenger, 27th July; James Scott M'Kellar, 1st September; Francis Joseph Macs, 2nd September; John Glasford Corbett, 3rd September; Edward Carthew, 23rd November. 1864: Andrew Matthew Adolph Page, 25th February; William Percival, 12th March; Daniel Pennefather, 21st April; George J. Cumming (Adjutant), 2nd December. 1865: Thomas Wilson, 18th July; William Newland, 19th July; Charles Everett, 18th August; William Hussey, 21st August; Joseph Hines Clarke, 2nd September.

Lieutenants—1863: John Kelly, 2nd September; Robert Piteairn, 4th September. 1864: Bamber Gascoigne, 20th January; George Johnson Gosling, 20th February; William George Pring O'Callaghan, 7th March. 1865: Albert C. Fookes, 7th July; Henry Allan Clery, 18th July; Jonathan Bear, 19th July; Henry P. Chapman, 21st August.

Ensigns—1863: Charles James Messenger, 1st September; Peter Macfarlane, 5th September. 1864: Arthur Harley, 18th January; Martin G. Roddy, 25th January. 1865: Reginald Bayley, 2nd March; Charles J. Hutchinson, 16th May; Louis Von Rotter, 14th June; Henry W. Northcroft, 28th June; John Norman, 17th August.

Paymaster—1864: Thomas Hempton (Captain), 1st March.

Adjutant—1864: George J. Cumming, 2nd December.

Inspector of Musketry—1865: J. Hines Clarke (Captain), 2nd September.

Quartermaster—1864: Robert Collins, 22nd February.

Assistant-Surgeons—1863: Hulton Joseph Webber, 23rd September. 1864: James Benjamin Fraser Suther, 17th May.

MILITIA.

Lieutenant-Colonel—1864: Maxwell Lepper, 17th September.

Majors—1864: Harry Albert Atkinson, 20th February; Charles Brown, 17th November.

Captains—1859: Charles Stapp (Adjutant), 2nd April (Brevet-Major, 17th July, 1865). 1862: John Henry Armstrong, 5th December; M. Jonas, 8th June. 1864: James Hirst, 25th October; Robert Chisenhall Hammerton, 29th October. 1865: Fred. L. Webster, 1st March; Garland Wm. Woon, 2nd March; Arthur Standish, 3rd March.

Lieutenants—1863: Wm. Black, 21st October. 1864: Wm. Free, 8th June. 1865: Courtenay Melmoth Kingdon, 1st March; Henry Brown, 2nd March; William Tatton, 17th May; Decimus Atkinson, 1st June.

Ensigns—1864: Thomas Humphries, 8th March; M. Carrick, 6th July. 1865: J. R. Lawson, 6th February; William Berridge, 1st March; Wm. Stanley Ginger, 3rd March; John Shaw, 4th March; Thomas Kelly, 17th May; Thomas Wills, 1st June; Dunlop Gloag, 21st August.

Paymaster—1864: Thomas Hempton (Captain), 1st March.

Adjutant—1863: Charles Stapp (Captain), 3rd June.

Quartermaster—1861: Henry Jones, 1st June.

Surgeon—1859: Thomas Rawson, M.D., 29th August.

MOUNTED VOLUNTEERS.

Lieutenant—1864: Thomas M'Guinness, 5th July.

Cornet—1864: William Johnstone, 5th July.

RIFLE VOLUNTEERS.

Captains—1864: Matthew Jonas, 8th June. 1865: William Black, 6th February.

Lieutenants—1864: William Free, 8th June. 1865: Matthew Jenkins Jones, 6th February.

Ensigns—1864: Matthew Carrick, 6th July. 1865: John Richard Lawson, 6th February.

Adjutant—1859: Charles Stapp (Captain), 2nd April.

NELSON.

MILITIA.

Captains—1860: Donald Sinclair, 27th February; John W. Lockett (Adj.), 30th March; William Thomas Locke Travers, 31st March; Frederick

Horniman, 2nd April; James McKay, 3rd April; Nathaniel Morse, 4th April; John Barnicoat, 5th April; Samuel Kingdon, 6th April; Hugh Martin, 7th April.

Lieutenants—1860: Frederick Huddleston, 2nd April; Herbert Evelyn Curtis, 3rd April; Andrew James Richmond, 4th April; William Wells, 5th April; John Fedor Augustus Kelling, 6th April; Robert Cressy, 9th April; John Agers, 10th April. 1863: William Norris Franklyn, 21st October.

Ensigns—1860: Maxwell Bury, 2nd April; Arthur Collins, 3rd April; John Oldham, 4th April; Conrad Saxton, 5th April; Charles Redwood, 6th April; Augustus Wyergang, 7th April; Francis T. M. D. Walmesley, 10th April.

Paymaster—1860: John Poynter, 27th February.

Adjutant—1860: John W. Lockett (Capt.)

Quartermaster—1860: John Poynter, 27th February.

Surgeon—1860: Thomas Renwick, 28th February.

RIFLE VOLUNTEERS.

Captains—1862: Frederick E. Horneman (Motueka No. 4), 5th June; Robert Malcolm (Richmond No. 2), 6th June. 1864: Joshua Bird (Waimea S. No. 3), 5th July; William Charles Hodgson (City No. 1), 25th July; Henry E. Tuckey (Waimea W. No. 5), 26th August.

Lieutenants—1863: William Everett (City No. 1), 13th March; Frederick Guerin (Motueka No. 4), 7th June. 1863: Thomas Hunt (Richmond No. 2), 19th November. 1864: Alfred Baigent (Waimea S. No. 3), 5th July; Frederick Blundell (Waimea W. No. 5), 26th August.

Ensigns—1862: Daniel Slater (City No. 1), 13th March; George Harding (Motueka No. 4), 5th June. 1863: James Taylor (Richmond No. 2), 19th November. 1864: George Rutherford (Waimea S. No. 3), 5th July; William Kent (Waimea W. No. 5), 26th August.

Surgeon—1862: William H. Dakers (Nos. 2, 3, and 4 Co.), 8th July; Samuel Athanasius Cusack (No. 1 Co.), 7th August.

Adjutant—1862: J. W. Lockett (Capt.), 12th February.

MARLBOROUGH.

MILITIA.

Commandant—1862: Capt. William D. H. Baillie (Adjt.), 1st February.

Captains—1863: William Aylmer Thomas Kenny, 30th October. 1865: Charles Redwood, 2nd October.

Lieutenants—1865: T. N. E. Kenny, 2nd October; T. M. Humfreys, 3rd October.

Adjutants—1862: William Douglas Hall Baillie (Capt.), 1st February. 1865: Julius D. Tripe, 20th October; L. K. Horne, 3rd October.

RANGERS VOLUNTEERS.

Captain—1862: William Douglas Hall Baillie, 21st March.

Lieutenants—1862: John Tucker Robinson, 21st August. 1865: George Lilly Mellish, 22nd March.

Adjutant—1862: W. D. H. Baillie, 1st February.

CANTERBURY.

MILITIA.

Captain—1860: George Armstrong (Adjt.), 4th June.

Adjutant—1860: George Armstrong (Capt.), 4th June.

Surgeon—1861: Thomas Fisher, M.D., 6th July.

YEOMANRY CAVALRY.

Captain-Commandant—1864: Henry Elmhirst Reader, 26th October.

Captains—1864: John Cracroft Wilson (C.B.), 26th October; William Thomson, 27th October. 1865: William Sefton Moorhouse, 30th January.

Lieutenants—1864: Musgrave William Anderson, 26th October; Colin Campbell Aikman, 27th October.

Cornets—1865: Charles Merton Ollivier, 31st January; Henry Packer, 18th October; Frederick Strouts, 19th October.

ARTILLERY VOLUNTEERS.

Lieutenant—1865: William Henry Hargreaves.

ENGINEER VOLUNTEERS.

Captain—1865: William F. Moore, 17th November.

Lieutenants—1865: Alexander Lean, 17th November; Robert P. Crosbie, 18th November.

RIFLE VOLUNTEERS.

Major—1862: Thomas Woolaston White, 1st February.

Captains—1862: John Fuller (No. 5), 21st March; Hugh Percy Murray-Aynsley (No. 3), 24th March. 1864: Crosbie Ward (No. 1), 26th October; George Packe (No. 2), 27th October. 1865: William Jukes Steward (No. 6), 8th April; George Holmes (No. 8).

Lieutenants—1864: Charles Cook (No. 1), 26th October; Richard J. S. Harman (No. 2), 27th October. 1865: Joseph Beswick (No. 5), 9th January; Edwin C. Hilton (No. 6), 8th April; Edward Dobson (No. 8).

Ensigns—1862: Edward Watson Tippets (No. 1), 21st March; Sydney E. Wright (No. 3), 1st November. 1865: George Crawford Black (No. 5); 9th January; Robert Dawson, (No. 6), 8th April; G. Fitzmaurice (No. 8).

Surgeons—1862: Samuel Beswick, M.D. (No. 5), 4th March; John Thomas Rouse (No. 3), 22nd March. 1864: Courteney Nedwill, M.D. (No. 2), 24th April.

Adjutant—1862: George Armstrong (Capt.), 12th February.

O T A G O.

MILITIA.

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

Major—1864: John Cargill, 16th August.

Captain—1864: William Blake Graham (Adjt.), 2nd April.

Adjutant—1864: William Blake Graham (Capt.), 2nd April.

ARTILLERY VOLUNTEERS.

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

Captains—1864: Charles Gordon Ross, 19th February; William Blake Graham (Adjutant), 2nd April.

Lieutenant—1864: Alexander M'Farland, 25th November.

Surgeon—1835: Charles Henry Hardy, M.D., 8th March.

RIFLE VOLUNTEERS.

Captains—1864: John Bathgate, 25th October; Gibson K. Turton, 1st December. 1865: Richd. H. Leary, 1st February; John Larkins C. Richardson (Honorary High School), 4th May; Frederick Moss, 2nd August; Vincent Pyke, 3rd August.

Lieutenant—1864: William Kirkcaldy, 25th October. 1865: William Shand, 30th March; David Mann, 28th August.

Ensigns—1864: James Henry O'Loughlin, 5th April; Robert J. M. Hunter, 25th October.

VOLUNTEER NAVAL BRIGADE.

Captain—1864: Robert Paterson, 30th March.

Lieutenant—1864: William Stavely, 30th March. 1865: William Thompson, 2nd August.

Sub-Lieutenant—John B. Robertson.

Adjutant—1864: W. B. Graham (Capt.), 2nd April.

Surgeon—1865: Thos. Moreland Hockin, 9th March.

SOUTHLAND.

MILITIA.

Captain—1864: William James Balfour Junor (Adjt.), 11th August.

Adjutant—1864: William James Balfour Junor (Capt.), 11th August.

VOLUNTEERS.

Captain—1864: Wm. J. Balfour Junor, 11th August. 1865: James Harvey, 4th September.

Adjutant—1864: William James Balfour Junor (Capt.), 11th August.

FOREST RANGERS.

Majors—1864: William Jackson, 3rd April; Gustavus F. Von Tempsky, 4th April.

Lieutenants—1864: Charles Westrup, 11th February; J. M'Intosh Roberts, 10th March.

Ensigns—1864: A. S. Sherret, 10th March. 1865: E. O. Ross, 25th June.

NEW ZEALAND MILITIA.

Captains—1865: Reginald N. Biggs, 10th October; Arthur G. Smith, 23rd October.

Lieutenant—1865: Alexander Pilmer, 23rd October.

COLONIAL DEFENCE FORCE.

Commandants—1862: George Stoddart Whitmore (Napier) E, 1st July. 1863: James T. Edwards Wellington E, 30th July. 1864: James Walmesley (Auckland), 2nd June.

Inspectors—1863: Charles W. R. La Serre (Napier) E, 6th July; Richard B. Leatham (Wellington) E, 15th July; Charles Pye, V.C. (Auckland) E, 24th July; William Robertson (Wellington), 14th August; Samuel Deighton (do.), 1st September; Charles James Anderson (Napier), 2nd September.

Sub-Inspectors—1863: John Chapman St. George (Napier) E, 6th July; Charles Hudson (Napier) E, 11th July; Charles James Wilson (Auckland) E, 27th July; John Alexander Percy (Wellington), 2nd August; Paul Kingdon (do.), 3rd August; Thomas M'Donnell (Auckland), 6th August; David Hutchison (do.), 26th October.

Assistant-Surgeon—1863: Alexander Johnston (Wellington), 8th August.

OFFICERS HOLDING UNATTACHED COMMISSIONS, ALSO HOLDING APPOINTMENTS UNDER THE GENERAL GOVERNMENT.

Lieut.-Colonel—1862: Henry C. Balneavis, 4th February.

Majors—1864: Charles Heaphy (A.R.V.) 11th February. David Stark Durie (Wang. M.), 2nd May.

Captains—1859: James Coutts Crawford (W.M.), 15th August; 1863: William Robert Edward Brown (W.M.), 7th June; Charles Hunter M'Intosh (A.M.), 18th June; George Elliott Elliott (A.M.), 19th June; John Mitchell (A.R.V.), 25th June; John Curling (N.M.), 4th July; Alexander Charles Phipps Macdonald (A.M.), 24th July; George Sisson Cooper (Waipawa C.V.), 1st September.

Lieutenants—1860: John Sharp (N.M.), 7th April. 1862: George Taylor (A.R.V.), 3rd March; William Donald (C.R.V.), 25th March. 1863: Charles Mellsope (A.M.), 8th July; Joseph Moliere Tabuteau (A.R.V.), 14th July; Huntly John Harry Elliott (A.M.), 15th July; Benjamin Tonks (A.R.V.), 22nd July.

Ensigns—1863: James Dennis Kelly (A.M.), 8th July; Henry Freeman Andrews (A.R.V.), 14th July; Charles Durie (Wang. M.), 30th July.

OFFICERS HOLDING UNATTACHED COMMISSIONS IN THE NEW ZEALAND MILITIA, EMPLOYED ON SPECIAL SERVICE.

Captain—1863: William Thomas Hunt (A.M.), 28th August.

Lieutenant—1864: William Evans Turner (A.M.), 29th February.

Ensign—1863: Henri John Jones (A.M.), 19th December.

OFFICERS ON THE UNATTACHED LIST OF THE MILITIA IN NEW ZEALAND—UNEMPLOYED.

Colonels—1860: Thomas Rawlings Mould, C.B. (A.M.), 5th April. 1863: Charles Sillery (A.M.), 30th July.

Lieutenant-Colonels—Henry Matson (A.M.). 1860: William Henry Kenny (A.M.), 2nd April.

Majors—1860: Charles St. John Herbert C.B. (T.M.), 28th February; G. W. D. Hay (A.M.), 18th March. 1865: Robert Parris, 6th May.

Captains—1860: John Jernyn Symonds (A.M.), 27th April. 1863: Thomas Good (T.M.), 11th June; William Smith Atkinson (T.M.), 11th June; Wellington Carrington (T.M.), 11th

June; Goldwin Roberts Breton (A.M.), 8th July; Charles Chamberlain (A.M.), 23rd July; George Patrick Pierce (A.M.), 23rd July; Hugh Reid (A.M.), 24th July; Daniel Henderson Lusk (A.M.), 12th December. 1864: Thomas M'Donnell (A.M.), 18th March. 1863: Charles Jno. Taylor, 21th June. 1865: William M'Kechney, 6th February. 1862: David Porter, 2nd June.

Lieutenants—1863: Henry Eyre Kenny (A.M.), 27th June. 1864: Fred. Duke Yonge (A.M.), 15th February. 1863: Joseph G. Holdsworth, 20th November. 1865: Arthur Bayley, 3rd March. 1864: Charles P. Sisson, 18th January.

Surgeon—1860: Thomas Moore Philson, M.D. (A.M.), 26th April.

CANTERBURY.

NARRATIVE OF EVENTS FOR THE YEAR 1865.

In reviewing the events of the past year, it is necessary to glance at the position of the province towards the close of 1864. We had then just passed through a period of prosperity unexampled in our annals. The wise administration of our Waste Land Regulations had brought within our borders much of the capital attracted by the rich Goldfield, now on its wane, that exists in a neighbouring province. Our own resources, independent of this stimulus, had multiplied equal to the most sanguine expectations. At the time we are now speaking of, we found our population had doubled itself in three years. Our imports and exports exceeded in value those of any other province in New Zealand, save one, and we were possessed of a vast and unimpaired estate in waste lands, which seemed sufficient to guarantee the advancement of the province in a corresponding ratio for many years to come. With this prosperity, however, came requirements that, with a less rapid development, would not have been felt. Railways, secure harbours for shipping, expensive bridges, telegraphs, and other costly appliances of modern progress were deemed necessary, and their accomplishment undertaken and pushed forward with vigour. In the meantime the stagnation of commerce in England began to make itself felt. A ruinous native war obliged the General Government of New Zealand to force upon that market an immense amount of paper, offering greater profit to the speculator than the Provincial Government were willing to pay. The season was unpropitious; the capitalists of England confounded the unsubstantial security offered by the General Government with the more solid resources of our infant province; our loans became almost unnegotiable; our public works were impeded; and a season of mercantile depression has ensued which may now, at the present time, be considered at its extreme. But, notwithstanding these adverse circumstances, if we cannot congratulate ourselves on unmitigated prosperity, we may at least boast that, after all, the position of the province is as good as ever; our credit, shaken by circumstances over which we had no control, is being recognised where we most care that it should, and although extraordinary calls have been made upon the public purse during the past year, we have met them promptly, and can now look forward to a rich contrast to our past difficulties.

Two or three years ago the discovery of a rich goldfield in Otago gave rise to considerable discussion as to the probability and desirability of a similar source of wealth existing in Canterbury. The general opinion seemed to be, as far as we can gather, that Canterbury had no Goldfield, and that if she had it would be a misfortune rather than otherwise. We professed to be content with the indirect but considerable benefit derived from our neighbour's experience in that respect, without the expense of administration that such a discovery would entail upon us. This, however, did not prevent our coquetting with fortune. Liberal rewards were offered by Government and private parties for the discovery of a Canterbury Goldfield. A Geologist of repute was employed in vain searching for the precious metal; and when at length, in the early part of last year, it was proved beyond dispute that we possessed a Goldfield, which promised to exceed in richness any hitherto found in New Zealand, we resigned ourselves to our fate, and indulged in the most glowing anticipations of a golden future.

That our anticipations have not been exactly fulfilled is no fault of ours. No effort has been wanting to utilise the vast stores of wealth which have been opened on our western shores. An additional enormous expenditure has been saddled on the province by the late discovery, but it must be confessed as yet without

any adequate return. Works, whose magnitude are not equalled in the whole of New Zealand, have been inaugurated in order to connect the Goldfield with the eastern part of the province; an expenditure startling in the sum of its total is going on day after day, and must inevitably continue for many months, if not years to come, in the endeavour to bring nearer the auriferous and the agricultural districts; and this, too, when it was deemed almost impossible to meet the ordinary requirements of the province.

It may be truly said that never before has this province been placed in so critical a position. With no doubts as to the elasticity of its resources and its final prosperity, it would be unwise to shut our eyes to the fact that we are now arrived at a point when the utmost wisdom is required in those who have the direction of our affairs, and careful statesmanship alone can save us from being involved in the general bankruptcy which seems impending over the rest of the colony.

It is not our intention to discuss the manner in which the Maori war has been conducted; we can only stay to mention that so much dissatisfaction has been created by the proceedings in the North Island, that the project of Separation has been revived in the South by a body called the Middle Island Association, whose head-quarters are at Christchurch. They number several influential names in their ranks, have established a well-organised system of agitation, and entertain sanguine hopes of success.

The first great public work of the province was the Lyttelton and Christchurch Railway, which was commenced in July, 1861. Since that time a section of the railway has been in remunerative work, and the Moorhouse Tunnel, the main feature of this undertaking, has been progressing steadily. The hardness of the rock encountered has greatly impeded the work, but at the end of November we find that, out of a total length of 2834 yards, 1079½ yards have been driven from the Port side, and 1130½ yards from the Heathcote, leaving a balance of 615 yards yet to be driven before its completion, which is estimated to occupy from ten to eighteen months, according to the nature of stone met with.

The insecure state of Lyttelton harbour, which is the only outlet to the eastern part of the province, has long been a source of anxious consideration. Works involving a very large expenditure were recommended by a special commission of scientific gentlemen in England, to whom the matter was referred. The Government, while recognising their advisability, found themselves unable to proceed as recommended from want of funds. A modified plan has, however, been proceeded on. The old jetty is to be partially rebuilt and extended; a wharf and embankment are to be constructed from the railway embankment to the old jetty; a jetty is to be erected for the accommodation of steam lighters at the western end of the new jetty; and a stone breakwater is commenced at Officers Point, on the line recommended by the Harbour Commission. The estimated cost of the whole amounts to £40,000. With the exception of the breakwater, the works have been contracted for, the contractors accepting half-cash in payment, and the balance in 6 per cent. Provincial Debentures at par; the work to be completed by July, 1866.

On the 31st of March, the first lighthouse erected in Canterbury was in operation. It is on Godley Head, a bluff at the entrance of the harbour. The building is of stone; it stands at an elevation of 400 feet above the sea; it is 32 feet high, the light itself is 426 feet above the sea. It is cata-dioptic; the rays are diffused by a three-wick lamp, on the French moderator principle. The wicks are parallel, and transmitted to the line of the horizon by circular belts, or lenses, of thick glass. The lamp is self-acting, and requires very little attention; the lenses, being once fixed, can never be put out of order. The whole lighting apparatus is enclosed in a large glass lantern. The frame is of gun metal, and the panes, thirty-six in number, of plate-glass half-an-inch thick; the roof, gutters, and weathercock are all of copper; the lining of the roof, the railings, and pedestal plates being of iron. The stonework terminates in a cornice, on which the whole of the ironwork rests, being held down by Lewes bolts, and surrounded by an ornamental iron railing, for the convenience of the lightkeepers. The light is visible for thirty miles, in clear weather. The total cost of the works is about £3000.

During the year ending 31st December, 1864, the number of ships inwards to the port of Lyttelton was 97, of an aggregate tonnage of 37,791 tons, conveying 3250 passengers. The total value of imports in the same period was £853,434; exports, £406,301; the duty collected was £73,026 10s 4d. The returns for 1865 are not complete, but in round numbers the imports may be stated at £625,000; exports, £500,000; duty collected, £90,000. This is exclusive of the returns from Hokitika, the capital of the Goldfields, of which we shall speak at more length in another place. During the wool season ending May, 1865, there were exported from Canterbury 20,394 bales of wool and 5790 skins, of the declared value of £448,690, against 17,682 bales wool, 9984 skins, of the value of £411,442, exported in 1864.

The first sod of the Southern Railway, intended to connect the capital with Timaru and adjacent country, was turned on 24th May. The contract as far as the Rakaia, a distance of thirty miles, has been let to Messrs. Holmes and Co., the contractors for the Lyttelton and Christchurch line. This portion is to be completed in two years from date of commencement; the cost of the whole will be £200,000, the contractors to work the line six months after opening. The terms of payment are:—One-half in cash; one-quarter in debentures, at 90; and one-quarter in land, at £2 per acre.

An imposing suite of offices has been added to the Government Buildings at Christchurch. These comprise a new Council Chamber and refreshment rooms. They are built of stone, are of massive proportions, and are by far the finest buildings in Canterbury.

The other public works begun or proceeded with during the year, with the exception of those connected with the West Coast, are not of such an important character as to demand special notice. The Road Board

scheme is found to answer well, and, under the auspices of these bodies, the face of the country is gradually assuming a change for the better. A rather amusing contest took place between one Road Board and the constituents. The former had introduced a toll-bar on one of the roads under their control. The inhabitants of the district were violently opposed to this measure, and testified their feelings by small riots, which the obnoxious obstruction was twice demolished. A steady perseverance in their object, however, on the part of the Board, bore down opposition, and the Papanui toll-bar yet flourishes, a monument of the financial genius of the Avon Road Board.

Private enterprise has kept pace with the year. Many very fine places of business have been added to the buildings of the capital and country towns. Coming almost under the same denomination are two new stone churches in Christchurch. The Wesleyan church is a commodious and handsome structure, and credit to the body for whom it has been erected; the other, St. John's, Church of England, is a very pretentious little building, of considerable architectural pretensions, conveniently situated in the eastern centre of the city. The experiment of paid sittings is to be tried here for the first time by the Church of England. It is necessary to add that both these buildings received liberal grants from Government towards their erection.

The first stone of the foundations of the Cathedral at Christchurch was laid with great solemnity on 16th December, 1864, the anniversary of the foundation of the province. The foundations have since been completed under the superintendence of a Resident Architect, brought out from England for that purpose, but at present no signs of further progress appear. This is owing to the general complaint—want of funds.

On December 13, 1864, Christchurch was first lighted with gas, introduced by a private company. Its use has become very general, and we believe it is paying in a commercial point of view.

The Volunteer movement has received an extraordinary impetus. This, we believe, has been caused by judicious action on the part of the Provincial Government and partly by a declaration on the part of the General Government of its intention of calling out the Militia. Many who had insuperable objections to being forced into service therefore preferred the alternative, and became enthusiastic volunteers. A commodious drill-shed has been erected in Christchurch at the expense of the Provincial Government; suitable arms have been provided also by them, and prizes have been offered to stimulate their efficiency. The causes combined have produced a result very satisfactory. We are at present possessed of a Volunteer force, respectable in numbers, equipment, and efficiency, and who seem thoroughly to believe in the importance of the movement. A novel feature in our volunteering has appeared during the past year. Encampments have been formed at Hillsborough, three miles distant from Christchurch, at which all the Volunteers of the province have been strongly represented, and which have been carried out to the credit, and the satisfaction of everybody concerned.

Immigration has not been so brisk as formerly. In view of the slackness of business, the Government exercised a wise discretion in restricting their operations in this department to a very limited number. It is found also, we imagine, that the time is approaching when this province must become independent of Government aid to swell our population. With the exception of one description of labour, it is a question worthy of consideration whether assisted immigration may not now be abandoned altogether. With our newly-found Goldfields, and those of our neighbours, it seems certain that our wants will be fully supplied without directly taxing our resources for that especial purpose. The exception alluded to is that of female domestics. Although, in this respect, the province is becoming in some measure self-productive, the influx of male population, and their general prosperity, demands a constant supply from without. This has been provided for. An advertisement announces that female domestics, of approved health and character, will be provided with free passages from England to Canterbury. For the information of those likely to avail themselves of this liberality, we may quote the wages obtained here, as published in the colony:—Housemaids, £30 to £35 per annum; cooks, £30 to £45; nursemaids, £25 to £30. Other descriptions of labour are at a corresponding ratio. Married couples (farming) obtain from £60 to £80 per annum, and rations; single men, £50 to £75, with rations; labourers, without rations, 6s to 8s per diem; mechanics, from 8s to 12s per diem. It must, however, be stated that, from various causes, the retail prices of provisions are as high or perhaps higher, than at any previous time for many years. We quote from published price currents:—Beef, 8d to 1s; mutton, 7d to 10d; pork, 8d to 9d; veal, 9d; butter (fresh), 1s 4d; milk, 2s per gallon; eggs, 1s 6d per dozen; bread, 1s 4 lbs.; potatoes, per cwt., 5s to 6s. These prices are quoted in December, in winter the dairy produce ranges much higher.

A census of the population in New Zealand, taken at the close of last year, gives the following results for Canterbury:—Males, 18,932; females, 13,321; total, 32,253, against 16,040 in 1861. Sheep, 1,567,320; horses, 10,868; cattle, 45,263. There were found to be 342,416 acres of ground fenced, of which 70,000 were under crop. These figures were, of course, before the Goldfield had been populated; and, indeed, everything we have hitherto spoken of relates only to East Canterbury.

In Provincial politics there has not been anything worth noticing, save the excitement caused by the approaching election for Superintendent. There are three candidates now canvassing votes for this office—Mr. Moorhouse, formerly in office, Mr. Travers, and Mr. Lance. The former, from his tried ability and general popularity, seems the favourite. The same Executive has remained in office the whole of last year, with the exception of Mr. Rolleston, who, dissatisfied with the railway policy of the Executive, and having

an opportunity of transferring his services to the General Government, retired in June. He has been replaced as Provincial Secretary by Mr. Edward Jollie, who, like his predecessor, is a youthful politician, this being his introduction to public notice.

A Special Session of the Provincial Council was held from 30th May to 7th June; the business transacted was the sanctioning of the contract with Messrs. Holmes and Co., for the Southern Railway, in so far as the part payment in land was concerned, and the passing sufficient supplies to carry on the Government till the ordinary session, which was postponed till after the rising of the General Assembly. It is proper to notice the retirement of Mr. Charles Bowen from the Speakership—an office which he long held with universal approbation. Mr. John Ollivier, another well-known old servant of the province, was elected unanimously to the vacant chair.

The Council are again in session (end of December, 1865), but the business they are occupied with is so nearly confined to measures connected with the Goldfields, that it is necessary to speak more fully of the latter before proceeding further.

The West Coast of the Middle Island has been long known to be auriferous. The River Buller, in the province of Nelson, has even yielded gold in considerable quantities for some years, but not to a sufficient extent to create any considerable influx of population. It appears that some parties, whose business led them to the coast in the neighbourhood of the mouth of the Teramakau, were so convinced of the gold-bearing character of the district, that an expedition was fitted out specially for the purpose of testing the fact. This was shortly after the discovery of gold in Otago, and at a time when the Canterbury Government were offering a reward of £1000 for the discovery of a payable field in this province. The party sailed, and, after some time, forwarded a sample of gold to Christchurch, said to have been got at the place already mentioned. Their account was received with incredulity, and the reward was not awarded to them; indeed, no active steps were taken by the Government to prove the truth or otherwise of their claim. It is a singular fact that, though Canterbury was so anxious to have a goldfield of her own, yet the reports circulated by this party, and by many succeeding adventurers, were systematically ignored; people really would not believe in the possibility of their wishes being realised; and it must be confessed that the first development of the West Canterbury Goldfields was accomplished by the energy and capital of other provinces. Some explanation of this is to be found in the fact that the West Coast was, before this discovery, almost a *terra incognita*. Various efforts had been made on the part of Government to penetrate thither from the eastward, some of which were attended with eminently disastrous results; and at last it seemed conceded that, with the exception of the route by the water-courses of the Hurunui and Teramakau, no means existed by which communication could be carried on between the coasts. A superficial examination of the country had been made, but this to a very limited extent. The West Coast was believed to present a rock-bound and imperious shore, destitute of harbours, a region of perpetual storms, shunned by mariners, and impenetrable by land; where stupendous cliffs, crowned to their summits with dense forests of a strange vegetation, and washed at their base by fathomless waters, fringed an interior of snow-clad mountains and turbulent rivers, over which reigned a solitude broken only by the undisturbed cries of a thousand unknown birds. The natives inhabiting other parts of the island have weird and awful traditions connected with the West Coast. According to them, demons infest its mysterious solitudes, and vague histories are given of a tribe of wild Maoris, who, almost bereft of all resemblance to human beings, drag out a loathsome existence buried in its recesses. In short, twelve months ago, we knew as little of the country that is now teeming with population, as if it had been thousands of miles distant; and what was known only served to discourage the peaceful and unambitious trader, accustomed to the fertile plains and genial climate of Old Canterbury. It is as well to add here, that the large and increasing commerce that has followed the gold discovery has eluded the grasp of Canterbury merchants, and is now wholly in the hands of immigrants "who know us not;" for, while the old settlers were idly discussing the merits of this or that overland route, and calling on the Government to point out the way in which themselves should be enriched, outsiders poured in goods by sea, notwithstanding the bad character of the coast, and completely shut that market to its legitimate providers.

The first rush took place in January-February to the Greenstone Creek, or Hohonu river, a tributary of the Teramakau; the finds there were of sufficient promise to attract a large number of diggers from the adjacent provinces; and when their researches were rewarded by the discovery of the precious metal at the Waimea, Kanieri, Hokitika, Totara, Wanganui, Mikonui, and numberless nameless streams, the fame of the new diggings produced the usual results, and a flood of immigration from the other colonies set in, which is still pouring in population with extraordinary rapidity. Latterly the coast further to the north has proved very rich in gold, and it is now known that, from the River Grey, north, to Bruce's Bay, south—an extensive district—is one vast goldfield.

The quantity of gold exported from its first discovery to the 30th November, is 187,560 ozs., value about £750,000. The revenue accruing from this source is £23,500; the period over which the export extended was eight months. The population of the goldfields may, in the absence of official returns, be estimated at 30,000, or about the same as the eastern portion of the province possesses, and it is probable that in six months the population will have doubled itself.

As we have before hinted, the importance of the discovery was at first hard to realise. Warned by the delusive character of similar discoveries in neighbouring provinces, the Government left the matter very much to itself. It is true that, slightly moved by the languid stimulants administered by their

constituents, they expended two or three hundred pounds in improving the Hurunui route, and caused the destitute state of the intervening country to be advertised; but for a long time no other steps were taken. At last, however, it became evident that the case was too urgent to admit of further delay, and reconnoitring parties were sent out in every direction, with the hope that some more favourable route would be found than the one already known. It was at that time supposed that if a dray road could be constructed between the coasts, the whole of the traffic necessary to the new country would flow through that channel. The Government now seemed in earnest, and spared no expense in the requisite direction. An amateur party, even, who have since become historical under the title of the "pic-nic," were subsidized and otherwise assisted in their ardent search for a practicable pass through the dividing range, which, however, in their case, was without result. The Chamber of Commerce also offered a liberal reward, under some restrictions, for the same service, but also without result. The Government were, however, more fortunate; for, after much preliminary examination, it was finally announced that a pass, first discovered by Mr. Arthur Dobson, via the Upper Waimakariri, the Bealey and Otira, had been found to present the most advantageous, or rather the least difficult, line for a dray road across the island. On this determination, the greatest energy was displayed to make it available; and although commenced in the middle of winter, and carried on in an almost inaccessible country, destitute of supplies of any kind, the work has proceeded steadily, and at the time of writing is completed for two-thirds of the distance. It is almost impossible in a brief sketch to give any adequate idea of the difficult nature of this work. The road from Hokitika to Christchurch—the *termini*—is about 160 miles long; for 90 miles of that distance it passes over a succession of lofty mountains, precipitous ravines and dangerous rivers; portions of it are carried through tangled forests and swamps, which present engineering difficulties even more troublesome than the former portion. For 60 miles not a blade of grass is met with; nothing but rocks and hills piled up in inextricable confusion, single beds, forest and rivers. And these are not all. Here the traveller finds himself in a region of almost perpetual storms; it is no exaggeration to assert that, nine months out of the year, it rains without cessation, and all the phenomena of the elements are exhibited on a scale rarely witnessed elsewhere.

Another route, by the Rakain, has also been discovered, and in some quarters was looked upon with much favour. The Government have spent a considerable sum in the endeavour to make it available; but, from more extended experience, it does not seem likely, from its great altitude, to be of much practical use except for driving over stock.

The greatest centre of population at the West Coast is Hokitika, which is situated at the mouth of the river of that name. It has a dangerous bar harbour, where, in its early days, an extraordinary loss of vessels and property took place; as, however, the place has become better known, and the navigation improved, the casualties have almost entirely ceased, and Hokitika at present imports nearly the whole of the supplies for the West Coast: its population is estimated at 7000. Greymouth, on the River Grey, 21 miles north of Hokitika, may be called the northern centre; it is in the midst of very rich diggings, has a bar harbour similar to Hokitika, though of less capacity, and rivals Hokitika in population, which may be put down at 4,500. Waimea, nine miles N.E., Totara, Okarita, Mikonui, and Bruce Bay, south of Hokitika, are also flourishing diggings; in fact, it is harder to say where the ground in this favoured country is not auriferous than the contrary.

This addition to the magnitude of the province threw a sudden burden on the Government, which brings us again to the transactions of the present session of the Provincial Council. We find that the estimated expenditure for the goldfields, in the financial (present) year 1865-6, is £170,392; the estimated receipts are £172,400; and for the other part of the province—Expenditure, £486,030; receipts, £514,795. Total for general account—Expenditure, 656,431; receipts, £687,195. Though these amounts may be modified, the result will not be wide of the figures given.

A rather important proposition will be submitted by the Education Commission, viz., the establishment of high class schools, endowed by Government with waste lands. It is only sought to establish one at present; it is to be in the country, and to be connected with a farm, where farming and agricultural chemistry may be taught. The scheme is looked on with favour, and will probably be brought into operation. The adjustment of the claims of the various sections of the province on the general land fund, and the construction of machinery for the proper government of the new portion of the province, will be the chief employment of the Council the remainder of the session; and let us hope at their next meeting the wise measures passed now will have borne fruit, and tended to produce a healthier state of affairs generally than exists at present.

We have been pleased to watch the gradual opening up of another source of industry in this province—namely, the Canterbury Colliery, on the Kowai. Good and cheap fuel is sure to give an impetus to any new country; and this essential commodity exists, we are assured, in the province, to an extent little dreamed of. The workings of the above-named Colliery are, under the direction of the proprietor, conducted on the most approved principles, being well ventilated, and the water carried off by a drive a little above the water level of the river. The outlying districts already reap the advantage of cheap coal. It has been sold at the pit's mouth during the whole of the present year at twenty shillings per ton. Should the Railway or a Tramway be continued from Rolleston Station, on the Southern line, to the mines, then the price of coal in Christchurch would be reduced one-half or more. Every doubt now being removed as to the existence, capacity, and availability of these mines, time and circumstance will develop the resource to the advantage of the whole community.

The Interprovincial Telegraph has been opened during the year from the Bluff, at the extreme South, to Picton, in Cook's Straits. The first message was received in Christchurch from the Bluff and Dunedin on the 22nd of May, since which time the line has been in good working order. The Northern section, as far as Picton, has only just been opened, and the section which will complete the work to Nelson will most probably be opened in the middle of January.

The construction of a telegraph to the West Coast has been commenced by the Provincial Government. The line is complete and in operation to the Bealey, where a station has been built. From this point the erection of the line is being carried on under considerable difficulties, from the rugged nature of the ground to be traversed, and the number of rivers and creeks which have to be crossed. However, the wire is being rapidly pushed on to Hokitika, and by the time this is in the hands of our readers, Christchurch will be in direct communication with the Goldfields.

THE DISEASED CATTLE ACT.

The powers of the Governor under this Act are now delegated to the Superintendent of Canterbury, and he has, by Proclamation dated November 27th, 1865, declared the Colonies of New South Wales, Tasmania, Victoria, Queensland, South Australia, Western Australia, the Cape of Good Hope, and the Islands of Great Britain and Ireland, to be infected districts. Another proclamation bearing the same date appoints all that portion of the Province of Canterbury to the West of the Dividing Range, to be a quarantine ground under the said Act. Cattle from these infected districts may therefore be landed on the quarantine ground, under the following regulations:—

1. If any person shall import any cattle from either or any of the said infected districts, into the Colony of New Zealand, unless upon quarantine ground, and after having obtained from an Inspector of Cattle a quarantine certificate, he shall be liable to a penalty of fifty pounds for every head of cattle so imported into the Colony of New Zealand.
2. If any person shall land, or cause to be landed, or assist in landing any cattle coming from either of the said infected districts in or upon any part of the Colony of New Zealand, unless upon a quarantine ground, and after having obtained a quarantine certificate, he shall be liable to a penalty of fifty pounds for every head of cattle so landed.
3. It shall be lawful for, and the duty of any Inspector of Cattle, or Police Constable to destroy, or cause to be destroyed, any cattle which shall be imported or landed contrary to these regulations.
4. If any person shall wilfully impede or obstruct any Inspector of Cattle, or any Police Constable acting under the authority of these regulations, every person so offending shall and may be seized and detained by such person so acting as aforesaid, or any person or persons he may call to his assistance, until such offender or offenders can be taken before two Justices of the Peace, and shall be liable to a penalty of fifty pounds.

The Provinces of Otago, Southland, Taranaki, and Auckland are also declared infected districts, and the regulations applying to these are as under:—

1. If any person shall import, drive, or remove, or cause to be imported, driven, or removed, or assist in driving or removing any cattle from either of the said infected districts into the Province of Canterbury, except upon quarantine ground, and the authority of a quarantine certificate, such person shall be liable to penalty of fifty pounds for every head of cattle so imported, driven, or removed.
2. It shall be lawful for any Inspector of Cattle, or Police Constable to destroy, or cause to be destroyed, any cattle which shall pass into this Province from either of the said districts contrary to these regulations.
3. If any person shall wilfully impede or obstruct any Inspector, or any Police Constable acting under the authority of these regulations, every person so offending shall and may be seized and detained by such person so acting as aforesaid, or any person or persons he may call to his assistance, until such offender or offenders can be taken before two Justices of the Peace, and shall be liable to a penalty of fifty pounds.

CANTERBURY DIRECTORY.

PROVINCIAL GOVERNMENT.

Superintendent—His Honor SAMUEL BEALEY.

EXECUTIVE COUNCIL.

Hon. H. J. Tancrod, Hon. John Hall, E. Jollie,
W. P. Cowlshaw, E. C. J. Stevens, Esqrs.

PROVINCIAL SECRETARY'S DEPARTMENT.

Secretary—E. Jollie.
Assistant Secretary—A. F. N. Blakiston.
Clerks—T. B. Ambrose, C. Williams.

PUBLIC WORKS DEPARTMENT.

Secretary—Hon. John Hall.
Assistant Secretary—A. Lean.
Chief Clerk—George Turner.
Assistant Clerk—W. Jameson.

TREASURY DEPARTMENT.

Treasurer—G. A. Æ. Ross.
Clerk—N. P. Thompson.

AUDIT DEPARTMENT.

Auditor—W. Thomson.
Deputy Auditor—H. E. Alport.

Solicitor—W. P. Cowlshaw.

WEST CANTERBURY GOLD FIELDS.

Commissioner and Sub-Treasurer—G. S. Sale.
Wardens—W. H. Revell, C. C. Shaw, G. G. Fitz-
Gerald, Justin Aylmer.
Commissioner's Clerks—A. E. Tenant, G. Winter.
Warden's Clerk—A. R. Bloxam.

WASTE LANDS BOARD.

Chief Commissioner—W. G. Brittan.
Commissioners—T. Cass, R. Packer, R. J. S. Har-
man, Hon. John Hall.
Receiver of Land Revenue—G. A. Æ. Ross.
Clerk—G. A. Reade.

ENGINEER'S DEPARTMENT.

Chief Engineer—E. Dobson (Engineer to the Lyt-
telton and Christchurch Railway.)
Assistant Engineer—G. Thornton.
Surveyor—Jas. Crawford.
Architectural Draughtsman—W. E. Webb.
Clerk and Accountant—G. F. Maskell.
Office Keeper—B. B. Leathwick.

WEST COAST ROAD WORKS.

OTIRA ROUTE.

Resident Engineer at the Bealey—W. Blake.
Resident Engineer at the Teramakau—E. Blake.

RAKAI PASS ROUTE.

Resident Engineer—W. Greenlaw.

SURVEY DEPARTMENT.

ON THE EAST COAST.

Chief Surveyor—T. Cass.
Assistant Surveyor and Inspector of Pre-emptive
Rights—C. Davie.
District Surveyors—J. C. Boys, R. Shaw, C. Ff.
Pemberton, R. Townsend, and M. Fraser.
Assistant Surveyors—J. Boys and E. P. Sealey.
Road Surveyors—R. P. Bain and W. Kitson.
Chief Draughtsman—J. Williams.
Draughtsmen—J. Rochfort, J. Fussell, A. Jarman,
J. F. M'Cardell, H. S. May, R. S. Kelly, E. S.
Leversidge, and T. Perham.

ON THE WEST COAST.

District Surveyor—J. S. Browning.
Assistant Surveyors—E. Harman, E. H. Bold and
L. Smith.
Draughtsman—E. Hackett.

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.

HARBOUR DEPARTMENT.

Port Officer—F. D. Gibson.
Harbour Master, Lyttelton—A. Sproul.
Harbour Master, Akaroa—R. Greaves.
Harbour Master, Timaru—W. C. Beswick.
Harbour Master, Hokitika—Jas. Kerby.

POLICE DEPARTMENT.

Head Station—Constabulary Depôt, Armagh street
east. Commissioner's Office—Hereford street.
Commissioner—Robert Clarke Shearman.
Clerk—Henry Walsh.
Inspectors—P. Pender, Christchurch. T. Broham,
Hokitika.
8 first-class sergeants, 5 second-class sergeants, 11
third-class sergeants, 17 first-class constables,
20 second-class constables, 37 third-class con-
stables.

CHRISTCHURCH GAOL.

Gaoler—James Reston.
Chief Warder—Thos. Toppin.
Assistant Warder—E. Cotter.
Matron—Mrs. Toppin.

LYTTELTON GAOL.

Gaoler—James Reston.
Chief Warder—George Dale.
Assistant Warders—James Arnold, Daniel Fryer,
 Samuel Routledge, John Kidd, Henry and John
 Ferguson, E. Woodhead, T. J. Reston.
Overseer of Hard Labour Gang—W. P. Jones.
Matron—Mrs. Reston.

CHRISTCHURCH HOSPITAL.

Physician—(vacant.)
Resident Surgeon—H. H. Prins, M.R.C.S.
Dispenser—Mr. R. Cook.
Matron—Mrs. Cook.

LYTTELTON HOSPITAL.

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

LUNATIC ASYLUM.

Medical Officer—(vacant.)
Steward—E. W. Seager.
Matron—Mrs. Seager.

INSPECTION OF SHEEP.

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

OTHER OFFICERS.

Provincial Geologist—Julius Haast, Ph. D.
Meteorological Officer—R. L. Holmes.

Keeper of Public Records—A. F. N. Blakiston.
Education Commissioners—Hon. H. J. Tancred,
 Rev. J. Lillie, D.D., Josh. Brittan.
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—Jas. Kerley.
Inspector of Schools—J. P. Restell.
*Revising Commissioners of Road Board Assess-
 ments*—E. J. Lee, J. Brittan, and I. T. Cookson,
 Esqrs.
Administrator of Charitable Aid—R. R. Armstrong.
Inspector of Weights and Measures—R. Brunson.
Registrar of Brands—G. Turner.
Poundkeepers—Christchurch, Wilhelm Schmidt;
 Kaiapoi, M. Lynskey; Rangiora, J. W. Heath;
 Akaroa, R. Williams; Timaru, J. Melton; Ash-
 burton, W. Turton.

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

PROVINCIAL COUNCIL.

[The Council expires by effluxion of time early in 1866.]

MEMBERS.

Avon (4)—T. S. Duncan, E. M. Templer, J. Shand,
 W. P. Cowlishaw.
Akaroa (1)—R. Rowe.
Ashburton (1)—J. C. Wilson, C.B.
Bays (1)—M. P. Stoddart.
Christchurch (4)—R. Westenra, J. Ollivier, J. G.
 Hawkes, J. D. Macpherson.
Geraldine (1)—W. Gosling.
Heathcote (3)—W. S. Moorhouse, H. W. Williams,
 E. Jollie.
Lincoln (2)—C. Clark, H. E. Alington.
Lyttelton (4)—J. T. Peacock, G. Buckley, H. P.
 Murray-Aynsley, E. A. Hargreaves.

Mandeville (2)—J. Beswick, M. Dixon.
Mount Cook (1)—Hon. J. Hall.
Oxford (1)—T. W. White.
Port Victoria (2)—A. Hornbrook, J. G. Fyfe.
Rangiora (1)—J. Birch.
Rakaia (1)—F. E. Stewart.
Sefton (2)—T. W. Maude, J. D. Lance.
Timaru (1)—J. Hayhurst.
Waitangi (1)—R. Wilkin.
Wainui (1)—Hon. H. J. Tancred.
Westland (2)—J. Prosser, — Barff.

Speaker—J. Ollivier.
Chairman of Committees—J. Beswick.
Clerk—H. B. Quin.

Messenger—R. Whish
Housekeeper—Mrs. Potten.

OFFICERS OF THE GENERAL GOVERNMENT IN THE PROVINCE.

SUPREME COURT.

Puisne Judge—His Honor H. B. Gresson. *Registrar*, C. A. Calvert. *Deputy-Registrar*, R. Davis. *Registrar of Supreme Court, Hokitika*, R. Abbott. *Crown Solicitor*, T. S. Duncan. *Sheriff of Canterbury*, Alexander Back. *Sheriff of Westland*, George S. Sale.

RESIDENT MAGISTRATES' COURTS.

Resident Magistrates—Christchurch, C. C. Bowen-Lyttelton, W. Donald. Akaroa and Pigeon Bay, J. Watson. Timaru, B. Woodcombe. North Canterbury district, W. B. Pauli. Hokitika, Gerard G. FitzGerald. Greymouth, William Horton Revell. Totara, Justin Aylmer.

Clerks to the Bench—Christchurch, T. B. Bain. Lyttelton, J. Townsend. Kaiapoi, M. Lynskey. Akaroa, J. Daniell. Timaru, W. Massey. Leithfield and Rangiora, E. Simmons. Hokitika, F. de C. Malet. Greymouth, Harry Kenrick. Totara, James Simpson.

Bailiffs—Christchurch, U. E. Burke. Lyttelton, H. Brooks. Hokitika, Thomas Kenrick. *Interpreter to Courts*—Rev. J. W. Stack.

CHRISTCHURCH BENCH.

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

The annual meeting to grant Slaughter House licences 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 Public House licensing meetings are held on the first Tuesdays in January, April, July, and October.

Meetings for Transferring licences are held on the first Tuesday of every month.

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

CUSTOMS DEPARTMENT.

PORT OF LYTTTELTON.

LYTTTELTON 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 Parliament); also, Arms Licensing Officer, and Sub-Treasurer at Lyttelton—Wm. John Warburton Hamilton.

Landing Surveyor and Chief Landing Waiter for Lyttelton and Christchurch—Alexander Rose. *Chief Clerk in Customs, Treasury Accountant and Statistical Clerk*—(vacant.)

First Assistant Landing Waiter—Robert Joseph LaNauze.

First Long-room Clerk and Cashier—William Townsend.

Second Long-room Clerk and Warehouse Keeper—Frederic Jenner.

Second Assistant Landing Waiter—Edwd. Lysaght.

Third Assistant Landing Waiter—James Anderson Ronalds.

Third Clerk—William Nelmes Grant.

Weigher and Gauger, General Assistant in Long-room and Clearing Clerk—John Death.

Fourth Clerk—Joseph Carder.

First Locker—Andrew Hart.

Second Locker—Randall Thos. MacDonnell.

Third Locker—William Hoskins Drev.

Extra Locker—Frederick Carlton Phillips.

Tallying Clerk—John Goddard.

Tide Surveyor—Charles Warde.

Emigration Officer (under Imperial Passenger Acts, 1855 and 1863), Assistant Shipping Master, and Assistant Registrar of Shipping—Archibald Watson Shand.

Senior Tide Waiters—Alfred Missen, Peter Heddel.

Tide Waiters—David Day, Alfred Wm. Rouse, Wm. Gillespie.

CHRISTCHURCH BRANCH OFFICE.

Sub-Collector (also Sub-Treasurer, Christchurch)—Henry Scott McKellar.

First Assistant Landing Waiter—Charles James Hodge.

Clerk for Customs, Treasury Clerk and Accountant—Robert Elijah Bannister.

Second Assistant Landing Waiter—William Sydney Munday.

Third Assistant Landing Waiter—Edwin Wren.

Weigher and Gauger—Wilson Heaps.

First Locker—Atkinson McDowell.

Second Locker—James Henry Fysh.

Third Locker—Archibald Martin.

Tallying Clerk—Douglas Mackenzie Luckie.

Collection of Light Dues and all Treasury Business performed by Customs Department at Lyttelton and Christchurch.

KAIAPOI.

Locker—George Freeman Hewlings.

PORT OF AKAROA.

Sub-Collector (also Arms Licensing Officer and Harbour Master)—Robert Greaves.

PORT OF TIMARU.

Sub-Collector (also Emigration Officer under Imperial Passenger Acts, 1855 and 1863), and Arms Licensing Officer—Charles Edward Cooper.

Clerk—James R. Bertram.

WESTLAND.—PORT OF HOKITIKA.

Collector and Arms Licensing Officer—Edward Patten.

Landing Surveyor, First Landing Waiter, and Emigration Officer—Geo. Chas. Leming.

First Clerk—C. W. S. Chamberlain.

Second Landing Waiter—W. A. Moss.

Second Clerk—Arthur Corbett.

Third Clerk—A. Atkinson.

Third Landing Waiter—William Grey.

Locker—Richard Carter.

Extra Lockers, Acting—John Vinall, John M. Rice, Geo. Coleman.

PORT OF GREYMOOUTH.

Acting Sub-Collector—E. F. Tizard.

Landing Waiter—John Wilmott.

Locker—Edward Fielder.

The collection of Light Dues, Duties of Shipping Master at Sub-ports (under Merchant Shipping Act of 1854), are performed by the Sub-Collectors.

ARMS LICENSING OFFICERS.

LYTTTELTON—W. J. W. Hamilton.

AKAROA—R. Greaves.

TIMARU—C. E. Cooper.

HOKITIKA—E. Patten.

POST OFFICE DEPARTMENT.

CHIEF OFFICE.

Chief Postmaster for the Province—F. E. Wright.

Chief Clerk—M. G. Robertson.

First Clerk—Thos. Tarrell.

Clerks—J. W. Wilkin, D. B. Inwood, Geo. Bull,

R. J. Goodman, Jonah Shrimpton, J. F. M. Beth,

S. Johnstone, Hy. Maddison.

Letter Carriers—Wm. Moore, John H. Tovey.

Messenger—M. W. Baynes.

LYTTTELTON OFFICE.

Postmaster—J. T. W. Wilkin.

First Clerk—(vacant.)

Second Clerk—W. B. Allwright.

Letter Carrier—W. F. Day.

HOKITIKA OFFICE.

Postmaster—S. Dick.

First Clerk—W. Ferris.

Second Clerk—C. J. Anderson.

Third Clerk—George Andrews.

Fourth Clerk—A. W. Tow.

KAIAPOI OFFICE.

Postmaster—James Alexander.

Letter Carrier—J. L. Wilson.

AKAROA OFFICE.

Postmaster—Frank Guinness.

TIMARU OFFICE.

Postmaster—Archibald M'Loughlin.

GREYMOOUTH OFFICE.

Postmaster—A. J. Stevenson.

LOCAL POSTMASTERS.

ADDINGTON—John Rankin.
ASHBURTON—Wm. Turton.
ASHBURTON FORKS—A. Thompson.
BEALY RIVER—H. J. Jones.
DUVAUCHELLE'S BAY—F. Vanstone (acting).
FERRY ROAD—J. Hopkins.
GOVERNOR'S BAY—Wm. Blatchford.
HEATHCOTE VALLEY—Wm. Sinclair.
HEATHCOTE RAILWAY STATION—Geo. Fitzmaurice.
HURUNUI—John Hastie.
LEITHFIELD—R. Woodhouse.
LEESTON—John Carstairs.
LAKE TERAPO (Mackenzie Country)—John Hay.
LITTLE AKALOA—Geo. Boylen.
MOERAKI DOWNS—John Messent.
OHAARI—Thos. Wadsworth.
OKAIN BAY—Geo. Bishop.
OXFORD—Thos. Woodfield.
PAPANUI—F. T. Haskins.
PREBBLETON—James Blyth.
PIGEON BAY—W. S. FitzGerald.
PORT LEVY—James Harris.
RAKAI, NORTH—J. E. Shrubsole.
RAKAI, SOUTH—M. Robson.
RANGIORA—Hy. Blackett.
RANGITATA—M. A. Marshall.
RICCARTON—Frank Slee.
ROBINSON'S BAY—P. Brown.
SALTWATER CREEK—D. Cameron.
ST. ALBANS—Daniel Pine.
SELWYN—Wm. Savage.
SELWYN FORKS—J. T. Ford.
SNOWDON—W. R. Scott.
TEMUKAKA—J. Mendelson.
TEMPLETON—Wm. Bundle.
WAIMATE—J. Manchester.
WAITANGI—D. Brown.
WEEDEN—Wm. White.
WOODEND—Thos. Booth.
WINDWHISTLE HOUSE—

LOCAL POSTMASTERS ON WEST COAST.

FORKSTOWN—J. Clark.
GREENSTONE—Robt. M'Glone.
KANIERI—Frederick Dale.
ROSS—G. H. Moss.
TOTARA—Moses Crewdson.

RECEIVING OFFICES ON MAIL ROUTES.

Cook's Accommodation House, Grange's do. do.,
Kowai Pass, Smith's Camp, Wright's Camp,
White's Accommodation House, Weka Pass
do. do.

TOWN RECEIVING OFFICES.

CHRISTCHURCH—Stevens's, Lowther's, Sutherland's.
Pillar Receivers—Corner of Cambridge terrace
and Hereford street, and Railway Station gate.
LYTTTELTON—E. Mills. *Pillar Receivers*—Norwich
quay and Dublin street.

PERSONS LICENSED TO SELL STAMPS.

CHRISTCHURCH—A. Dallas, F. Roach, J. G. Baker,
C. Bonnington, A. T. W. Bradwell, S. A. Pope,
A. J. Stevens, J. Younghusband, B. Simpson,
H. Lowther, R. and D. Sutherland, E. Wheeler,
J. C. Brooke and Co., C. J. Reader.

LYTTELTON—S. E. Wright.
 KAIAPOI—A. Weston.
 AKAROA—J. D. Garwood.
 HOKITIKA—Thos. Nelson, J. Munson.
 GREYMOUTH—Otto Weishaven.

ELECTRIC TELEGRAPH.

Telegraphic Engineer—Alfred Sheath.
 General Manager—Abraham Sheath.
 Surveyor—C. M. Wakefield.

ELECTORAL OFFICERS.

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

Registration and Returning Officers (for the election of Members of the House of Representatives), viz.:—Christchurch, Lyttelton, Kaiapoi, Avon, Heathcote, Ashley, Mount Herbert, Selwyn, and Coleridge, W. Donald; Deputy, W. Wilson. Akaroa, J. Watson; Deputy, W. Weston. Cheviot, Josiah Birch; Deputy, W. B. Pauli. Timaru, B. Woolcombe; Deputy, P. B. Luxmoore. Westland, G. S. Sale.

Returning Officers (for the election of Members of the Provincial Council), viz.:—Christchurch, Lyttelton, Kaiapoi, Rangiora, Mandeville, Sefton, Oxford, Avon, Heathcote, Lincoln and Port Victoria, W. Donald; Deputy, W. Wilson. Akaroa, Wainui, and the Bays, Edward Latter; Deputy (vacant). Rakaia and Ashburton, C. P. Cox; Deputy (vacant). Timaru, Geraldine, and Waitangi, B. Woolcombe; Deputy, P. B. Luxmore. Mount Cook, F. W. Teschemaker; Deputy (vacant).

Revising Officer—H. B. Quin.

REGISTRARS OF BIRTHS, MARRIAGES, AND DEATHS.

Christchurch, Alfred C. Barker; Deputy, T. W. Maude. Lyttelton, James Townsend. Akaroa, D. Watkins. Timaru, B. Woolcombe, R.M.;

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

[Proclaimed October 14, 1865.]

Christchurch—Town Hall, Christchurch
 Lyttelton—Town Hall, Lyttelton
 Avon—School House, Papanui
 School House, Riccarton
 Heathcote—Road Board Office, Ferry road
 School House, Lincoln road
 Kaiapoi—Resident Magistrate's Office
 Mandeville—Resident Magistrate's Office, Kaiapoi
 Police Office, Rangiora
 Rangiora—Police Office, Rangiora
 Oxford—Survey Office, Oxford
 Sefton—Road Board Office, Sefton
 Lincoln—School House, Prebbleton
 Port Victoria—Residence of C. K. Vigers, Esq.,
 Governor's Bay

Deputy, Herbert Belfield. Kaiapoi, Charles Dudley, J.P. Mount Grey, M. Morris. Amuri, Hugh McLraith. Kaikoras, C. R. Keene. Oxford, James Boys. Geraldine, L. L. Browne. Ashburton, W. S. Geter. 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.

Registry of Deeds—Registrar (and of Joint-Stock Companies), G. Bowron; First Clerk, George Denham; Second Clerk, A. Pinwell; Third Clerk, W. Parker.

Receiver of Land Revenue—G. A. Æ. Ross.

Sub-Treasurers—Christchurch, H. S. McKellar. Lyttelton, W. J. W. Hamilton.

Inspectors under Diseased Cattle Act, 1861—A. Sproul, H. S. McKellar, H. Belfield, 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, H. H. Prins. Akaroa district, D. Watkins. Kaiapoi district, Chas. Dudley. Lyttelton district, J. T. Rouse. Mount Grey district, M. Morris. Rangiora and Oxford districts, W. B. Tripe. Timaru district, E. Butler.

Akaroa—Resident Magistrate's Office
 Wainui—School House, Duvauchelle's Bay
 The Bays—School House, Okain's Bay
 School House, Pigeon Bay
 Rakaia—Road Board Office, Leeston
 Mr. Westenra's Woolshed
 Ashburton—Residence of T. Moorhouse, Esq.
 Timaru—Resident Magistrate's Office
 Geraldine—Resident Magistrate's Office, Arowhenua
 Mr. Cox's Woolshed, Orari
 Waitangi—Resident Magistrate's Office, Timaru
 Mr. Studholme's Woolshed, Waimate
 Mount Cook—Mr. E. S. Stericker's Woolshed

MUNICIPALITIES, SOCIETIES AND ASSOCIATIONS, TRADING COMPANIES.

MUNICIPALITIES.

Christchurch City Council.

Chairman, I. Luck. Councillors: C. W. Bishop, E. B. Bishop, W. H. Lane, Barnard, Farr, E. Burnell. Town Clerk, G. Gordon. Inspector of Nuisances, W. Pearce.

Lyttelton Municipal Council.

Chairman, E. A. Hargreaves. Councillors: John L. Ballestie, J. Dransfield, J. G. Fyfe, J. Grubb, T. Merson, J. S. Willcox, S. E. Wright. Town Clerk, H. C. Lanauze. Inspector of Nuisances, &c., John Hodgson.

Kaiapoi Municipal Council.

Chairman, C. Dudley, M.B. Councillors: Dobbs, Hewlings, Funston, Birch, Porter, Hall, Ellis, and Henwood.

Timaru Municipal Council.

Chairman, H. J. LeCren. Councillors: J. Inglis, G. Healey, R. Turnbull, F. W. Stubbs, S. Hewlings, J. Ellis, F. LeCren, and Dr. M'Lean.

SOCIETIES AND ASSOCIATIONS.

Acclimatisation Society.

Patron, His Honor the Superintendent. Council—President, F. A. Weld, M.H.R. Vice-presidents: The Ven. the Archdeacon of Akaroa, J. Cracroft Wilson, C.B., M.H.R., Dr. J. Haast, F.G.S., F.L.S., &c., R. Wilkin, M.H.R., M. Stoddart, M.P.C., T. H. Potts; Hon. John Hall, Dr. Barker, W. G. Brittan, H. Lance, M.P.C., Hon. G. Leslie Lee, M.L.C., R. Wilkin, M.H.R., E. C. Stevens, J. C. Brooke, W. Hislop, C. Davie, R. Armstrong, W. Thomson, J. Hill, E. J. Wakefield, J. Hawdon, W. S. Moorhouse, M.P.C., H. P. Murray-Aynsley, M.P.C., G. Packe, W. Duncan, W. Wilson, W. Reeves, G. Macfarlan, T. W. White, J. T. Peacock. Treasurer: G. Gould. Secretary and Curator: A. M. Johnson. Honorary Members: His Excellency Sir George Grey, K.C.B., Governor of New Zealand, His Excellency Colonel T. Gore Browne, C.B., Governor of Tasmania, Dr. Ferdinand Muller, of Melbourne, Victoria. Government Domain Commission—J. R. Hill, Hon. J. Hall, and C. Davie.

Agricultural and Pastoral Association.

Patron, His Honor S. Bealey. President, R. Wilkin. Vice-president, J. C. Wilson, C.B. Treasurer, E. B. Bishop. Secretary, W. Thomson. Committee: J. Anderson, R. Brunson, D. Graham, L. B. Higgins, W. Hislop, W. S. Moorhouse, M. Sprott, R. Ross, E. M. Templer, J. Stace, A. M. Thompson, H. Washbourne, W. Wilson.

Benevolent Aid Society.

Patron, His Honor the Superintendent. Chairman, His Honor Mr. Justice Gresson. Treasurer, G. Gould. Hon. Sec.: Rev. H. Torlesse. Provincial Relief Committee: His Honor Mr. Justice Gresson, J. E. FitzGerald, R. Wilkin, Dr. Back, G. Gordon, I. Luck, C. W. Turner.

Bible Society (Canterbury Auxiliary.)

Treasurers: Joseph Brittan, H. S. McKellar. Secretaries: Rev. Thomas R. Fisher, J. D. Macpherson. Committee: A. H. Cunningham, George Gould, F. Garrick, J. E. Hawkes, C. W. Turner, R. Symington, J. P. Jameson, W. H. Lane, Maxwell Bury, C. J. Foster, LL.D., W. P. Cowlishaw, W. D. Carruthers, James Jones, George Booth, — Fletcher, The Ven. Archdeacon Jacobs, Revds. J. Buller, C. Frazer, H. Torlesse, L. Moore, G. Cotterell, C. Bowen, G. Cholmondeley, J. Stack, W. J. Habens, J. C. Bagshaw, G. Grant, J. Tyerman.

Canterbury Chamber of Commerce.

Chairman, C. W. Turner. Deputy-Chairman, William Day. Committee: Messrs. G. Buckley, J. J. Fletcher, G. Gould, T. M. Hassal, J. G. Hawkes, P. Laurie, J. D. Macpherson, T. W. Maude, H. Matson, H. P. Murray-Aynsley, J. T. Peacock, E. Richardson, F. E. Stewart, R. Symington, R. Walton. Auditors: Messrs. F. Todhunter and W. K. M'Lean. Secretary: J. E. Graham. Members: Messrs. C. C. Aikman, J. Anderson, F. Banks, W. Bowler, G. Buckley, S. Bealey, J. T. Brownell, J. L. Coster, T. J. Curtis, C. Clark, W. P. Cowlishaw, E. S. Dalgety, W. Day, D. Davis, H. H. DeBourbel, T. S. Duncan, J. J. Fletcher, C. J. Foster, LL.D., G. Gould, Hon. John Hall, W. L. Hawkins, E. A. Hargreaves, W. H. Hargreaves, T. M. Hassal, J. G. Hawkes, H. H. Hennah, J. M. Heywood, J. Hill, G. Holmes, M. Harris, J. W. Hamilton, J. C. Helmore, E. C. Hilton, A. Knight, P. Laurie, C. H. Lunt, I. Luck, H. J. LeCren, W. H. Lane, A. Louison, E. C. Latter, G. D. Lockhart, J. D. Macpherson, H. Matson, T. W. Maude, G. Miles, W. Montgomery, H. P. Murray-Aynsley, W. K. M'Lean, J. Millton, H. W. Mytton, L. E. Nathan, J. Ollivier, J. Palmer, J. T. Peacock, T. Pavitt, E. Pavitt, W. Reeves, E. Richardson, T. Ritchie, E. Reece, R. Symington, R. T. Stanley, F. E. Stewart, F. C. Todhunter, C. W. Turner, F. Thiel, R. Walton, W. Wilson, R. Wilkin, D. Wood.

Chamber of Commerce, Hokitika.

Provisional Committee: R. Reeves, J. Henderson, W. Hepburn, W. Eicke, S. Clark, J. White, A. Mouat, R. Ecclesfield, R. M'Intire.

Christian Knowledge Society.

Christchurch Branch—Treasurer and Secretary, G. Gordon. Depot, Oxford terrace west. Committee: Chairman, the Venerable the Archdeacon of Christchurch, the Revs. G. Carpenter, H. Torlesse, E. A. Lingard; Messrs. I. Luck, J. Fletcher, C. R. Blakiston, L. Harper, J. W. Smith, G. Gordon.

Christ's College, Christchurch.

Founded 1854. Warden, the Right Reverend the Lord Bishop of Christchurch; Sub-Warden, Archdeacon of Christchurch. Fellows: the Revs. J. Wilson, W. W. Wilcock, G. Cotterill, H. Harper, and B. W. Dudley; J. E. FitzGerald, J. Bealey, C. R. Blakiston, W. J. W. Hamilton, A. C. Barker,

H. J. Tancred, T. W. Maude, W. Donald, G. S. Sale, C. C. Bowen, G. A. E. Ross, and W. Rolleston, Head Master of Grammar School, Rev. W. C. Harris, B.A.; Second Master, Rev. G. Cotterill, B.A.; Mathematical Master, W. DeTroy; Assistant Master, Rev. E. A. Lingard; Drawing Master, Mr. W. B. Jones; Singing Master, vacant; Drilling Master, Capt. Armstrong. Holders of Scholarships: Somes's, £50 per annum, T. D. Condell; Buller and Reay's, £15 per annum, W. Harper and G. N. Willmer; Rowley's, vacant; Dudley Divinity, vacant.

College Library, in connection with Christ's College, and under control of its governing body— Librarian, Rev. G. Cotterill. Subscription (one guinea per annum) entirely devoted to the purchase of Books. Open daily, from 10 to 5.

Church Institute.

St. Michael's, Christchurch (for the study of history, debating, and choral music). President, the Venerable the Archdeacon of Christchurch; Treasurer, A. Thompson; Secretary, F. M. Ollivier.

Choral Class—President, the Venerable the Archdeacon of Christchurch; Treasurer, — Pearce; Choir Master and Organist, J. Bilton; Committee: Pearce, Harrington, Thompson, and Lockwood.

Church Property Trustees.

The Right Rev. the Bishop, Chairman; the licensed clergy officiating within the old Canterbury block; together with the following lay Trustees, nominated or elected annually at the Easter parish meetings, viz:—For Akaroa—none elected or nominated; Avonside—F. E. Wright, T. L. Lainé; Christchurch—G. Gordon, C. G. Trip; Governor's Bay—none elected or nominated; Kaiapoi, Josiah Birch, H. B. Quin; Lower Heathcote—J. L. Coster, M. Ashwin; Lyttelton—W. Donald, W. Graham; Papanui—none elected or nominated; Rangiora—G. L. Lee, A. H. Cunningham; Riccarton—G. A. E. Ross; Upper Heathcote—J. C. Wilson, C.B.; J. Wilkon. Managing Committee: The Right Rev. the Bishop, Venerable Archdeacon Jacobs, Revs. G. Cholmondeley, W. W. Willock, Jas. Wilson, and Messrs. J. L. Coster, G. Gordon, G. A. E. Ross, (and one vacancy by death). Rev. W. W. Willock, Treasurer and Secretary; R. Packer, Agent.

Colonists' Society, Lyttelton.

President, S. E. Wright; Vice-President, J. S. Jenkins; Secretary, J. Ward; Treasurer, T. Prece.

Cricketer Clubs.

Canterbury—President, vacant; Acting Secretary, C. Fearon.

Albion—President, J. Ollivier; Honorary Secretary, G. Turner; Treasurer, T. Bruce.

Christchurch—President, W. Wilson; Vice-President, W. L. Hawkins; Treasurer, E. S. Harley; Secretary, F. M. Ollivier; Committee: A. Cuff, R. M. Symington, A. J. Cottrell, C. M. Ollivier, G. A. Reade, E. Parkinson.

Christ's College—Treasurer, Rev. E. A. Lingard; Secretary, T. D. Condell.

Female Home.

Treasurer, J. Palmer; Secretary, Mrs. Cass;

Trustees, R. J. S. Harman, Hon. H. J. Tancred, G. Gould. Committee: Mrs. Blakiston, Mrs. Cass, Mrs. Fisher, Mrs. FitzGerald, Mrs. Harper, Mrs. Lane, Mrs. Watts Russell; Matron, Mrs. Ritchie.

Fire Brigade.

Chief Engineer, W. Harris; Assistant Engineer, T. Anderson; Captain of Steam Company, T. Williams; Assistant Captain, W. E. Samuels; Drivers, J. Robson, J. Booth; Stokers, J. Holwiden, J. Stapleton; Branchmen, E. Scott, J. Hargrovy; Assistant Branchmen, H. Kilner, G. Wells.

No. 2 Company—Captain, J. C. Atkinson; Assistant Captain, J. Reeves; Branchman, E. Samuels; Assistant Branchman: M. M. Wyatt; Secretary, J. Piper. Committee: Williams, Kilner, Robson, Lane, Wyatt, Reeves.

Foresters.

Canterbury United District—Secretary, J. Foley. Court "Star of Canterbury," No. 2309, Foresters' Hall, Christchurch—Secretary, J. M. Thompson. Court "Queen of the Isles," No. 2703, Odd Fellows' Hall, Lyttelton—Secretary, M. Wenstell.

Court "Foresters' Retreat," No. 3117, Meddings' Hotel, Papanui—Secretary, W. G. Meddings, jun.

Court "Albion," No. 3976, Exchange Hotel, Kaiapoi—Secretary, A. A. Dobbs.

Court "Southern Cross," No. 3123, Royal Hotel, Timaru—Secretary, A. Fisher.

Freemasonry—Provincial Grand Lodge.

P.G.M., Hon. John Charles Watts Russell; D.P.G.M., William Donald; P.S.G.W., James Grant; P.J.G.W., Cyrus Davie; P.G. Registrar, Charles Wellington Bishop; P.G. Treasurer, J. G. Hawkes; R.G. Secretary, Augustus Frederick Noel Blakiston; P.S.G.D., George Frederick Day; P.J.G.D., Charles French Pemberton; P.G. Superintendent of Works, A. Beetham; P.G. Director of Ceremonies, J. S. Wilcox; P.G. Assistant D.C., William Kentish M'Lean; P.G. Sword-bearer, Henry Renshaw; P.G. Pursuivant, John Fuller; P.G. Stewards, J. L. Balestie, G. Taylor, W. Stringer, G. H. Wilson, W. Gilkison, J. Sanderson; P.G. Tyler, W. Dorsett.

The St. Augustine Lodge, No. 609.

Regular meetings, Wednesday nearest to each full moon, at the Masonic Hall, Christchurch.

New Zealand Lodge of Unanimity, No. 604.

Treasurer: John Smith Wilcox; S.W., George Taylor; J.W., John Thomas Rouse; S.D., Thomas Preece; J.D., Henry Lanauze. Fourth Thursday in every month, at Masonic Hall, Lyttelton.

Southern Cross Lodge, No. 760.

Meetings first Thursday of the month. The above lodges elect new officers late in December.

Foot-Ball Club, Christchurch.

Vice-Presidents: Rev. C. Bowen and Mark Sprot. Committee: A. F. N. Blakiston, R. P. Crosbie, A. Cuff, F. M. Ollivier, T. G. Packer, R. Ross, F. Strouts, and G. Turner. Hon. Secretary and Treasurer: R. M. Simpson.

Gymnasium Association.

Chairman: W. Wilson. Committee: Messrs. Bird, Moorhouse, M'Lean, J. Ollivier, C. M. Ollivier, St. Quentin, Sale, Turner, Ward. Treasurer: E. C. J. Stevens. Hon. Sec.: R. P. Crosbie.

High School, Christchurch.

Established 1858. New building, Lincoln road. Directors: Rev. C. Frazer, Minister of St. Andrew's Church; Chairman, J. S. Turnbull, M.D.; Secretary, John Lillie, D.D.; R. Wilkin, T. W. Maude, Edw. Reece, W. Wilson, J. Anderson, J. Johnston; Rector, David Scott; Classical Master, Alexander Montgomery; English Master, Charles Cook; Music Master, J. A. Waddington; Drill Master, J. Marshall.

Horticultural Society.

President, W. Potts; Vice-President, W. Wilson, M.P.C.; Treasurer, vacant; Secretary, Andrew Duncan. Members of Committee: W. Hislop, R. Chudley, A. Stewart, Thos. Turner, H. Budden, J. P. Armstrong, J. Ditton, C. W. S. Purdie, J. Steunson, J. C. Brooke, C. Davie, F. Strouts, J. Painter, J. G. Hawkes, J. C. Angus, A. Clarke, J. Greenaway, W. Robinson.

House of Refuge for Females.

Antigua street. Trustees: C. Ward, M.H.R.; C. G. Bowen, R.M.; T. Cass, Rev. H. Torlesse; Chaplain and Superintendent, Rev. H. Torlesse; Matron, Miss Nimmo.

Jockey Club.

President, I. T. Cookson; Treasurer, W. Reeves; Secretary, J. D. Lance.

Literary Society, Christchurch.

President, Rev. W. J. Habens, B.A.; Vice-president, C. J. Foster, L.L.D.; Secretary, — Guthrie. Christchurch Mechanics' Institute. Friday evenings.

Lyttelton Boating Club.

President, D. Davis; Vice-president, W. H. Hargreaves; Commodore, J. Kissing.

Mechanics' Institute, Christchurch.

President, His Honor the Superintendent; Treasurer, E. B. Bishop; Secretary, E. Denham; Librarian, Dr. Prins; Clerk, C. J. Reader.

Mechanics' Institute, Kaiapoi.

President, J. Beswick, Esq., M.P.C.; Treasurer, W. Gilkison; Librarian, J. Mathews; Hon. Secretary, W. P. Wilson; and twenty-one committee men.

Musical Society, Christchurch.

President, Rev. J. Wilson; Vice-president, W. Stringer; Secretary, R. Davis; Leader, C. Bonnington; Conductor, J. Bilton; Librarian, H. F. Palmer; Treasurer, G. Palaret.

Musical Society, Lyttelton.

President, Dr. Donald; Vice-president, E. D. Byrne; Secretary, Joseph Carder; Treasurer, Alexander Rose; Committee: Messrs. J. Townsend, A. Rose, J. Carder, K. England, G. Taylor, J. H. Perrin.

Odd Fellows.

North Canterbury District, I.O.O.F.M.U.—G.M., P.P.C.S. Morton; D.G.M., P.G. Robinson; C.S., P.G. Turner.

I.O.O.F.M.U., Loyal City of Christchurch Lodge, 4602—Odd Fellows' Hall, Lichfield street—G.M.,

—Turner; N.G., W. Dexter; V.G., G. Parkin; Tyler, Br. Parry; Warden, Br. Paton; Secretary, Br. M'Dowall.

Orphan Asylum, Christchurch.

Treasurer, Rev. James Wilson; Secretary, T. I. Stanley, on the premises. Committee of Management: Rev. E. A. Lingard, I. Luck, J. G. Hawkes, F. Pavitt, J. Anderson, H. S. Brown, G. Gordon, and W. D. Wood. Information with respect to the Asylum may be obtained from the secretary.

Philosophical Institute of Canterbury.

President, Dr. Julius Haast, F.G.S., F.L.S., &c.; Vice-presidents, J. S. Turnbull, M.D., and E. Dobson, C.E.; Treasurer, G. A. E. Ross; Honorary Secretary, E. C. J. Stevens; Secretary and Librarian, R. L. Holmes.

Presbytery of Canterbury.

Revs. C. Frazer (Moderator), G. Grant, W. Kirton, W. Hogg; Messrs. G. Duncan, J. D. Macpherson; Geo. Grant, Presbytery Clerk; W. Gavin, Treasurer.

Ratepayers' Mutual Protection Society, Christchurch.

Chairman, Geo. Allen; Hon. Secretary, W. H. Wynn Williams. Place of meeting, Lyttelton Hotel.

Regatta (Heathcote) Club.

Patron, His Honor the Superintendent; Commodore, W. S. Moorhouse; Vice-Commodore, George Holmes. Committee: J. Ollivier (Chairman), A. Blakiston and T. Douglas, C.B.C.; J. Kissing and W. Heaps, L.B.C.; E. Richardson and A. M'Kellar, R.R.C.; D. Reese, A.B.C.; Treasurer, Wm. Montgomery; Hon. Secretary, R. P. Crosbie.

Railway Rowing Club.

President, George Holmes; Vice-presidents, E. Richardson and W. Reeves; Hon. Secretary and Treasurer, Robert P. Crosbie.

Savings Bank, Lyttelton and Christchurch.

President, His Excellency the Governor; Vice-president, vacant. Trustees: E. D. Byrne, F. Banks, J. L. Coster, E. Ivens, W. Reeves, T. Ritchie, J. T. Rouse, R. Symington, C. F. Beeby, George Buckley, F. N. Campbell, W. Donald, E. A. Hargreaves, R. Latter, H. S. M'Kellar, and Rev. F. Knowles. Trustees of the Christchurch District Branch: H. E. Alport, J. Bealey, Edward Bishop, G. Gould, C. W. Turner, and W. D. Wood. Actuary, F. E. Wright. Christchurch Branch, Mechanics' Institute, open on Saturdays, from 5 to 7 p.m.

Total Abstinence Society.

President, G. Booth; Vice-presidents: Revs. J. Tyerman and W. Lee, Dr. Florance, and — Clephane; Treasurer, J. A. Wood; Sub-treasurer, R. J. Pearce; Minute Secretary, — Fletcher; Corresponding Secretary, J. G. Baker; Registrar, — Alexander; Librarian, J. G. Baker. Committee: Jas. Caygill, R. Tyerman, John Booth, John Cutler, W. Gavin, W. W. Davey; W. S. Baker, T. Dethier, — Butterfield, John Caygill, Thos. Lewis, — Aulsebrook.

Typographical and Provident Association.

President, John Vincent; Vice-President, vacant; Treasurer, Henry F. Baker; Secretary, F. J. Pearson.

Volunteer Engineers' Association, for Mutual Instruction in Military Engineering.

Chairman: W. F. Moore; Secretary and Treasurer, F. Pavitt. Committee: A. Lean, R. P. Crosbie, A. F. N. Blakiston, C. Cuff, S. C. Farr, J. Woodford. Meeting Room, Mechanics' Institute.

Young Men's Christian Association.

President: F. J. Garrick. Vice-Presidents, Revs. L. Moore, M.A., J. Buller, W. J. Habens, B.A., C. Fraser, M.A., W. Tyerman, and Mr. J. T. Manning. Secretary: Thomas Cox; Treasurer: J. G. Baker; Librarian, F. Opie. Committee: Messrs. Dawson, Connal, Morley, M'Nicol, Andrews, Davey, Hislop, Wilson, Bull, Thompson, Dartnall, and Gavin.

TRADING COMPANIES.

Assurance Societies.

Liverpool and London and Globe—Agents: Kaipoi and Rangiora, Rickman, Brothers; Hokitika, L. E. Nathan and Co.; Timaru, Stubbs and King; Lyttelton and Christchurch, W. Bowler. London and Lancashire (Fire office), John Lewis European (Life and Fidelity office), Harman and Stevens. New South Wales (Marine office), Brownell and Co. New Zealand (Fire and Marine), Lyttelton and Christchurch, J. M. Heywood and Co. Australasian (Fire, Life and Marine) Christchurch, Matson and Co. North British and Mercantile (Fire office), Lyttelton and Christchurch, R. Symington. Pacific (Fire and Marine), Christchurch, J. T. Peacock. Royal (Fire and Life), Lyttelton and Christchurch, Miles and Co. Victoria (Fire, Life and Marine), Lyttelton and Christchurch, Walton, Warner and Co. Colonial (Life office), Christchurch, Burnell, Bennett, and Sprot. Imperial (Fire office), Lyttelton and Christchurch, E. S. Dalgety and Co. Australian Mutual Provident (Life office), Canterbury, John Lewis; medical referee, Christchurch, Dr. Deamer. Northern (Fire and Life office), Canterbury, Fredk. Thompson. British and Foreign (Marine), Lyttelton and Christchurch, Miles and Co.

Cobb and Co.'s Telegraph Line of Royal Mail Coaches.

Proprietors, L. G. Cole and Co.; Offices, High street. Coaches of this line leave regularly three times a week for Weeden's, Selwyn, Rakaia, Ashburton, Rangitara, Orari, Timaru, Pareora, Waimati, Waitaki, Oamaru, Moeraki, Palmerston, Waikouaiti, and Dunedin. In winter the journey to Timaru is completed in two days, and during the summer in one day. Coaches also leave daily for Woodend, Saltwater Creek, Leithfield (Kowai), Waipara, Weka Pass, and Hastie's Hotel, Hurunui. Three times a day coaches run between Christchurch and Kaipoi. Coaches also run regularly three times a day between Christchurch and Lyttelton. Coaches for Hokitika, via the Bealey, twice a week. At Lyttelton, the company have their office at Fairhurst's, Queen's Hotel, where an agent resides, who attends on all the steamers and ships; he makes arrangements for passengers' luggage, parcels, &c. We do not give the hours of the various arrivals and departures of the several coaches, as they are often altered to meet various circumstances; but all alterations are advertised, and all information can be obtained at the booking office, which is open all day.

Gas, Coal and Coke Company, Christchurch (Limited).

Directors: J. D. Macpherson, G. Gould, C. R. Blakiston, W. Wilson, C. W. Turner, Isaac Luck, R. J. S. Harman. Engineer, E. G. Wright; Secretary, E. C. J. Stevens; Manager, W. Walker; Solicitors, Travers, Hamner and Harper.

Land, Building, and Investment Societies.

The Christchurch—Trustees: W. S. Moorhouse, R. Westera, W. Thomson, and R. J. S. Harman. Treasurer, W. G. Brittan; Secretary, Chas. Allison; Chairman of Committee, C. W. Turner. Solicitors, Travers, Hamner and Harper. Bankers, The Union Bank of Australia.

The Working Men's—Trustees, W. S. Moorhouse, R. Westera, and J. Ollivier; Treasurer, C. W. Bishop. Solicitor, F. Slater; Bankers, Union Bank of Australia; Secretary, G. Furby.

Provincial Investment and Loan Association, Christchurch—Trustees: The Hon. John Hall, W. S. Moorhouse, R. Wilkin, W. G. Brittan, and W. Wilson. Directors: G. Gould, C. W. Turner, J. M. Heywood, J. G. Hawkins, J. R. Hill, T. M. Hassall, Manager, E. C. J. Stevens; Solicitor, W. P. Cowlishaw; Valuers: Mountfort and Luck; Bankers, The Bank of New South Wales.

Tradesmen's and Mechanics' Loan Society, Foresters' Hall, Oxford Terrace east—Trustees: C. W. Bishop, J. G. Hawkes, J. Foley, J. Hill, George Cliffe. Manager and Secretary, C. Allison; Treasurer, J. Mills.

The Lyttelton—Trustees: Beverley Buchanan, E. A. Hargreaves, J. T. Rouse, and F. E. Wright. Treasurer, Henry Dunsford; Solicitor, R. W. D'Oyly; Secretary, John S. Willecox. Committee: Balestie, Godfrey, K. England, R. W. England, Weastell, Jenkins, Weybourne, Graham, Grange, Littlecott, Buist. Bankers, Bank of New Zealand.

The Lyttelton, No. 2—Trustees: E. A. Hargreaves, W. Donald, Beverley Buchanan, Joseph Dransfield, J. T. Rouse. Treasurer, J. Ward; Solicitors, Garrick and Cowlishaw; Secretary, John S. Willecox. Committee: W. H. Hargreaves, Balestie, Godfrey, Dunsford, K. England, Byrne, Weastell, Jenkins, Rayner. Bankers, Bank of New Zealand.

Newspapers.

Christchurch—"Lyttelton Times," morning paper, daily; "Press," morning paper, daily; "Canterbury Standard," evening paper, tri-weekly; "Evening Mail," evening paper, daily; "Canterbury Times," weekly; "Weekly Press," weekly; "New Zealand Guardian," fortnightly.

Timaru—"Timaru Herald," weekly.

Hokitika—"West Coast Times and Hokitika Reporter," daily; "Hokitika Leader," weekly; "Hokitika Advertiser," tri-weekly.

Greymouth—"Grey River Argus," tri-weekly.

New Zealand General Telegraph Agency.

Agent at Christchurch, Wm. Collins, "Press" Office.

Steam Shipping Companies.

The Panama New Zealand and Australian Royal Mail Company [Limited]. Right Honorable Lord Claud Hamilton, M.P., Chairman. General

Manager in the Colonies, John Vine Hall, Esq. Head Colonial Office, Wellington. Agent at Canterbury, Miles & Co., Lyttelton & Christchurch; Agent at Hokitika, Greer & Co. The Steam Fleet of the Company comprises (for the service between Panama, New Zealand, and Sydney)—The screw steamships Ruahine, 1650 tons, 300 horse-power nominal; Kaikoura, 1650 tons, 350 ditto; Tongariro, 1050 tons, 350 ditto; (not named), 1650 tons, 350 ditto; Prince Alfred, 900 tons, 180 ditto; Auckland, 850 tons, 150 ditto; Tararua, 800 tons, 160 ditto; Otago, 800 tons, 150 ditto; Claud Hamilton, 800 tons, 120 Rangitoto, 700 tons, 140 ditto; Phebe, 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, Lyttelton and Otago.

New Zealand Steam Navigation Company [Limited]. Head Offices, Wellington. General

Manager, R. J. Duncan. Canterbury Agency, J. D. Macpherson, Lyttelton and Christchurch. Steam Fleet—Screw-steamships Wellington, Ladybird, Queen, Rangitira, Ahuriri, Stormbird, Wonga Wonga, Taranaki (new); and several sailing vessels

Town Hall Company.

Treasurer, Richard Packer; Secretary, W. Wilson. Committee: J. Brittan, R. Packer, W. Wilson, J. Ollivier, J. Hall, R. Westera, Thos. Tombs, J. Anderson, W. Harrington, W. H. Packer, D. Inwood.

Trust Companies.

Trust and Agency Company of Australasia—Local Trustees: C. Davie, R. Wilkin, and His Honor the Superintendent. Bankers, The Bank of New South Wales; Solicitor, W. H. Wynn Williams; Valuator, J. Ollivier and Son; Local Manager, C. R. Blakiston. Office, Hereford street.

New Zealand Trust and Loan Company—Local Trustees: J. W. Hamilton, R. J. S. Harman, E. S. Dalgety. Bankers, Union Bank of Australia; solicitor, J. S. Williams; Valuator, F. Thompson; General Manager, W. D. Carruthers. Office, Cashel street.

TRADES AND CALLINGS.

CHRISTCHURCH.

ACCOUNTANTS, &c.

Cathedral square—
W. Lowther
Noal and Bowler

Hereford street—
G. D. Baggett

Hereford street west—
W. Dewsbury

High street—
J. F. Ballard

Oxford Terrace west—
W. Baines

Cashel street—
H. Alsop
W. K. McLean & Co.

ARCHITECTS AND SURVEYORS.

Colombo street—
Luck and Clark
Gloucester street—
Bury and Mountfort
Lichfield street—
C. E. Fooks
Farr and Cuff

Cathedral square—
J. D. Triphook
Robt. Speechley, M.R.I.B.A.,
(Cathedral Commission)

Cashel street—
W. T. Doyne
H. P. Blanchard

Hereford street west—
W. F. Moore

Armagh street east—
C. Davie

Oxford Terrace east—
C. J. Sanders

ARTIST.

Hereford street west—
G. B. Shaw

ALE AND PORTER BOTTLEERS.

Manchester street—
Boyd and Co.
Peterborough street—
J. Perkins
Barbadoes street south—
S. Manning
W. Manning

AGRICULTURAL IMPLEMENT DEPOTS.

Colombo street—
H. E. Alport
Wm. Neeve
E. Reece

Cashel street—
H. G. Burnell

Hereford street—
Hawkes and Strouts

Lichfield street—
G. Booth

Cathedral square—
J. M. Heywood and Co.

Market square—
K. Brunsten

ASPHALTER.

High street—
S. Smart (at J. Woods's)

AUCTIONEERS.

Colombo street—
H. E. Alport
Luck and Clark
G. D. Lockhart
Benjamin and Co.
E. Mitchell and Co.

High street—

Aikman and Wilson
L. E. Nathan and Co.
Ollivier and Son
R. D. Bust
J. P. Raphael

Hereford street—

Burnell, Bennett and Sprot
T. M. Hassal

Cashel street—

W. D. Barnard

BAKERS.**Colombo street—**

Jas. Hicks
And. Ritchie
J. S. Hawley
Thos. Gee
John Aulsebrook

Cashel street—

G. Inwood

Durham street north—

Quine and Cain

Tuam street west—

James Walker
C. Dittfort

Gloucester street—

— Christie

Manchester street—

A. Thiele

Lincoln road—

Jas. Britt

Lichfield street—

H. Flavel

BANKS.**Hereford street—**

Union Bank, J. Palmer,
Manager
New South Wales, J. Hill,
Manager
Savings Bank, Mechanics'
Institute, F. E. Wright,
Manager

Cashel street—

Bank of Australasia, W. L.
Hawkins, Manager
Bank of New Zealand, J.
Coster, Manager

BARRISTERS-AT-LAW.**Cathedral square—**

Moorhouse and Macfarlan

Gloucester street—

L. Harper, Travers, Hanmer
and Harper
C. J. Foster, L.L.D.

Cathedral square—

Garrick, Garrick and Cow-
lishaw

BATHS.**Colombo street—**

A. Ayers

Kohler's Gardens, Lincoln road—

R. W. Kohler

BILLIARD-ROOMS.**Oxford Terrace west—**

Royal Hotel, A. Cuff

High street—White Hart, R.

Betson
Dunedin Club, Morton and
Robertson

Colombo street—

Central Hotel, C. Moir

BLACKSMITHS AND**FARRIERS.****Hereford street—**

Thos. Anderson

Manchester street—

Wm. Armstrong

Cashel street—

Jno. Anderson
G. Howland (Cobb and Co's)

Montreal street south—

John Johnston

Montreal street—

Jas. Williams

Colombo street south—

A. Wilson

Colombo street north—

Geeson and Ball

Papanui road—

H. Wagstaff

Whately road—

Thos. King

BOOKBINDERS, &c.**Cashel street—**

Chas. Bonnington

Lincoln road—

J. Hall

BOOKSELLERS AND**STATIONERS.****Colombo street—**

Mrs. Pope
J. Younghusband
A. T. W. Bradwell

Cashel street—

J. Hughes
C. Bonnington

High street—

J. G. Baker

High street—

A. J. Stevens

Papanui road—

Mrs. Atkinson

BOOT AND SHOE MAKERS.**Colombo street—**

A. Pinkus
Saml. Goodman

Gloucester street—

W. A. Pierce
G. Fisher
J. Yates

High street—

G. and T. W. Jones
Wm. Haines

High street—

Geo. Simpson
B. Hale

High street—

Stringer, Grierson and
Shackelton

Cashel street—

N. Suckling
Chas. M. Nichol

Whately road—

John Caygill
J. Atkinson

Thos. Jones

Tuam street west—

J. Pring

Ferry road—

T. Bowden

Gloucester street—

Thos. Carey

Hereford street—

J. Middlewick

Papanui road—

John Woodard

BONDED STORES.**Tuam street—**

Thiel, Mytton and Co.

Hereford street—

A. Louisson

Oxford Terrace west

Walton, Warner and Co.

BOWLING ALLEY.**Colombo street—**

Central Hotel, C. Moir

Tuam street—

White Horse, W. E. Samuels
The Wellington, P. Noonan

BRICK AND TILE MAKERS.**Barbadoes street south—**

Hilton and Co.

BRICKLAYERS AND**PLASTERERS.****Hereford street—**

Foley, Bros.

St. Asaph street—

E. Brocker and Son

Cashel street east—

J. Sinclair

Cashel street east—

G. Inness

Papanui road—

Thos. Machin

David street—

H. Minifie

Kilmore street—

W. Brightmore

Whately road—

Jas. Hunt

Town Belt east—

A. Andrews

Lane

J. Joll

Chester street east—

Wm. Blyth

BREWERS.**Peterborough street—**

A. Moore and Co.

Cashel street—

H. S. Brown and Co.

Colombo street south—

Deacon and Vincent

Barbadoes street—

Wm. Manning

Ferry road—

S. Manning

BUTCHERS.**Colombo street—**

Bargrove and Young

W. H. Mein

Withey and Co.

D. Culbert

Cashel street—

Morgan and Lee

W. H. Mein

Lane, Bros.

Oxford terrace west—

J. Rosewarne

High street—

Jno. Smithson

Tuam street west—

John Gafforth

Cambridge terrace—

J. Rowe

Whately road—

Crosswell and Chisnall

Wm. Rossiter

C. W. Sharpe

CAB AND COACH PRO-**PRIETORS.****Barbadoes street—**

Wm. Dunne

Durham street—

Thos. Goodyer

Kilmore street—

H. W. Reid

Town Belt south—

— Mullings

— Brown

Royal Hotel—

G. Pope

Manchester street—

— Bectie

Papanui road—

S. Cookson

CANDLE AND SOAP**MAKERS.****Cashel street—**

John King

Colombo street—

Thos. Sheridan

CARPENTERS AND**BUILDERS.****Lichfield street—**

Josh. Bailey

Hereford street—

Balcke and Brouard

J. Hepburn

W. H. Marley

Kilmore street west—

Batten and Kilner

W. W. Dartnall

Kilmore street east—

J. A. Wood

Barbadoes street—

Wood, Bros.

Oxford Terrace west—

J. Fleming

St. Asaph street—

John Morrison

Arthur Ward

Ferry road, City Saw Mills—

F. Jenkins

Town Belt east—

Wm. Scarlet

Manchester street—

Charles Allison

Cambridge Terrace east—

Edwd. Coxhead

Peterborough street—

Williams and Lee

Armagh street—

— Kent

Thos. Dethier

Colombo street south—

Thos. Mollett

Cashel street—

Samuel Clarkson

John Lee

Durham street—

Jas. Goss

J. Buxton

Donald Anderson

Thos. Cooper

Papanui road—

J. Rutland

Thos. Purdie

Worcester street—

John Smith

Worcester street east—

W. Ness

Tuam street—

J. Johnson

Town Belt south—

R. Grey

CARTERS.**St. Asaph street—**

Barrett, Corner and Co.

Brown and Sons

J. Newson

Madras street—

H. Faulkenor

E. Gillon

Salisbury street—

J. Small

Thos. Lee

Tuam street west—

W. Lawrence

Peterborough street—

— Joyce

Town Belt north—

J. Badden

Chester street east—

Pepperill and Sons

Gloucester street west—

J. A. Nieman

— Falloon

Colombo street—

S. S. Brighting

CHAIR MAKERS.**Tuam street—**

Bates and Son

CHEMISTS AND DRUGGISTS.**Colombo street—**

Cook and Ross

J. C. Brooke and Co.

Cashel street—

Charles Robinson

High street—

Charles Rayner

J. Leach

T. Wallace and Co.

Oxford Terrace west—

CORN AND PRODUCE DEALERS.

High street—
W. D. Wood
P. Cunningham
Cashel street—
Cox and Baber
W. H. Lane
R. Meers
Gloucester street—
S. Treleaven
Tuam street west—
Joseph Johnstone
Whately road—
J. L. Wilson
Market place—
R. Brunnden

COFFEE AND SPICE GRINDERS.

Market place—
E. W. Trent
High street—
H. J. Hall

COACH MAKERS.

Papanui road—
H. Wagstaff
Cashel street—
Cobb and Co. (L. G. Cole and Co.)
Kilmore street—
J. Lane
Whately road—
C. Morgans

COFFEE AND DINING ROOMS.

High street—
Dunedin Club, Morton and Robertson
Tom's Coffee House, J. Lodge
Market place—
Temperance, J. Plank
Gloucester street—
G. Haward

COOPERS.

Market place—
J. and E. Ford
Tuam street—
G. Pepper
Chester street—
R. Savage

COPPERSMITHS AND BRAZIERS.

Colombo street—
Wm. Neeve
Armagh street—
E. Hiron
Market place—
J. H. Nieman
Tuam street west—
T. Williams

COMMISSION AGENTS, GENERAL.

Colombo street—
G. D. Lockhart
Brownell and Co.
Hereford street—
S. B. Stiffe
A. Louisson
C. F. Beeby
High street—
J. Ollivier and Son
Aikman and Wilson
Cashel street—
W. K. McLean and Co.
C. Alsop
Cathedral square—
E. W. Nicholson
Noall and Bowler
Market place—
R. Brunnden
Oxford terrace west—
F. Thompson
Worcester street—
Wm. Richardson

CORDIAL AND AERATED WATER MANUFACTURERS.

Cambridge terrace west—
Thos. Raine
Oxford terrace west—
Dearnly and Co.
St. Asaph street—
J. Milsom
Peterborough street—
T. Perkins

CORSET MAKER

Hereford street west
Mrs. G. B. Shaw

CUSTOM-HOUSE AGENTS

Hereford street—
A. Louisson
Cathedral square—
J. M. Heywood and Co
Tuam street—
Thiel, Mytton and Co

CURRIERS AND LEATHER SELLERS.

Colombo street—
R. Bridgeman
Gloucester street—
T. Wilson
High street—
A. J. White

DENTISTS.

Colombo street—
C. Cooper and Taylor
D. C. Anderson
Cashel street—
C. Robinson
Oxford terrace west—
John Parker

DRAPERS AND SILK MERCERS.

Colombo street—
Mrs. Williams
Mrs. Cohen
Steward and Bell
Fras. Grimes
E. Phillips
High street—
W. Strange and Co
Bethel Ware
Manchester street—
Mrs. Butler
Cathedral square—
H E and M S Lowther
Tuam street—
Wm. Cudden
Cashel street—
Stringer, Grierson, & Shackleton
Kirby and Co
William Pratt
William Gavin
Mrs. George

DYER AND SCOURER.

Oxford terrace east—
John Sellars

ELECTRICIAN.

Cashel street—
J. Woodford

ENGRAVERS, LITHOGRAPHERS, &c.

Gloucester street—
Ward and Reeves
Cashel street—
Doyle and Co.
Lichfield street—
N. Woolfe

FELLMONGERS.

Chester street east—
Papperill and Son

ENGINEERS AND MACHINISTS.

Cashel street—
John Anderson
Durham street—
Josiah Hadley
Manchester street—
Newton and Barnes
Tuam street north—
Thomas Williams

FANCY REPOSITORIES.

Colombo street north—
Miss Neeves
Colombo street—
Mrs. Pope
H. Leake
Cooke and Co.
Wheeler and Son
G. H. Roach
H. Marks and Co.
— Abrahams

GAS-FITTER.

Colombo street—
E. Reece

GENERAL DEALERS.

Colombo street—
Harris and Joseph
Benjamin and Co.
Waxman and Co.
Raphael and Co.
Greenland Harris
High street—
A. J. White
J. Oswald
Papanui road—
G. A. Bryan

GENERAL BOOKING OFFICE.

High street—
Cobb and Co.—
(L. G. Cole and Co.)

GLASS AND CHINA DEALERS.

Colombo street—
C. Prince
H. Leake
J. W. Anderson
Harris and Josephs
High street—
H. A. Davis
C. Oswald
Whately road—
W. A. Knapman

GROCERS AND GENERAL STORES.

Colombo street—
Sheppard and Co.
J. P. Jameson
J. Baillie and Co.
Colombo street north—
M. M. Wyatt
Mrs. Malcolm
H. Pratt
D. Bloom
W. Brown

High street—
T. R. Fisher
W. H. Davenport
S. Bean
H. J. Hall
W. H. Gourlay
Alex. Mathews
Mrs. Williams
J. Dix
T. D. Jones
Stewart and Tetley

Cashel street—
C. Kiver, jun.
R. and D. Sutherland
H. J. Hall
J. King

High street—
C. Prebble
B. Simpson
Cathedral square—
Mrs. Jackson
Oxford terrace west—
Edward Rich
Whately road—
Mrs. Atkinson

FISHMONGERS.

High street—
J. Carter
J. Strauss
Gloucester street—
G. Haward

FOUNDRIES.

Cashel street—
John Anderson
Tuam street west—
J. Williams
Manchester street south—
Newton and Barnes

FRENCH POLISHER.

Papanui road—
William Mansell

FRUITERERS AND GREENGROCERS.

Colombo street—
Hargood and Son
S. S. Brighting
High street—
J. Carter
William Pattinson
Stewart and Tetley
J. Boots
Oxford terrace west—
R. Allen
Whately road—
Tremayne
Gloucester street—
G. Haward and Co.

GARDENERS.

Lichfield street—
William Wilson
Antigua street—
William Hislop
Oxford terrace west—
G. Clarke
Barbadoes street—
Mrs. J. Dew
Durham street north—
J. Pearce
Tuam street—
R. Chudley
Kilmore street—
William Swale
J. Greenaway
St. Asaph street west—
M. Craddock
Town belt east—
Kitchenman

Lichfield street west—
H. Flavel

Lichfield street east—
Mrs. Allinson

Madras street—
H. B. Jeffries and Co.

Peterborough street—
H. B. Jeffries

Gloucester street—
H. J. Waters

Market place—
J. De la Mare

Montreal street south—
H. Lowther

Oxford Terrace west—
R. Allen

Papanui road—
Alex. Dallas
Cudden and Muning

Whately road—
W. A. Knapman
J. Atkinson

— Harker

Tuam street—
W. Cudden
William Gourlay

HAIR DRESSERS, &c.

Colombo street—
A. Ayers
C. Griffin

High street—
C. Prebble
J. Vinson

Cathedral square—
W. Brice

Cashel street—
W. C. Christian

Tuam street—
J. Prestnail

HATTERS AND HOSIERS.

Colombo street—
F. Roach

HORSE REPOSITORIES AND SALE YARDS.

Cashel street—
W. D. Barnard
J. Ladbroke

Hereford street—
Wm. Edds

Railway Station, Town Belt S.—
G. D. Lockhart

HOTELS AND TAVERNS.

Colombo street—
Albion, J. H. Tompkins
Garrick, J. Fielder
Oxford, A. A. Adley
Duke of Wellington, Wm. Crowe
Victoria, C. Money
Market Hotel, Smith and Co.
Golden Fleece, Campion, Bros.

Fire Brigade, J. Mummery
Caledonian, F. Newnham
Central, C. Moir
Golden Age, Warner and Co.
Pavilion, D. McLachlan
Railway Chop House, T. B. Thompson
A 1 Commercial, J. Blake
Mechanics, F. Muller
Prince of Wales, W. Watson

High street—
The City, J. Ruddenklau
White Hart, R. Beston
Dunedin Club, Morton and Robinson
The Harp, J. O'Hara
Glasgow Arms, J. Forrester

Durham street—
Devonshire Arms, J. Hart

Oxford Terrace East—
Mills's Hotel, — Osborne

Antigua street south—
Shearer's Arms, T. Dearing

Cathedral square—
White's Hotel, W. White

Manchester street—
The Warwick, Beattie and Co.
Railway, —

Hereford street—
Collins's Hotel, J. Collins
The Shades, Joseph Hobbs

Ferry road—
Caversham, J. Lippard

St. Asaph street—
Barrett's Hotel, Barrett, Bros.

Cashel street—
Rotherfield, H. G. Burnell
Earl of Zetland, Brooker and Son
The Blighted Cabbage, W. D. Barnard
Clontarf House, Mrs. Hossack
Provincial, R. Warner
Eastern, Noah Edgar

Town Belt north—
Carlton, G. Oram

Market place—
Royal Oak, J. G. King

Tuam street—
White Swan, R. Russell
White Horse, W. E. Samuels
Wellington, Peter Noonan
Star, H. Allechin

Whately road—
Britannia, J. Mummery

Lincoln road—
Kohler's Gardens, R. W. Kohler

Riccarton road—
The Plough, J. Dilloway

Oxford terrace west—
Standard, W. Willis
British Crown, S. Clarke
Royal, Albert Cuff

Montreal street north—
Junction, Josh. Brunt

Montreal street south—
King's Arms, Jas. Banks
Crown, T. Sharpe

Gloucester street—
Criterion, J. E. Darby
Shakespeare, H. C. West
Volunteers' Arms, W. Styche

Town Belt south—
Railway Station, W. Lawrence

INSURANCE COMPANIES.

Cashel street—
Liverpool and London and Globe, W. Bowler, agent

Colombo street—
London and Lancashire, J. Lewis
Australian Mutual Provident Association, J. Lewis
New South Wales, Fire and Marine, Brownell and Co.

Cathedral square—
New Zealand, J. M. Heywood and Co.
North British Mercantile, R. Symington
Australasian, Matson and Co.

Hereford street—
Colonial (Life), Burnell, Bennett and Sprot
Victorian, Walton, Warner and Co.
Royal, Miles and Co.
European, Harman and Stevens

Oxford terrace—
Northern, F. Thompson

High street—
Imperial, Dalgety and Co.
Pacific Fire and Marine, J. T. Peacock

Tuam street—
Australian Alliance Assurance, Thiel, Mytton and Co.

IRONMONGERS.

Colombo street—
E. Reece
Wm. Neeve

High street—
A. Mein
T. W. Gourlay and Co.
H. H. Nashelski
J. Rowley
J. Rowley, jun.
W. Calvert

Hereford street—
Hawkes and Strouts

Cashel street—
H. G. Burnell

Tuam street west—
Thos. Williams

Whately road—
T. Partridge
W. A. Knapman

Lichfield street—
G. Booth

LAW STATIONER.

Cashel street—
J. G. Baker

LAND AND ESTATE AGENTS.

Colombo street—
Luck and Clark
H. E. Alport
G. D. Lockhart

Cathedral square—
Matson and Co.
DeBourbell and Co.

High street—
Aikman and Wilson
J. Ollivier and Son

Hereford street—
Burnell, Bennett and Sprot
S. B. Stiffe
C. F. Beeby
Harman and Stevens

LOAN AND TRUST AGENCY COMPANIES.

Hereford street—
Trust and Agency of Australasia, C. R. Blakiston
Provincial Trust and Loan, Harman and Stevens

Cashel street—
New Zealand Trust and Loan, W. D. Carruthers

LIVERY AND COMMISSION STABLES.

Cashel street—
W. D. Barnard
J. Ladbroke
Cobb and Co. (L. G. Cole and Co.)
Earl of Zetland Hotel

Colombo street—
Wm. Crowe

High street—
Joseph Page
White Hart

Hereford street—
Wm. Edds
G. Morgan
J. Collins

Tuam street—
Royal Hotel

Oxford terrace west—
T. Shailer

Market place—
A. W. Money

Durham street
Moorhead and Campbell

Ferry road—
Caversham Hotel

LODGING AND BOARDING HOUSES.

Cashel street—
Mrs. Hossack, Clontarf House

Armagh street—
Mrs. Unwins, Clifton House
Mrs. Grey

St. Asaph street east—
Mrs. Patterson, Allenton House

St. Asaph street west—
M. Craddock

St. Asaph street—
M. Fawcett, Burlington House

Tuam street—
Swinbourne, Diggers' Rest

Market place west—
John Plank, Temperance

Market place east—
Smith and Co., Market Hotel

Oxford terrace west—
D. M'Clellan

Manchester street—
A. Thiele

Salisbury street east—
H. Crooks

MEDICAL PRACTITIONERS.

Cashel street—
B. Parkerson, M.D.
E. H. Marshall, Surgeon

Madras street—
J. S. Turnbull, M.D.

Armagh street east—
W. Deamer, M.D.

Armagh street west—
C. Nedwill

Colombo street south—
J. D. Frankish, M.D.

Whately road—
R. Illiffe

High street—
C. Leach

Oxford terrace west—
J. W. S. Coward, Surgeon
L. L. Powell

Hospital, &c.
H. H. Prins

Cambridge terrace west—
Captain Wilson, Medical Galvanist, &c.

MERCHANTS, GENERAL.

Colombo street—
G. Gould
Sheppard and Co.
Brownell and Co.
R. Raece

High street—
E. S. Dalgety and Co.
J. D. Macpherson;
Aikman and Wilson
Wilson, Burnell and Co.
L. E. Nathan and Co.
T. Mason and Co.]

Hereford street—
Miles and Co.
Burnell, Bennett and Sprot
Hawkes and Strouts
Walton, Warner and Co.
Morrison, Sclanders, Fletcher, and Co.
A. Louison

Cathedral square—
R. Symington
Matson and Co.
G. Buckley
J. M. Heywood and Co.
White and Co.

Manchester street—
Taylor and Co.
Millton and Co.
Aikman, Knight and Co.

Cashel street—
Montgomery, Todhunter and Co.
W. K. M'Lean and Co.

Lichfield street—
Peacock and Co.

Tuam street—
Thiel, Mytton and Co.
R. J. Stanley

MERCHANTS, WINE AND SPIRIT.

Cashel street—
Montgomery, Todhunter and Co.

Hereford street—
Burnell, Bennett, and Sprot

High street—
James Grant

Colombo street—
W. K. M'Lean and Co.
E. B. and F. A. Bishop

Cranmer square—
D. M'Farlane and Son

MERCHANTS, TIMBER, COAL, &c., &c.

Cashel street—
Montgomery, Todhunter and Co., and Christchurch quay

Lichfield street—
Henry Piper and Co.

Manchester street—
Millton and Co., and Union wharf
Aikman, Knight and Co., and Heathcote wharf

Cathedral square—
Hilton and Co.
W. White and Co.

Gloucester street—
T. and E. Pavitt, and Riccarton

High street—
Langdowne and Co.

Durham street north—
Taylor and Whiteside

Colombo street south—
Montgomery, Todhunter and Co.

MILLERS.

Riccarton—
W. D. Wood

Hereford street—
W. H. Lane

Town belt north—
E. Searle

MILLINERS AND DRESS-MAKERS.

Gloucester street—
Hicks and Moore

Cashel street—
Mrs. George
Mrs. W. Pratt
Mrs. Jones
Miss Hamilton

Hereford street—
Mrs. Culbert
Mrs. George B. Shaw

Manchester street—
Mrs. Butler

Colombo street north—
A. and M. Smith
Mrs. Doran
Mrs. Williams
Mrs. Cohen
Mrs. Walters

Durham street—
Mrs. Jackson

Papanui road—
Mrs. Waites

Kilmore street—
Mrs. Reid
Miss Winkill

St. Asaph street—
Mrs. Clarke

NEWS AGENTS.

Colombo street—
Mrs. Pope
Cooke and Co.
A. T. Bradwell

Cashel street—
J. Hughes
J. G. Baker

High street—
A. J. Stevens

NEWSPAPERS.
"Lyttelton Times," Gloucester street
"Press," Cashel street
"Evening Mail," High street
"Canterbury Standard," Oxford terrace west

NOTARIES, PUBLIC.

Manchester street—
G. W. Nalder
Cashel street—
J. C. Helmore
Gloucester street—
Travers, Hammer and Harper
— Arnold
Cathedral square—
Garrick and Cowlishaw

PAINTERS, PLUMBERS AND GLAZIERS.

Colombo street—
W. S. Baker
Paton
High street—
St. Quinten
J. Smith
Market place—
G. Lummis
Jones
Town belt east—
W. Bush
Gloucester street—
W. E. Samuels
Whately road—
G. W. Allen
G. Bryan
Town Belt south—
W. S. Denniss
R. J. Peney
Durham street north—
Thompson and Baldwin

PHOTOGRAPHERS.

Colombo street—
Wheeler and Son
Oxford Terrace West—
J. Ellsbee
C. Martin
High street—
Mundy and La'Mert
Lichfield street—
Price and Walker

POULTERERS.

Cashel street—
W. Dorsett
Durham street north—
S. Denniss

PICTURE FRAME MAKER.

Kilmore street—
H. V. Fielder

PIANOFORTE MAKER.

Hereford street—
W. Howell

PRINTERS.

(Vide Newspapers.)

PROFESSORS OF MUSIC, &c.

Cashel street—
C. Bonnington
— Waddington
Armagh street east—
Mrs. Johnson
Oxford Terrace west—
Mrs. Clarke
Hereford street—
J. Bilton
Lincoln road—
R. W. Kohler
Charles Zingraff
Colombo street—
— Phillips
Lichfield street—
W. J. Speedy
Durham street north—
Misses Paynter

RESTAURANTS, &c.

(Vide Coffee and Dining Rooms.)

SADDLERS.

Colombo street—
G. Boggiss
High street—
J. Wood
S. Manning
Market Place—
J. Earnshaw
Whately road—
G. Peters
Cashel street—
J. C. Angus
Tuam street west—
Thomas Hackett

SEEDSMEN.

Lichfield street—
W. Wilson
Cashel street—
H. G. Burnell
Duncan and Son
Colombo street—
Wm. Hislop

SCHOOLS, PUBLIC.

Antigua street—
College Grammar, Head
Master, &c., vacant.
Durham street—
Church of England, St.
Michael's; F. G. Haw-
ley, Miss Hawley
Manchester street—
Church of England, St.
Luke's; D. Hampden,
Mrs. Young.
Avonside—
Church of England; Mr.
McClure

Lincoln road—
High school, D. Scott
Durham street north—
Wesleyan; J. Cumberworth
Miss Penberthy
Barbadoes street south—
Catholic; E. O'Conner, Mr.
Vallam

SCHOOLS, PRIVATE.

Armagh street west—
Miss Ashwin, Ladies' Semina-
ry
Cranmer square—
Mrs. Alabaster, Preparatory
Miss Manchee, Preparatory
Peterborough street—
Ladies' Academy, Misses Col-
lins
Lichfield street—
Ladies' Academy, Misses Har-
chinson
Charles
Infants' Day School, Mr.
Weedon
St. Asaph street—
Ladies' Academy, Misses
Cameron
Hereford street—
Ladies' Academy, Miss Nelson
Montreal street south—
Preparatory, Mrs. Wrigley
Armagh street—
Ladies' Academy, Misses
Hicks
Oxford Terrace east—
Boys' School, C. Jones
Colombo street north—
Boys' School and Night
School, Vacant

SERVANTS' REGISTRY.

Worcester street—
"Servants' Home," Mr.
Ritchie
Cashel street—
J. Parker
High street—
A. J. Stevens

SLATERS.

Cathedral square—
Gibb and Midgeley
Tuam street—
J. Booth
St. Asaph street—
J. Brooker and Son
J. Stills

SOLICITORS, &c.

Manchester street—
T. S. Duncan
G. W. Nalder
Lichfield street—
Francis Slater
T. J. Joynt

Gloucester street—
Travers, Hammer, and Harper
A. C. Cottrell
J. S. Williams
C. J. Foster, LL.D.
Cathedral square—
Moorhouse and Macfarlan
Garrick and Cowlishaw
Cashel street—
J. C. Helmore
F. J. Wilcocks
Hereford street—
W. H. Wynn Williams
Colombo street—
R. W. Fereday

STEAM SAWING AND PLANING MILLS.

Ferry road—
F. Jenkins
Tuam street—
J. Booth

STONE MASONS.

Durham street north—
J. McCosker
J. Fargon and Sons
Cambridge Terrace east—
— Sherriffo
Montreal street—
Jas. Tait
Chester street east—
W. Blythe
Lichfield street—
Gregg and Brook

STOCK AND STATION AGENTS.

Hereford street—
Burnell, Bennett and Sprot
Miles and Co.
C. F. Beeby
Wilson, Burnell and Co.
Colombo street—
G. Gould
G. D. Lockhart
E. Mitchell and Co. (at H.
Matson and Co.'s.)

High street—
J. D. Macpherson
Aikman and Wilson
J. Ollivier and Son
E. S. Dalgety and Co.
Cathedral square—
DeBourbel and Co.

STRAW BONNET MAKERS.

Cashel street—
Miss Hamilton
Tuam street west—
Mrs. Winney

TAILORS AND CLOTHIERS.

Colombo street—
G. Fletcher
Hobbs and Sons
D. Phillips

Cashel street—
Stringer, Grierson and
Shackleton
Alex. Mills
W. Mackenzie
High street—
W. Pengelly
H. Moss
Raphael and Co.
Gloucester street—
J. Pappriil
John Morgan

TOWN CRIERS.

St. Asaph street—
J. Hancock
Whately road—
J. Wigzell

TINSMITHS.

Cashel street—
W. Calvert
Lichfield street—
John Tompkins
High street—
J. Rowley, son.
J. Rowley, jun.
W. Calvert
Market square—
J. H. Niemann
Armagh street—
E. Hirons

TOBACCONISTS.

Colombo street—
G. H. Roach
A. Ayers
H. Marks and Co.
High street—
B. Simpson
A. Phillips
Cashel street—
E. Hitches
H. H. Smith
Oxford Terrace west—
E. Rich

TENT AND TARPAULIN MAKERS.

High street—
A. Abrahams

UNDERTAKERS.

Cambridge Terrace west—
Alfred Osborne
High street—
J. Baldwin
Whately road—
J. Rutland

UPHOLSTERERS AND CABINET MAKERS.

Colombo street—
J. Baldwin
Cambridge Terrace west
Alfred Osborne
Whately road—
Walters and Co.
J. Harker
Tuam street—
W. Webb

Oxford Terrace west—
G. Clarke
Tuam street east—
Bates and Son
Hereford street—
W. Howell
Manchester street—
W. O. Cawkwell
Armagh street—
J. Dethier

VETERINARY SURGEONS.

Durham street north—
E. Knapman
Cathedral square—
Thos. Hill
Tuam street west—
J. Rule, sen.
Whately road—
J. Hankin

WATCHMAKERS AND JEWELLERS.

Colombo street—
G. Coates
A. Urquhart
D. C. Anderson
Stoddart and Co.
J. C. Barnard
High street—
J. Woodford
B. Petersen
J. Cockcroft
Cashel street—
H. Smith
M. Sandstein
WOOD TURNER.

Durham street north—
J. Inglesson
WOOD ENGRAVER.
J. S. Willis
WHEELWRIGHTS.

Tuam street west—
R. Coupe
Kilmore street—
Thos. Cooper
Cashel street—
J. Hossack

Hereford street—
T. Anderson
Montreal Terrace south—
J. Johnston
Manchester street—
— Armstrong
Cashel street—
Howland (Cobb and Co.)
Peterborough street—
J. King

ZINC AND METAL WORKERS.

Town Belt north—
J. Plunkett
Market place—
J. H. Niemann
Armagh street—
E. Hirons

LYTTELTON.

AERATED WATER MANUFACTURERS.

Milsom, R., London street
Geo, T. M., Canterbury street
O'Hara, W., Dampier's bay

ARCHITECT AND SURVEYOR.

Igglesden, Chas., Donald street

AUCTIONEERS.

Hargreaves, W. H., Norwich quay
Wollege, C. H., Oxford street
Preece, Wright and Co., Norwich quay

BAKERS AND CONFECTIONERS.

Geo, T.M., Canterbury street
Hunter, J., London street
Olliver, Wm. do
Bunker and Son do
Collier, J. do

BANKS.

Union Bank of Australia, Norwich quay; E. D. Byrne, manager
Bank of New Zealand, London street; J. Kiesel, manager
New South Wales, Norwich quay, T. McDonald, manager

BALLASTMEN.

Bennington, J., London street
Fitzsimonds, Wm. do

BLACKSMITHS.

Childs, Josh, London street
Child and Co., Oxford street
Grange, Thos., Bridle path

BOARDING-HOUSE KEEPERS.

Card, Mrs., Hawkhurst road
Derry, Mrs., Winchester street
Chapman, John do
Gundry, Sml., Waidliffe House, Dampier's bay

Lealie, T., Saxon Dining Rooms, Norwich quay

BOOKSELLERS AND STATIONERS.

Mills, E. London street
Tayler, Geo. do
Rayner, W., Oxford street

BOOT AND SHOE MAKERS.

Milnes, John, Norwich Quay
Meech, J., London street
Percy, John do
Walker, Wm. do

Young, Wm., Canterbury street

BRICKLAYERS.

Salt and Hinnet, Salt's gully
Salt, Wm., Hawkhurst road
Graham and Weyburn, Oxford street

Chalmers and Hall, Brenchley farm

BUILDERS AND CONTRACTORS.

England, Bros., Oxford street
Graham and Weyburn, do
Mutton, Thos. do
Salkield, Wm., Dampier's bay
Stout, James, London street
Weastell, A., St. David street
Chalmers and Hall, Brenchley Farm

BRICKMAKERS.

Dransfield, J. Voelas road
Graham and Weyburn, Oxford street

BUTCHERS.

Fox and Co., London street
Armitage, Bros. do
Carroll and Co., Norwich quay

CABINET MAKERS.

Bundy, D., London street
Godfrey, Wm., Exeter street
Willcox, J. S., Canterbury street
Shepherd, Chas., London street

CARRIERS

TO CHRISTCHURCH.

Dimond, Bros., Winchester street
Reid, Wm., Dampier's bay
Merson, John do
Nurse, Chas., Norwich quay

CARPENTERS.

England, Bros., Oxford street
Mutton, Thos. do
Weastell, A. do
Stout, J. B., London street
Buist, J., Sumner road
Salkield, Wm., Dampier's bay

CARTERS.

Scott, Geo., Salt's gully
Dimond, Bros., Winchester street
Graham, Jas., Brenchley farm
Merson, Voelas road
Reid, Wm. do
Nurse, Chas., Norwich quay
Pearson, S., Winchester street
Olliver, Wm., London street
Kenner, J., Exeter street
Graham and Weyburn, Oxford street

CHEMISTS AND DRUGGISTS.

Bayfield, M., Canterbury street
Ellesden, E. S., London street

COOPER.

Duncan, Wm., London street

COACH OFFICE.

Cobb and Co., Queen's hotel

COAL YARDS.

Fleming, James, Oxford street
Peacock and Co., wharf
Miles and Co., Norwich quay
Macpherson, J. D., do

CUSTOM-HOUSE AGENTS.

Heywood and Co., Norwich quay
Preece, Wright and Co. do
Miles and Co. do
Peacock and Co. do
Dalgety and Co. do
Fielder, R. do
Johnson, Geo., Oxford street
Louisson, A. do
Wollege and Co. do
Macpherson, J. D., Norwich quay
Davis, D. do
Ward, A. W., London street

DAIRYMEN.

Baker, Chas., London street
Buckley, H., Gollan's bay
Ashworth, Robert, Purau, Rhodas bay
Ford, Henry, Cass' bay
Dowdall, Thos. do
Mitchell, Thos., Exeter street
Oldfield, Wm., College land
Chalmers, A., Brenchley farm

COMMISSION AGENTS.

Preece, Wright and Co., Norwich quay
Willcox, J. S., Oxford street
Johnson, G. B. do
Wollege and Co. do
Genet, Edward do
Louisson, A. do

DEALERS IN FANCY GOODS.

Tayler, Geo., London street
Tucker, Mrs. do
Mills, E. do
Billens, R., Oxford street

DRAPERS AND CLOTHIERS.

Brooke, Richd., London street
Merson, Thos. do
Pearce, W. C. do
Heslop, Geo., Canterbury street
Street, Mrs. do
Cameron, Bros., Norwich quay
Shepherd, Chas., London street

ENGINEERS AND MACHINISTS.

Grange, Thos., Bridle-path
Austin, Wm., London street

GARDENERS.

Arthur, Z., Jackson road

MILLINERS AND DRESS-MAKERS.

Roper, Mrs., London street
Chapman, Mrs., Winchester street
Austin, Mrs. W., London street
Pearce, Mrs. W. C. do
Hamilton, Mrs., Dampier's bay

GREEN-GROCERS.

Chillingworth, Mrs., Canterbury street
Webb and Sons, Brenchley farm

HAIRDRESSER.

Dash, Mrs., London street

HOTELS AND PUBLIC HOUSES.

Albion Hotel, J. Hill, London street
Rising Sun, R. Belgrave, do
Odd Fellows' Arms, S. Pearson, Winchester street
Railway Hotel, D. Palmer, London street
Queen's, I. N. Fairhurst, London street
Robin Hood, P. Cameron, Norwich quay
Mitre Hotel, W. Julian, Norwich quay
Canterbury Hotel, W. Stanley, Norwich quay

IRONMONGERS.

Reece and Co., Oxford street
Preece, Wright and Co., Norwich quay
Austin, Wm., London street

LIGHTERMEN.

Cameron, Bros., Norwich quay
Rhodes, Alfred, Oxford street
Reece, E. do
Miles and Co., Norwich quay
Hall, Ritchie and Co., do
Peacock and Co. do
Holmes and Co., Railway wharf

LIVERY STABLES.

Cobb and Co., Queen's Hotel
Hill, J., Albion Hotel

LLOYD'S AGENT.

Macpherson, J. D., Norwich quay

MERCHANTS.

Dalgety and Co., Norwich quay
Hall, Ritchie and Co. do
Davis, D., Oxford street
Dunsford, H., Norwich quay
Macpherson, J. D. do
Hargreaves and Co. do
Miles and Co. do
Heywood and Co. do
Peacock and Co. do
Taylor and Co. do
Wollege and Co., Oxford street
Walton, Warner and Co., Canterbury street
Renshaw, H., Oxford street

MILLINERS AND DRESS-MAKERS.

Roper, Mrs., London street
Chapman, Mrs., Winchester street
Austin, Mrs. W., London street
Pearce, Mrs. W. C. do
Hamilton, Mrs., Dampier's bay

NEWSPAPER AGENCIES.

Times office, Oxford street
Press, Norwich quay
Evening Mail, London street

NOTARY PUBLIC.

D'Oyly, R. W. C., London street

PAINTERS AND GLAZIERS.

Balestiee, J. L., Oxford street
Cummins, Wm., London street

PHOTOGRAPHIC ARTISTS.

Rowbottom, A. T., London street
Swinbourne, W., London street

PRINTER.

Rayner, Wm., Caxton office, Oxford street

SAILMAKERS.

Dunsford, Henry, Norwich quay
Forbes, Robt., Canterbury street

SCHOOLS.

Church of England, Winchester street, J. Ward, master
Presbyterian, Winchester street, J. Ross, master
Wesleyan, Winchester street
Perrin, Mrs. (ladies'), Canterbury street
Alexander, Miss (ladies'), Jackson road

SHIP CHANDLER.

Dunsford, Henry, Norwich quay

SHIPWRIGHTS.

Grubb and Allen, Beach
Arkis, J., Dampier's bay
Westlake, Thos. do
Jenkins, B., Sumner road

SOLICITORS.

D'Oyly, R. W. C., London street
Nalder and Son, Oxford street

STOREKEEPERS.

Bunker and Son, London street
Merson, Thos. do
Hawkins, H. do
Hunter, J. do
Fyfe, J. G. do
Herbert and Co. do
Olliver, Wm. do

Ward, A. W., London street
Collier, J. do
Hester, Thos., Oxford street
Mutton, Thos. do
Geo, T. M., Canterbury street
Chillingworth, Mrs. do
Stout, J. B., London street

STONEMASONS.

Graham and Weyburn, Oxford street
Chalmers and Hall, Brenchley farm
Chaney, Wm., Winchester street

SURGEONS.

Rouse, J. T., London street
Motley, Chas. do

TAILORS AND OUTFITTERS.

Brooke, Richard, London street
Macdonald, W. do
Kellaway, Thos., Canterbury street

TINSMITHS.

Billens and Son, Oxford street
Austin, W., London street

UNDERTAKERS.

Hester, Thos., Oxford street
Weastell, A. do
Stout, J. B., London street

WATCHMAKER.

Hales, Mark, London street

WATERMEN.

Messiter, Geo., Canterbury street
Agar, Geo., St. David street
Cochrane, John, Winchester street
Plumber, Geo., St. David street
O'Neil, D., London street
O'Neil, James, London street
Genet, Wm., Oxford street
Smeaton, Thos., London street
Brown, George, Winchester street
Whyman, Thos., Sumner road
Newton, John, Oxford street
Woods, Wm., London street
Stamford, Wm., London street
Roberts, J., Sumner road
Ockford, Thos., Sumner road
Strickand, David, Oxford street

WHARFINGERS.

Peacock and Co., Norwich quay

WINE AND SPIRIT MERCHANTS.

Wollege and Co., Oxford street
I. N. Fairhurst, Queen's Hotel

WOOD TURNERS.

Bundy, D., London street
Salkield, Wm., Dampier's bay

K A I A P O I.

BAKER.

A. Weston, Island

BANKERS.

Bank of New Zealand, Charles street; W. Gilkinson, Manager
BILLIARD ROOM.

Kaikainui Hotel, J. Grant, Peraki street

BLACKSMITHS.

James Anderson, North road
Joseph Keetley, Peraki street
G. Thomas, Raven street
Henry Middleton, Cookson street

BOOT AND SHOE MAKERS.

John Moore, Charles street
Alfred Clarke, North road
— Allen, Peraki street
Robert Moderate, Charles street

BOOKSELLER AND STATIONER.

John Hebden, Cookson street

BREWERS.

Rickman, Brothers, Sidey Quay

BRICKLAYERS.

W. A. Ayers, North road
J. Henwood, Peraki street
Thomas Pearce, Sewell street

BRICKMAKERS.

Belcher and Co., North road

BUTCHERS.

Weston and Parnham, Charles street
James Morrison, Cookson street

CARPENTERS AND BUILDERS.

G. Hancock, Charles street
R. Powrie, Island
R. W. Smith, Cass street
E. Wright, Sneyd's town
T. Pearce, Sewell street
Weston and Ashworth, Peraki street

R. H. Mathews, Charles street

CARTERS.

Belcher and Fairweather, North road

John Simms, Charles street
John Harper, North road
Robert Hunter, Peraki street
H. Buchanan, Charles street

CHEMIST AND DRUGGIST.

James Swann, Charles street

CIRCULATING LIBRARY.

John Hebden, Cookson street

COOPER.

Matthew Hall, Raven street

COMMISSION AGENTS.

Birch and Co., Charles street
Rickman, Brothers, Sidey Quay

CORDIAL AND FERATED WATER MANUFACTURER.

James Swann, Charles street

DRAPER.

A. Spillard, Charles street

FELLMONGERS.

Haine and Shaw, Charles street

FISHMONGERS.

Francis and Co., Peraki street

GENERAL STOREKEEPERS.

G. C. Black, Charles street
Alfred Weston, Black street
J. Winterbourn, Peraki street
F. S. Funston, Charles street
E. G. Kerr, Cookson street
Newnham and Buddle, Charles street
C. Lezard, Charles street

HORSEBREAKERS.

W. Jannaway, Charles street
Ben George, Peraki street
G. Edwards, Island
R. J. Greening, Charles street

GARDENER.

Eli Barter, North road

HOTELS.

Mandeville Hotel, W. Hammett, Raven street
Pier Hotel, Oram, Brothers, Charles street
Kaipoi Hotel, R. J. Greening, Charles street
Exchange Hotel, James Perrin, Jones street
Ferryman's Arms, W. Burnip, North road
Kaikanui Hotel, J. Grant, Peraki street
Sneyd's Arms, B. Jeffs, Sneyd's Town

INSURANCE AGENTS.

Birch and Co., Charles street
Rickman, Brothers, Sidey Quay

LADIES' SCHOOL.

Miss Parnham, North road

LODGING HOUSE.

Choltenham House, C. Fairweather, North road

LIVERY STABLE KEEPERS.

W. A. Crooke, North road
R. J. Greening, Charles street
John Simms, Charles street

MEDICAL PRACTITIONERS.

C. Dudley, Ohoko road
B. Hill Humpage, Charles street
W. Welch, Peraki street

MERCHANTS.

Birch and Co., Charles street
J. D. Macpherson, Raven street
Rickman, Brothers, Sidey Quay

NEWS AGENTS.

"Lyttelton Times," J. Hebden, Cookson street
"Press," J. L. Wilson, Cookson street
"Canterbury Standard," W. L. Powell, Swing Bridge

PAINTERS AND GLAZIERS.

F. S. Funston, Charles street
H. Oram, Charles street
J. Jones, Peraki street
— Bate, Sewell street

PHOTOGRAPHIC GALLERY.

Charles street

POUNDKEEPER.

M. Lynskey, North road

SADDLER.

P. L. Neilson, Charles street

SCHOOLS.

J. Mathews, Church of England, Island
W. H. Wake, Wesleyan, Island

SOLICITOR.

J. C. Porter, Raven street

TAILOR.

Thomas Taylor, Peraki street

TURNER.

J. Winterbourn, Peraki street

UNDERTAKER.

G. Hancock, Charles street

WHEELWRIGHTS.

B. Elliss, Cookson street
Hall and Neville, Peraki street

WOOLBROKERS.

Birch and Co., Charles street

R A N G I O R A.

AUCTIONEERS.

Buss and Hepworth

BAKERS.

William Sansom
William Gorden

BLACKSMITHS.

E. Melbourne
John Johnston

BOOT AND SHOE MAKERS.

Luke Hunnibell
Gregory Nicholas
J. Perrott
Thomas Pring

BREWERS.

George F. Howard
Rickman, Brothers

BRICKLAYERS.

John Evans
Richard Evans
Samuel Golding
Richard Golding
Abraham King

BRICKMAKER.

George Rowley

BUTCHERS.

George Hessel
John Lilly

CARPENTERS AND BUILDERS.

James Barker
Bramley and Robinson
George Dale
Joseph Frost
James Horniblow
G. T. D. Holton
Charles Jennings

CURATE.

Rev. A. P. O'Callaghan
BLACKSMITHS.

W. A. Reed, T. Cusden

BRICKLAYER.

G. Keats

BUTCHERS.

I. Marsh, H. Sedcole

BAKER.

T. W. Peacock

BLACKSMITHS.

J. Barclay, — Tankard, P. Amberley

E. Rossiter
R. Schmidt
William Pearce
J. Tourell
E. Withers

CARRIERS.

George Bailey
William Sansom

CHEMISTS AND DRUGGISTS.

C. Bourke
James Swann

COMMISSION AGENTS.

Buss and Hepworth
J. Fuller
Fred. J. Ellmer
Rickman, Brothers

HOTELS.

Lion Hotel, Thos. Wycherley
Rangiora Hotel, W. T. Baugh
Masonic Hotel, Edward Steggall
Plough Inn, Solomon Stephens

LIVERY STABLE KEEPER.

W. Sansom, jun.

MEDICAL PRACTITIONERS.

W. B. Tripe
J. B. Downes

MILLERS.

Cam Mill, J. Marshall
Rangiora Mill, J. Grimwood
Southbrook Mill, Edward Steggall

MILLINERS.

Miss Blunden
Mrs. Purvis
Miss Wright

NURSERY AND SEEDSMEN.

William Ivory
J. Jossling

NEWS AGENTS.

Thomas Thompson and Co.

PAINTERS AND GLAZIERS.

Frederick Lilly
R. Watking

POST OFFICE.

Henry Blackett

POUNDKEEPER.

T. W. Heath

REGISTRAR OF BIRTHS,
DEATHS AND MARRIAGES.
W. B. Tripe

SADDLER.

John Keast

SCHOOLS.

Rangiora District—Church of
England SchoolBoys', Mr. Merton
Girls', Mrs. Smith
Wesleyan—Boys' and girls', Mr.
T. W. Heath

STOREKEEPERS.

Henry Blackett
Fredk. Bean
Edward Good
Newnham and Buddle
William Sansom, sen.
William Sansom, jun.
Thomas Thompson and Co.

SURVEYOR.

Fredk. Jno. Elmer

TAILOR.

William Sansom, sen.

UNDERTAKER.

Charles Jennings

WHEELWRIGHT.

James Horniblow

O X F O R D.

CARPENTERS AND BUILDERS.

W. and J. King, — Coldwell

GENERAL STOREKEEPERS.

S. Redfern, I. Marsh, T. Woodfield

HOTELS.

J. Lee; D. Fisher, Forest Inn;
F. Luers, Harewood Hotel

L E I T H F I E L D.

BRICKLAYER AND STONEMASON.

W. Dalgleish

BRICKMAKER.

T. H. James

BUTCHER.

H. Mahler

CARPENTERS AND BUILDERS.

A. W. Rowland, J. and J. Stoven-

son, Alex. Greig (Amberley),
D. Shaw
CARTERS AND CON-
TRACTORS.
J. Neville, J. Matthews
COWKEEPER.
D. M'Lean
COACHES.
Cobb and Co.—daily to and from
Christchurch; and three times
a week to Hurunui
DRESSMAKERS AND
MILLINERS.
Mrs. Mathews, Misses Hawley
GENERAL STOREKEEPERS,
J. White and Co.
HORSE BREAKER.
A. Dillon

HOTEL KEEPERS.
J. Leith; C. E. Paget, Weld Arms
LABOURERS.
H. Baker, S. Farley, J. Middleton,
J. Oliver
LIVERY STABLES.
J. Leith
LODGING HOUSE KEEPER.
J. Smith
MILLERS—CORN.
Alex. Milne, W. T. Stephens
SADDLER.
T. M'Naught
NURSERYMAN.
G. F. Lock
POLICE SERGEANT.
A. J. Barsham

POST OFFICE.
J. S. Woodhouse, Postmaster
Mails to Saltwater Creek, Kaiapoi,
Christchurch, &c., daily
Mails to Hurunui and Amuri,
Mondays, and Wednesdays
RESIDENT MAGISTRATE.
W. B. Pauli.—Resident Magis-
trate's Court, every second Thurs-
day
SCHOOL.
T. Morrison
SHIPWRIGHT.
Thomas Muir
SHOEMAKER.
—Lenton
SURGEON.
M. Morris
WHEELWRIGHTS.
D. Shaw, — Winskill (Amberley)

AKAROA.

BAKERS.
Mrs. Brown; A. Rodrigues
BLACKSMITHS.
F. B. Irwin; J. Reed; R. Williams
BUTCHERS.
F. Lelievre; B. Shadbolt
BOAT BUILDER.
A. Leproux
BOOT & SHOEMAKERS.
James Annand; S. Fife; J.
Breitmeyer
BREWER.
George Haylock
BRICKLAYERS.
C. Blackbee; E. W. Morey
BRICKMAKERS.
J. Libeau; E. W. Morey
BILLIARD ROOMS.
B. Shadbolt; T. Adams
CARPENTERS & JOINERS.
J. Bates; J. Cullen; J. Allott; E.
Diteby; T. Houghton; N.
Silva; G. Checkley; R. New-
ton; W. Penlington; A.
M'Phail

CARTERS.
J. Glynan; A. M'Phail; W.
Lucas
CHEMIST & DRUGGIST.
H. G. Watkins
CLERGYMAN.
Church of England — Rev. W.
Aylmer, M.A.
GARDENERS.
J. Currie; T. Feltham; E. Bour-
and; M. Morgan; E. deMal-
manche; H. Funnell
HOTELS.
Bruce's hotel, G. Scarbrough;
Commercial, B. Shadbolt;
Criterion, T. Adams; Tra-
veller's Rest, Head of Bay,
F. Vanstone; Waeckerlie's
Hotel, C. J. Waeckerlie
INSURANCE AGENTS.
New Zealand Company, E. C.
Latter; London and Lanca-
shire Company, J. D. Garwood
LADIES' BOARDING
SCHOOL.
Miss Webber
MERCHANT.
E. C. Latter

MILLS.
Cumberland Steam Saw Mills,
H. Piper and Co.; York
Steam Saw Mills, J. Pawson;
Gamman's Steam Saw Mills,
Latter and Shadbolt; Robin-
son's Bay Saw Mills, Saxton
and Williams; Grehan Flour
Mills, George Haylock

NEWS AGENTS.
Agent for *Lyttelton Times* and
Canterbury Standard, J. D.
Garwood; Agent for *Pres.*,
F. Guinness; Agent for
Evening Mail, H. Watkins

PAINTER & GLAZIER.
R. Noonan

POSTMASTER.
F. Guinness

POUNDKEEPER.
R. Williams

RESIDENT MAGISTRATE.
J. Watson; Clerk to Bench, F.
Guinness

ROAD BOARD.
Akaroa and Waitnui Road Board
—James Roberts, Secretary
and Engineer

RETURNING OFFICERS.
General Government—J. Watson;
Provincial Government—E.
C. Latter
SCHOOLMASTER.
J. Murray
SHIPWRIGHT.
James Wilson
SOCIETIES.
Good Intent Lodge, Oddfellows
M.U., No. 4829: W. Sims,
G.M.; J. D. Garwood, N.G.;
R. Noonan, Secretary.

Literary Institute—E. C. Latter,
President; C. L. Wiggins,
Vice-President; S. Watkins,
Secretary; C. H. Sherwood,
Librarian.
Horticultural Society — Rev. W.
Aylmer, President; S. Wat-
kins, Secretary.
STOREKEEPERS.
Armstrong and Daly; J. D. Gar-
wood; Wiggins and Co.;
James Wilson
SURGEONS.
Dr. Pearson, Dr. Watkins

A conveyance to the Head of
the Bay, and horses from thence
to Pigeon Bay, start regularly
from Akaroa every Tuesday,
Thursday, and Saturday morning,
meeting passengers and mails, per
steamer Betsy Douglas, from
Lyttelton, returning from Pigeon
Bay to Akaroa on the afternoon
of the same days.

During the past year there has
been exported from Akaroa, in
round numbers, 1,900,000 feet
timber; 30 tons cheese; 60 kegs
butter; 600 packages fruit; 5,000
posts and rails; 200 large piles.

WATERMEN'S FARES AT LYTTTELTON.

[By NOTIFICATION DATED AUGUST 3, 1865.]

	s.	d.
From any wharf or jetty to the steamers—single fare to or from	1	0
From any wharf or jetty to any place, or to any other vessel 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	1	6
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	2	6
From any wharf or jetty to Church Bay	4	6
From any wharf or jetty to Gollan's Bay	2	0
From any wharf or jetty to Rhodes' Bay, one passenger	3	6
From any wharf or jetty to Quarantine Station, one passenger	2	6
Ditto, two or more, each	10	0
Ditto, two or more, each	7	0

To the Heads, or Head of the Bay, as per agreement.
Return fares will be allowed at the same rate in each case.
When the bad-weather flag is flying, the fares are doubled.

CENSUS OF NEW ZEALAND, 1864.

POPULATION.

Provinces.	Males.	Females.	Total.
Auckland	25,686	16,446	42,132
Taranaki	2,872	1,502	4,374
Wellington	8,342	6,645	14,987
Hawkes Bay	2,456	1,813	3,770
Nelson	6,706	5,204	11,910
Marlborough	4,032	1,487	5,515
Canterbury	18,931	13,345	32,276
Otago	32,692	16,327	49,019
Southland	4,806	3,279	8,085
Chatham Islands	56	30	86
General Totals (exclusive of the Military and their Families) ...	106,580	65,578	172,158

The numbers of Military Settlers and the Colonial Defence Force included in the above table were 5,139 Males, and 1,243 Females; total, 6,382.
Their distribution on the Census night was as follows:—Auckland: Males, 4,035; Females, 1,069.
Taranaki: Males, 969; Females, 118. Wellington: Males, 35; Females, 14. Hawkes Bay: Males, 100; Females, 22.

TABLE SHEWING THE EUROPEAN POPULATION, WITH THEIR LIVE STOCK, And the quantity of Land in their possession, in the several Electoral Districts of Canterbury, in December, 1864.

ELECTORAL DISTRICTS.	Total Population.		Horses.	Mules and Asses.	Cattle.	Sheep.	Goats.	Pigs.	Poultry.	TOTAL NUMBER OF ACRES FENCED.	
	Males.	Females.								A.	R. P.
Cheviot	3,919	1,524	3,077	22	13,173	916,684	488	3,191	12,449	173,115	1 0
Kaipoi	1,806	1,609	1,070	1	3,630	16,114	129	3,366	10,338	21,683	0 20
Avon	1,907	1,752	1,326	7	3,400	12,539	50	3,222	14,338	21,476	2 0
Heathcote	2,864	2,459	1,541	12	5,768	19,934	169	4,075	16,413	24,840	1 2
Ellesmere	458	271	271	—	3,252	13,906	58	987	2,626	3,439	3 0
City of Christchurch	3,457	2,966	774	1	316	158	76	598	4,768	1,792	1 0
Town of Lyttelton	1,353	1,083	102	3	202	5	55	169	2,559	173	2 0
Akaroa	919	661	206	3	4,195	25,723	66	1,420	5,154	7,333	2 20
Timaru	2,355	1,122	2,622	21	12,806	876,828	51	1,119	7,971	137,006	3 0

ELECTORAL DISTRICTS.	NUMBER OF ACRES.												TOTAL UNDER CROPS.											
	In Wheat.			In Oats.			In Barley.			In Maize.			In Potatoes.			In Orchard.			In Sown Grasses.			In other Crops.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.
Cheviot	5,174	2 0	4,180	2 0	395	3 0	18	2 0	0 0	404	2 20	463	3 3	4,234	3 2	476	3 7	15,349	0 32					
Kaipoi	2,710	0 0	2,723	1 20	771	1 30	5 21	20	0 0	276	0 10	306	1 0	5,158	2 20	603	3 20	12,561	1 0					
Avon	2,217	0 0	3,054	0 0	585	1 0	70	0 0	0 0	377	2 0	375	2 30	8,057	1 0	753	2 0	16,100	0 30					
Heathcote	2,710	3 0	2,997	3 0	503	2 0	0 1	0 0	0 0	241	0 10	386	0 23	8,429	3 20	439	2 30	15,709	0 3					
Ellesmere	214	2 0	168	0 0	44	0 0	0 1	0 0	0 0	83	3 0	84	3 0	1,205	1 0	63	1 0	1,866	3 0					
City of Christchurch	143	0 10	271	2 0	1	0 0	6	0 0	0 0	26	2 0	187	0 20	589	2 20	65	3 20	1,920	2 30					
Town of Lyttelton	41	1 0	60	3 0	12	0 0	0 2	0 0	0 0	112	1 20	158	2 20	2,821	0 0	27	0 0	3,293	2 20					
Akaroa	524	0 0	1,318	1 1	131	0 20	0 0	0 0	0 0	342	2 20	236	1 1	1,023	0 0	123	2 30	3,630	2 20					
Timaru																								

ABSTRACT OF POSTAGE RATES ON LETTERS, BOOK-PACKETS, &c.

LETTERS.

From any part of New Zealand to any other part of New Zealand:—

Not exceeding ¼ ounce	2d.
Exceeding ¼ ounce, and not exceeding 1 ounce	4d.
Exceeding 1 ounce, and not exceeding 2 ounces	8d.

And so on, increasing 4d. for every additional ounce or fraction of an ounce.

To the United Kingdom, by direct ship or ordinary mail via Southampton:—

Not exceeding ¼ ounce	6d.
Exceeding ¼ ounce, and not exceeding 1 ounce	1s.
Exceeding 1 ounce, and not exceeding 2 ounces	2s.

And so on, increasing 1s. for every additional ounce or fraction of an ounce.

To the United Kingdom, by Marseilles:—

Not exceeding ¼ oz. in weight	10d.
Exceeding ¼ oz., and not exceeding 1 oz.	1s. 8d.
Exceeding 1 oz., and not exceeding 2 ozs.	3s. 4d.
Exceeding 2 ozs., and not exceeding 3 ozs.	6s. 8d.
Every ounce after the first	1s. 8d.

To British Colonies and Foreign countries (for which mails are made up direct):—

Not exceeding ¼ oz.	6d.
Exceeding ¼ oz., and not exceeding 1 oz.	1s.
Exceeding 1 oz., and not exceeding 2 ozs.	2s.

And so on, increasing 1s. for every additional ounce or fraction of an ounce.

Special rates are payable to France and Algeria, and Foreign countries, through France—to the Continent of Europe, via Trieste—to China and the Eastern Archipelago.

Letters addressed to officers serving on board any of Her Majesty's ships on a foreign station, when sent through the United Kingdom, are chargeable as follows:—

Not exceeding ¼ oz.	1s.
Exceeding ¼ oz., and not exceeding 1 oz.	2s.
Exceeding 1 oz., and not exceeding 2 ozs.	4s.

And so on, increasing 2s. for every additional ounce or fraction of an ounce.

Letters sent to or by seamen and soldiers in Her Majesty's service will be transmitted within the Colony, and between the Colony and any post-office in the British dominions, at a charge of 1d., provided that the following regulations are observed:—

Each letter must not be more than half an ounce in weight.

It must be superscribed with the name of the writer, description or class in the vessel or regiment, and signed by the officer at the time in command.

Postage must be prepaid.

Letters on the public service of Her Majesty's naval and military forces are exempted from the payment of postage, if bearing the words "On Her Majesty's Service," and the signature of the officer in command of the force on the service of which the letter is despatched.

Letters on the public service of the General Government of the Colony are transmitted free by post, if bearing the words "On the public service only," and the signature of an officer of the General Government authorised to frank official letters.

REGISTRATION FEE.

To places within the Colony ... 6d.

To Australian Colonies, India and the United Kingdom ... 1s.

NEWSPAPERS.

Sent free to any part of the Colony, if published therein, and posted within seven days from publication.

If not published in the Colony, or not posted within seven days from publication, one penny.

Free to the United Kingdom, via Southampton or by direct ship.

To the United Kingdom, via Marseilles, 3d. each.

To the continent of Europe, via Trieste, 2d. each.

BOOK-PACKETS.

For the United Kingdom, via Southampton, and from one part of the Colony to another, not exceeding 4 ozs. in weight, 4d.; exceeding 4 ozs. and not exceeding 8 ozs., 8d.; exceeding 8 ozs. and not over 1 lb., 1s. 4d., and 8d. for every additional half-pound or fraction of half-a-pound.

The above rates are doubled to the United Kingdom via Marseilles.

REGULATIONS.

All letters, packets, and newspapers, if liable to postage, posted in New Zealand, must be prepaid by affixing postage labels of the Colony of sufficient value.

All letters received from beyond seas, at any post-office in this Colony, which have not been regularly posted at the place of despatch (loose letters) are chargeable with full postage, according to the established rates, unless they are letters which it is not compulsory by law to send by post, in which case they are chargeable with the inland rate of postage only.

Letters and packets liable to more than one rate of postage, and addressed to places within the Colonies to the Colonies of Victoria, South Australia, and Western Australia, or to the United Kingdom, if bearing at least a single rate, will be forwarded and charged with the postage deficient, and another single rate as a fine. Letters and packets so addressed, and bearing less than a single rate of postage, and all letters and packets otherwise addressed, not bearing the full postage chargeable, will be detained and returned to the sender in all cases where practicable.

Newspapers, if posted without prepayment of the full amount of postage chargeable, can neither be forwarded to their destination nor returned to the sender; but will be delivered or forwarded to the person addressed, on application, within six months, at the office where the same were posted, and payment of the deficient postage in stamps.

Any person can have a letter registered by affixing on it, by means of the proper labels, the amount of the registration fee, in addition to the proper postage, and presenting it at a post-office during office hours, and at least one hour before the closing of the mail by which it is desired to be transmitted.

Re-direction from one post-office to another, of letters, newspapers and packets, are charged with a new and distinct rate of postage, to be paid on delivery.

Any person sending, as exempt from postage, letters not liable to exemption, or enclosing a communication in the nature of a letter in any newspaper or book-packet, is liable to a penalty of £20.

No book-packet or packet of newspapers will be received, nor will any postmaster be required to receive any letter, if it exceed two feet in length, one foot in width or depth, or three pounds in weight.

Every book-packet shall be sent open at the ends or sides, and there shall be no enclosure, sealed or otherwise, closed against inspection, sent in or with such packet, nor anything printed or written in the nature of a letter.

Within the above limitations, a book-packet may contain any number of separate books, maps, prints or photographs, and any quantity of paper, vellum, or parchment, either printed, written on, or plain (exclusive of anything in the nature of a letter, whether sealed or open), with the binding, covering, or mounting attached or belonging to such book, print, &c., and all things legitimately appertaining to or necessary for the transmission of any enclosed literary or artistic matter, but exclusive of glass in any form. Name and address of sender may appear on the cover.

Under present arrangements the English mail closes at Christchurch at 7 a.m., on the morning of the 16th of each month (the steamer sailing from Lyttelton at noon). Late letters, for United Kingdom and Australian Colonies, received at Christchurch up to 9.30, but no such letters are forwarded by the mail preparing for despatch unless prepaid, and that in stamps, so as to include both the ordinary postage and the late letter fee. Late letters received at Lyttelton until 11 a.m., on the 16th.

Postmasters are not allowed to return any letter to the writer or sender, or to any one else, or to delay forwarding it to its destination according to the address, even though a request to such effect be written thereon; as every letter must be delivered to the person to whom it is directed, and to him alone.

LIST OF MONEY ORDER OFFICES IN NEW ZEALAND.

Auckland.....Province of Auckland		Christchurch.....Province of Canterbury	
Mongonui	"	Akaroa	"
Otahuhu	"	Hokitika	"
Onehunga	"	Kaiapoi	"
Port Waikato	"	Lyttelton	"
Raglan	"	Timaru	"
Russell	"		
Wangarei	"	Dunedin.....Province of Otago	
		Arrow River	"
		Alexandra (formerly "Manuherikia Junction")	"
		Clyde (formerly "Dunstan")	"
		Oamaru	"
		Province of Otago	
		Port Chalmers	"
		Queenstown	"
		Tokomairoro	"
		Tuapeka	"
		Waikouaiti	"
		Invercargill.....Province of Southland	
		Campbelltown	"
		Riverton	"
New Plymouth.....Province of Taranaki			
Napier.....Province of Hawkes Bay			
Wellington.....Province of Wellington			
Wanganui	"		
Nelson.....Province of Nelson			
Collingwood	"		
Picton.....Province of Marlborough			
Blenheim	"		
Havelock	"		

NOTE.—The Office first named in each Province, and printed in italics, is the Chief Money Order Office of the Province.

LIGHT-HOUSE DUES FIXED BY THE MARINE BOARD OF NEW ZEALAND, AND PUBLISHED DECEMBER 31, 1864.

- * Vessels (not steam vessels) from Great Britain, or any port beyond the Australasian colonies—Per register ton—Wellington, Nelson, Bluff Harbour, Dunedin, Lyttelton, Auckland ... 6d.
- † All steam vessels and vessels from the Australasian colonies—Per register ton—Wellington, Nelson, Bluff Harbour, Dunedin, Lyttelton, Auckland ... 4d.
- ‡ Vessels from Great Britain, or ports beyond the Australasian colonies—Per register ton—Picton, Wanganui, Russel, Bay ... 3d.
- All vessels from the Australian colonies—Per register ton—Picton, Wanganui, Russel, Bay of Islands ... 2d.
- § Every steamer or sailing vessel employed in the coasting trade—Per register ton—Wellington, Nelson, Bluff Harbour, Dunedin, Lyttelton, Auckland, Id.; Picton, Wanganui, Russel, Bay of Islands ... 3d.
- * Vessels from beyond the colony of New Zealand arriving at the ports of Oamaru, Moeraki, Waikouaiti, or Molyneux, and not having paid Light Dues at any port previously, will be charged at the same rate as at Dunedin.
- † Vessels from beyond the colony of New Zealand arriving at the ports of Akaroa or Timaru, and not having paid Light Dues at any port previously, will be charged at the same rate as at Lyttelton.
- ‡ Vessels plying on that part of the Gulf of Hauraki to the southward of Rangitoto and Waiheke Islands, will be exempt from Light Dues.
- § To be levied on vessels making use of, or passing Tiri Tiri, or other Lights on the coast of this colony.

The whole of the above dues to be levied on entering inwards only.

TABLE OF FEES IN RESPECT OF PROCEEDINGS IN CIVIL CASES BEFORE RESIDENT MAGISTRATES.

	UNDER £5	£5 AND UNDER £10	£10 AND UNDER £20	£20 AND UNDER £50	£50 AND UNDER £75	£75 AND UNDER £100
Summons	1 0	2 0	3 0	4 0	5 0	6 0
Summons to a Witness	1 0	1 0	1 0	2 0	3 0	3 0
Service of Summons within one mile from Court House	3 0	3 0	3 0	3 0	3 0	3 0
For every extra mile, one way	1 0	1 0	1 0	1 0	1 0	1 0
Hearing	2 0	2 0	4 0	6 0	8 0	10 0
Adjournment of Hearing on application of either plaintiff or defendant	1 0	2 0	2 0	3 0	3 0	3 0
Swearing witnesses exceeding three on either side	1 0	1 0	1 0	2 0	3 0	2 0
Entering up Judgment	1 0	2 0	3 0	4 0	5 0	6 0
Writ of Execution against Goods	2 0	2 0	3 0	4 0	6 0	10 0
ditto ditto person	2 0	2 0	3 0	4 0	6 0	10 0
Executing any writ of Execution beyond one mile from the Court House, for every extra mile one way	1 0	1 0	1 0	1 0	1 0	1 0
Poundage on the sum levied or received under distress—for every pound	1 0	1 0	1 0	1 0	1 0	1 0
Poundage for which the body is taken in execution—for every pound	1 0	1 0	1 0	1 0	1 0	1 0
For Keeping Possession, per diem, any sum, not exceeding	8 0	8 0	8 0	8 0	8 0	1 0
For every extra mile, one way	1 0	1 0	1 0	1 0	1 0	1 0
Auctioneer's Commission on Goods sold not exceeding 5 per cent.						
Advertising not exceeding 3s. per inch, and proportional rates for additional lines						
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	1 0	1 0	1 0	1 0
For every document required in proceedings, and not enumerated in this schedule, not exceeding two folios of 90 words each...	2 0	2 0	2 0	2 0	2 0	2 0
For every complete folio of 90 words above two	0 6	0 6	0 6	0 6	0 6	0 6

GENERAL GOVERNMENT ELECTRIC TELEGRAPH.

REGULATIONS AND CONDITIONS UNDER WHICH TELEGRAMS MAY BE TRANSMITTED ON THE LINES OF ELECTRIC TELEGRAPH BELONGING TO THE GENERAL GOVERNMENT OF NEW ZEALAND.

1. FORM OF TELEGRAM.—All ordinary Telegrams must be written in ink, on the printed forms supplied by the department for the purpose, and all Telegrams must be signed by the sender.

Telegraph Officers are at liberty to refuse the transmission of any Telegrams that do not strictly comply with these regulations.

2. CHARGES OF TELEGRAMS.—Telegrams will be charged at the Tariff rates published from time to time by authority of the Postmaster-General.

All ordinary Telegrams must be prepaid.

When the sender of a Telegram desires it, he may prepay the reply to his Telegram, and the messenger will wait not longer than five minutes for such prepaid reply. Should the sender of a Telegram desire to have his Telegram repeated back, to insure accuracy, such repetition will be made at half the charge of the original Telegram.

3. TRANSMISSION OF TELEGRAMS.—Ordinary Telegrams will be transmitted in the order in which they are received from the public. Special Telegrams on the public service, and those admitted as urgent, being Telegrams forwarded on pressing emergencies, such as accidents and cases of illness, take the precedence of ordinary Telegrams.

4. 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.

5. DELIVERY OF TELEGRAMS.—Telegrams will be delivered free of charge within the towns in which the stations are situated. But when the Telegrams have to be delivered beyond the boundary of such towns, an additional charge will be made, to defray the expenses of portage or postage, as the case may be.

6. RESPONSIBILITY.—The Government will not be held responsible for errors, omissions, or delays in the transmission of Telegrams, nor for the non-transmission of any Telegram, nor for delays in the delivery, nor for the non-delivery of any Telegram, from whatever causes the same may arise.

All Telegrams will be held strictly confidential.

SCALE OF CHARGES:—

From Christchurch	Number of Words, exclusive of Addresses.							For every extra 25 Words, or fractional part thereof.
	10 and under.	11 to 20	21 to 30	31 to 40	41 to 50	51 to 75	76 to 100	
To Heathcote	s. d. 2 0	s. d. 3 6	s. d. 5 0	s. d. 6 0	s. d. 7 0	s. d. 8 6	s. d. 10 0	s. d. 2 6
.. Lyttelton	2 0	3 6	5 0	6 0	7 0	8 6	10 0	2 6
.. Timaru	4 0	7 0	10 0	12 0	14 0	17 0	20 0	5 0
.. Oamaru	4 0	7 0	10 0	12 0	14 0	17 0	20 0	5 0
.. Dunedin	5 0	8 6	12 6	15 0	17 6	21 6	25 0	6 3
.. Invercargill	6 0	10 6	15 0	18 0	21 0	25 6	30 0	7 6
.. Bluff	6 0	10 6	15 0	18 0	21 0	25 6	30 0	7 6
.. Picton	5 0	8 6	12 6	15 0	17 6	21 6	25 0	6 3

Extra Copies 1s. for every 100 Words, or fractional part thereof.

NEW ZEALAND AND AUSTRALIAN TARIFFS.

The following are the Tariffs of New Zealand, Victoria, South Wales, Queensland, South Australia and Western Australia, compared as to principal articles:—

	New Zealand.	Victoria.	South Wales.	South Australia.	Queensland.	Western Australia.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Brandy, gal.	12 0	10 0	10 0	10 0	10 0	12 0
Gin, gal.	12 0	10 0	10 0	10 0	10 0	12 0
Rum, gal.	12 0	10 0	7 0	10 0	7 0	12 0
Whiskey, gal.	12 0	10 0	7 0	10 0	7 0	12 0
Cordials, gal.	12 0	10 0	7 0	10 0	7 0	12 0
Perfumed spirits, gal.	12 0	10 0	7 0	10 0	7 0	12 0
Other spirits, gal.	12 0	10 0	7 0	10 0	7 0	12 0
Opium—						
Refined, lb.	—	20 0	10 0	—	10 0	—
Raw, lb.	—	10 0	10 0	—	10 0	—
Tobacco—						
Manufactured, lb.	2 6	2 0	2 0	1 6	2 0	1 9
Unmanufactured, lb.	2 6	1 0	1 0	1 6	—	1 0
Sheepwash, lb.	—	0 3	—	0 3	—	—
Cigars, lb.	4 6	5 0	3 0	4 0	3 0	2 6
Snuff, lb.	4 6	2 0	2 0	4 0	2 0	2 6
Rice, cwt.	—	2 0	—	—	—	—
Dried fruits, cwt.	15 0	10 0	—	10 0	—	—
Molasses and treacle, cwt.	9 4	3 0	3 4	2 0	3 4	3 0
Tea, lb.	0 6	0 6	0 3	0 3	0 3	0 2
Coffee, lb.	0 3	0 2	0 2	0 1	0 2	4 0†
Malt, bushel	—	0 6	—	—	—	—
Hops, lb.	—	0 2	—	—	—	—
Sugar, cwt.	9 4	6 0	5 0	3 0	5 0	3 0
Refined and candied, cwt.	9 4	—	6 8	—	6 8	4 0
Unrefined, cwt.	9 4	—	5 0	—	5 0	3 0
Wine—						
In wood, gal.	4 0	3 0	2 0	2 0	2 0	2 0
In reputed quarts, doz.	10 0	6 0	4 0	6 0	4 0	4 0
In reputed pints, doz.	5 0	3 0	2 0	3 0	2 0	2 0
Beer—						
In wood, gal.	0 9	0 6	0 1	0 6	0 1	4 0
In bottle, gal.	1 6	0 6	0 1	0 6	0 1	4 0
In reputed quarts, doz.	3 0	1 0	0 2	1 0	0 2	8 0
In reputed pints, doz.	1 6	0 6	0 1	0 6	0 1	4 0
Cider—						
In wood, gal.	0 9	0 6	0 3	0 6	—	4 0
In bottle, gal.	1 6	0 6	0 3	0 6	—	4 0
In reputed quarts, doz.	3 0	1 0	0 6	1 0	—	8 0
In reputed pints, doz.	1 6	0 6	0 3	0 6	—	4 0
Nuts and almonds, cwt.	—	—	—	10 0	—	—
Gold (export) oz.	2 6	1 6	1 6	—	—	—
Cocoa and chocolate, lb.	0 3	—	—	0 1	—	—
Posts and rails, 100	—	—	—	0 6	—	—
Pailings, 100	—	—	—	0 2	—	—
Shingles, 100	—	—	—	2 0	—	—
Ons, 100 feet	—	—	—	2 6	—	—
Sawn timber, 40 cubic feet	—	—	—	2 6	—	—
Deals, 40 cubic feet	—	—	—	2 6	—	—

* A duty of seven per cent. invoice value is levied in Western Australia upon all goods not charged with a specified duty.

† Per cwt.

‡ Per cubic foot.

HACKNEY CARRIAGE FARES IN CHRISTCHURCH.

FARES BY TIME. (One or two adults to be a full fare.)	CARRIAGES			CABS		
	Having four wheels, and two or more horses, not plying as an omnibus.			Having four wheels and one horse, or two wheels and two horses, or two wheels and one horse.		
	£	s.	D.	£	s.	D.
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 ...	2	10	0	2	0	0
For each additional passenger ...	0	15	0	0	13	0
BY THE HOUR.						
For the first hour or less than an hour ...	0	5	0	0	4	0
For every subsequent half-hour or less ...	0	2	0	0	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.						
(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 ...	0	2	6	0	2	0
Beyond one mile from the Town Belt, per mile ...	0	3	0	0	2	6
For every additional person, half fare						
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, and not further employing the same, shall pay ...	0		6	0	3	0
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 fare to be charged within the limits of the city.						
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 14lb 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 must produce a printed copy of the above table of rates and fares on demand, and 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.

USEFUL TABLES.

No. 1.

RULE FOR COMPUTING OVERPROOFS ON SPIRITS, IN CASKS CONTAINING TWENTY GALLONS AND OVER.

MULTIPLY the number of gallons by the strength per cent.; set off the decimal point, and divide by 100; the remainder will give the number of gallons of overproof to be added to the liquid quantity.

No duty is to be charged upon any fractional part of a gallon, on the strength of spirits, unless it amounts to 84-100th parts; but any fraction exceeding that to be charged with duty as a gallon.

EXAMPLE 1.
87 gallons rum, 15.9, o.p.
87 gallons.
15.9 o.p.

783
1305

13,833 = 13 gallons
87

100 galls. for duty.

EXAMPLE 2.
56 gallons brandy, 1.5, o.p.
56 gallons.
1.5 o.p.

.840 = 1 gallon.
56

57 galls. for duty

No. 2.

RULE FOR COMPUTING THE OVERPROOF ON SPIRITS IN ULLAGE CASKS, CONTAINING LESS THAN TWENTY GALLONS.

FIND the decimal for the number of gallons in the following table, which place beside the number of gallons; then multiply by the strength per cent.; set off the decimal point, and divide by 10; the whole number remaining will be tenths of a gallon.

NOTE.—In charging the overproof on spirits in ullage casks, &c., no charge must be made unless it amounts to one-tenth of a gallon, and that one-tenth must be complete, viz., 9-100th parts not being charged as one-tenth.

EXAMPLE.

3 gallons and 23 gills brandy, 5.3, o.p.

3.72
5.3

1116
1860

19.716 = $\frac{1}{10}$ = 3 gills.

gals. gills.

Liquid quantity ... 3 23

Add over proof ... 0 3

Proof for duty ... 3 26

A TABLE OF TENTHS AND DECIMAL PARTS TO EVERY THIRTY-SECOND PART OF A GALLON.

Tenths	Gills.	Dec.	Tenths	Gills.	Dec.	Tenths	Gills.	Dec.	Tenths	Gills.	Dec.
	1	.03		9	.28		17	.53		25	.78
	2	.06	3	10	.31		18	.56	8	26	.81
1	3	.09		11	.34	6	19	.59		27	.84
	4	.13		12	.37		20	.62		28	.87
	5	.16	4	13	.40		21	.65	9	29	.90
2	6	.19		14	.43	7	22	.69		30	.93
	7	.22		15	.47		23	.72		31	.97
	8	.25	5	16	.50		24	.75	10	32	1 gal.

RULE FOR COMPUTING THE OVERPROOF ON SPIRITS IN BOTTLE.

REDUCE the gallons and gills into gills; multiply by the strength per cent.; set off the decimal point, and divide by 100.

EXAMPLE.

			Total Strength.	
	Case.	Bottles.	Gills.	Gills.
J.W.	No. 1.	24 × 5 = 120	8.5	o.P.
			8.5	
		*10.200 = 10 gills.		
		120		
			galls.	
		130	= 4 ² / ₃	for duty.
	No. 2.	36 × 4 ¹ / ₂ = 162	3.4	o.P.
			3.4	
		*5.508 = 6 gills.		
		162		
			galls.	
		168	= 5 ⁸ / ₃	for duty.

AVOIRDUPOIS WEIGHT.

16 drachms make	...	1 ounce (oz.)	28 pounds	...	1 quarter (qr.)
16 ounces "	...	1 pound (lb.)	4 qrs., or 112 lbs.	...	1 hundred (cwt.)
14 pounds "	...	1 stone (st.)	20 cwt.	...	1 ton (ton)

TROY WEIGHT.

24 grains	=	1 dwt.	=	24 grains
20 dwts.	=	1 ounce	=	480 "
12 ounces	=	1 pound	=	5760 "

These are the denominations of Troy weight where used for weighing gold, silver, and precious stones (except diamonds). But Troy weight is also used by apothecaries in compounding medicines, and by them the ounce is divided into 8 drams, and the dram into 3 scruples, so that the scruple is equal to 20 grains. For scientific purposes the grain only is used; and sets of weights are constructed in decimal progression, from 10,000 grains downward to 1-100th part of a grain.

The carat, used for weighing diamonds, is 3 grains and 1-6th. The term, however, when used to express the fineness of gold, has a relative meaning only. Every mass of alloyed gold is supposed to be divided into 24 square parts; thus the standard for coin is 22 carats fine, that is, it consists of 22 parts of pure gold, and 2 parts of alloy.

ALE, BEER, AND PORTER MEASURE.

4 gills	make	...	1 pint	2 firkins, or 18 gallons	make	...	1 kild.
2 pints	"	...	1 quart	2 kilderkins, or 36 gallons	"	...	1 bar.
4 quarts	"	...	1 gallon	3 kilderkins, or 54 gallons	"	...	1 hhd.
9 gallons	"	...	1 firkin	2 hogsheds, or 108 gallons	"	...	1 butt

WINE AND SPIRIT MEASURE.

4 gills	make	...	1 pint	84 gallons	...	make	1 puncheon
2 pints	"	...	1 quart	2 hhd., or 120 galls.	...	"	1 pipe or butt
4 quarts	"	...	1 gallon	4 hhd., or 252 galls.	...	"	1 tun
63 gallons	"	...	1 hhd.				

* The fractional part being rejected in all cases when not exceeding, and charged when exceeding, one-half part.

MEASURE OF LENGTH

12 inches	=	1 foot	An inch is the smallest lineal measure to which a name is given, but sub-divisions are used for many purposes. Among mechanics the inch is commonly divided into eighths. By the officers of the revenue, and by scientific persons, it is divided into tenths, hundredths, &c.
3 feet	=	1 yard	
5 ¹ / ₂ yards	=	1 rod or pole	
40 poles	=	1 furlong	
8 furlongs	=	1 mile	
69 miles 3 ¹ / ₂ yards	=	1 degree of a great circle of the earth	

PARTICULAR MEASURES OF LENGTH.

A nail	=	2 ¹ / ₄ inches	} Used for measuring cloth of all kinds.
Quarter	=	4 nails	
Yard	=	4 quarters	
Ell	=	5 quarters	
Hand	=	4 inches	} Used for height of horses.
Fathom	=	6 feet	
Link	=	7.92 inches	} Measure to facilitate computation of the content, 100 square chains being equal to an acre.
Chain	=	100 links	

GRAIN, FLOUR, AND BREAD

A bushel of wheat weighs	...	60 lbs.	A bushel of barley	...	47 lbs.
A bushels of beans	...	63	A bushel of peas	...	64
A bushel of oats	...	40	A bushel of rye	...	53
6 bushels of wheat yield of fine flour 280lbs.					
280 lbs. of flour (1 sack) make 400 lbs. of white bread.					
A man's average annual consumption of bread is 572 lbs.					
A peck loaf weighs	...	17 6 1	A half peck	...	8 11 0
A quartern	...	4 5 8	A peck or stone of flour	...	14 6 0
A bushel of flour	...	56 0 0	10 pecks or stones, a bolt	...	140 0 0
A barrel (American)	...	196 0 0	A pack or load of flour	...	240 0 0
5 bushels, or one sack	...	280 0 0	Potatoes, uncleaned, 120 lbs. to the cwt.		

SQUARE, OR LAND MEASURE

144 inches	...	make	...	1 square foot	...	s. f.
9 feet	...	"	...	1 square yard	...	s. yd.
100 feet	...	"	...	1 square of flooring	...	s. fl.
272 ¹ / ₂ feet	...	"	...	1 rod of brickwork	...	r. b. w.
30 ¹ / ₂ yards	...	"	...	1 pole, rod, or perch	...	p.
18 poles	...	"	...	1 chain	...	ch.
40 poles, or 1210 yards	...	"	...	1 rood	...	r.
4 roods, or 10 chains, or 160 poles, or 4840 yards	...	"	...	1 acre	...	a.
640 acres	...	"	...	1 mile	...	m.

LAND is measured by Gunter's Chain, which is as follows:

Length.—7.92 inches make 1 link; 12 inches, or 1.515 links make 1 foot; 36 inches, or 4.545 links, make 1 yard; 198 inches, or 25 links, make 1 pole or perch; 702 inches, or 100 links, or 66 feet, or 22 yards, or 4 poles, make 1 chain; 7920 inches, or 1000 links, or 10 chains, make 1 furlong; 63,360 inches, or 8000 links, or 80 chains, make 1 mile.

Square—62.726 square inches make 1 square link; 2.295 square links make 1 square foot; 22.661 square links make 1 square yard; 625 square links make 1 square pole; 10,000 square links make 1 square chain; 25,000 square links, or 2.5 square chains, make 1 square rood; 100,000 square links, or 10 square chains, make 1 square acre.

MEASURE OF CAPACITY

4 gills	=	1 pint	=	34 ¹ / ₂ cubic inches, nearly
2 pints	=	1 quart	=	69 ¹ / ₂ "
4 quarts	=	1 gallon	=	277 ¹ / ₂ "
2 gallons	=	1 peck	=	554 ¹ / ₂ "
8 gallons	=	1 bushel	=	2218 & 1-5th "
5 bushels	=	1 quarter	=	10 ¹ / ₂ cubic feet, nearly
5 quarters	=	1 load	=	51 ¹ / ₂ "

CUBE, OR SOLID MEASURE.

1728 inches	...	make	...	1 solid foot
27 feet	...	"	...	1 solid yard
40 feet rough, or fifty feet of hewn timber	...	"	...	1 ton or load
42 feet	...	"	...	1 ton of shipping
1 yard of earth	...	"	...	1 load

Thus, a Cord of wood is 4 feet broad 4 feet deep, and 8 feet long, being 118 cubic feet.—A Stack of wood is 3 feet broad, 3 feet deep, and 12 feet long, being 108 cu'ic feet.

The dimensions of timber, stone, excavations, and all works which have length, breadth, and thickness taken by lineal measure; but the contents are calculated by cubic measure.

A Cube is a solid body, and contains length, breadth, and thickness. A cubic number is produced by multiplying the simple number twice into itself: thus, 343 is the cube number, being produced by multiplying the number 7 twice into itself; as, 7 + 7 x 7 = 343.

ANGULAR MEASURE, OR DIVISIONS OF THE CIRCLE.

60 seconds	=	1 minute	90 degrees	=	1 quadrant
60 minutes	=	1 degree	360 degrees or 12 signs	=	1 circumference
30 degrees	=	1 sign			

MEASURE OF TIME.

60 seconds	=	1 minute	28, 29, 30, 31 days	=	1 calendar month
60 minutes	=	1 hour	12 calendar months	=	1 year
24 hours	=	1 day	365 days	=	1 common year
7 days	=	1 week	366 days	=	1 leap year
28 days	=	1 lunarmonth			

In 400 years, 97 are leap years, and 303 common.

WEIGHT OF ENGLISH COIN.

Gold: Sovereign	dwts. gr.	Florin	dwts. gr.
Half-sovereign	5 13½	Shilling	7 6 6-11ths
Double Sovereign	10 6½	Sixpence	3 15 3-11ths
Silver: Crown	18 4 4-11ths	Fourpence	1 19 7-11ths
Half-Crown	9 2 2-11ths		1 5 1-11th

TO MEASURE UNSQUARED TIMBER.

In order to ascertain the contents, multiply the square of the quarter girth, or of ¼ 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 it 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 ¼ of the girth, is allowed for bark, except of elm. 1 inch is the circumference of the tree, or whole girth, or one-twelfth of the quarter girth is the general fair average allowance.

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 ¼ of the girth or circumference by double the length, and the product will be the contents.

TABLE TO FIND CONTENTS OF CASES, &c., OF A GIVEN AMOUNT.

EXAMPLE.—T.S. 1.149. 99 cases spirits at 1 4/5 galls. = 176 2/5 galls. Retz.—First find the whole gallons 99 + 1 = 99 galls.; then in a line with 25 in the first column, and under the number 90 will be found 70.10, also under 9 is 7.1; making the fractional quantity 77.11, which, added to the whole gallons, = 176 2/5.

1	2	3	4	5	6	7	8	9	10	20	30	40	50	60	70	80	90	100
3.4	2.25	2.16	2.6	1.28	1.18	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
6.8	5.20	4.45	4.12	2.26	2.16	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26
9.12	8.14	7.16	6.18	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24
12.16	11.8	10.80	9.82	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22
15.20	14.2	13.4	12.4	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20
18.24	17.28	16.28	15.10	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18
21.28	20.20	19.22	18.24	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16	7.16
25	23.10	22.16	21.28	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14	8.14
28.4	26.8	25.10	24.2	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12
31.8	29.8	28.4	27.16	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10	10.10
35.2	32.26	30.30	29.22	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
38.6	35.2	33.24	32.16	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
42.0	38.2	36.18	35.10	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
45.4	41.2	39.12	38.04	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
48.8	44.2	42.16	41.08	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
52.2	47.26	45.20	44.2	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
55.6	50.26	48.24	47.16	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
59.0	53.26	51.28	50.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
62.4	56.26	54.30	53.24	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
65.8	59.26	57.32	56.26	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
69.2	62.26	60.34	59.28	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
72.6	65.26	63.36	62.30	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
76.0	68.26	66.38	65.32	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
79.4	71.26	69.40	68.34	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
82.8	74.26	72.42	71.36	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
86.2	77.26	75.44	74.38	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
89.6	80.26	78.46	77.40	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
93.0	83.26	81.48	80.42	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
96.4	86.26	84.50	83.44	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
99.8	89.26	87.52	86.46	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
100	90	80	70	40	50	60	70	80	90	100	100	100	100	100	100	100	100	100

SEED CALCULATOR.

TABLE of the number of sets of potatoes and total weight of the same, required for planting an acre at the following distances; each set containing only a single eye, and weighing $\frac{1}{2}$ oz.; the distance between the sets in the rows being nine inches:—

Distance of rows apart. Inches.	Number of sets per acre.	Weight of sets per acre.	
		cwt.	lbs.
18	38,720	10	90
19	36,682	10	26
20	34,848	9	81
21	33,188	9	29
22	31,680	8	94
23	30,302	8	50
24	29,040	8	11
25	27,874	7	87
26	26,806	7	53
27	25,813	7	22
28	24,891	6	105
29	24,033	6	79
30	23,232	6	54

PLANTS placed at certain distances, contained by a square perch of land:—

Inches asunder.	Number of Plants.
4 by 4	2450
5 „ 4	1960
6 „ 4	1633
6 „ 6	1069
8 „ 6	816
8 „ 8	612
10 „ 8	490
10 „ 10	392
12 „ 12	272
15 „ 10	261

TABLE TO CALCULATE WAGES AND OTHER PAYMENTS.

YEAR.	PER MONTH.			PER WEEK.			PER DAY.		
	£	s.	D.	£	s.	D.	£	s.	D.
1	0	1	8	0	0	4 $\frac{1}{2}$	0	0	0 $\frac{1}{2}$
2	0	3	4	0	0	9 $\frac{1}{2}$	0	0	1 $\frac{1}{2}$
3	0	5	0	0	1	1 $\frac{1}{2}$	3	0	2
4	0	6	8	0	1	6 $\frac{1}{2}$	0	0	2 $\frac{3}{4}$
5	0	8	4	0	1	11	0	0	3 $\frac{1}{4}$
6	0	10	0	0	2	3 $\frac{1}{2}$	0	0	4
7	0	11	8	0	2	8 $\frac{1}{2}$	0	0	4 $\frac{1}{2}$
8	0	13	4	0	3	0 $\frac{1}{2}$	0	0	5 $\frac{1}{2}$
9	0	15	0	0	3	5 $\frac{1}{2}$	0	0	6
10	0	16	8	0	3	10	0	0	6 $\frac{1}{2}$
11	0	18	4	0	4	2 $\frac{3}{4}$	0	0	7 $\frac{1}{4}$
12	1	0	0	0	4	7 $\frac{1}{2}$	0	0	8
13	1	1	8	0	4	1 $\frac{1}{2}$	0	0	8 $\frac{1}{2}$
14	1	3	4	0	5	4 $\frac{1}{2}$	0	0	9 $\frac{1}{2}$
15	1	5	0	0	5	9	0	0	10
16	1	6	8	0	6	1 $\frac{1}{2}$	0	0	10 $\frac{1}{2}$
17	1	8	4	0	6	6 $\frac{1}{2}$	0	0	11 $\frac{1}{2}$
18	1	10	0	0	6	10 $\frac{3}{4}$	0	0	11 $\frac{3}{4}$
19	1	11	8	0	7	3 $\frac{1}{2}$	0	1	0 $\frac{1}{2}$
20	1	13	4	0	7	8	0	1	1 $\frac{1}{2}$
30	2	10	0	0	11	6	0	1	7 $\frac{1}{2}$
40	3	6	8	0	15	4	0	2	2 $\frac{1}{2}$
50	4	3	4	0	19	2	0	2	9
60	5	0	0	1	3	0 $\frac{1}{2}$	0	3	3 $\frac{1}{2}$
70	5	16	8	1	6	10 $\frac{1}{2}$	0	3	10
80	6	13	4	1	10	8 $\frac{1}{2}$	0	4	4 $\frac{1}{2}$
90	7	10	0	1	14	6 $\frac{1}{2}$	0	4	11 $\frac{1}{2}$
100	8	6	8	1	18	4 $\frac{1}{2}$	0	5	5 $\frac{1}{2}$

If the wages be guineas instead of pounds, for each guinea add one penny to each month, or one farthing to each week.

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.

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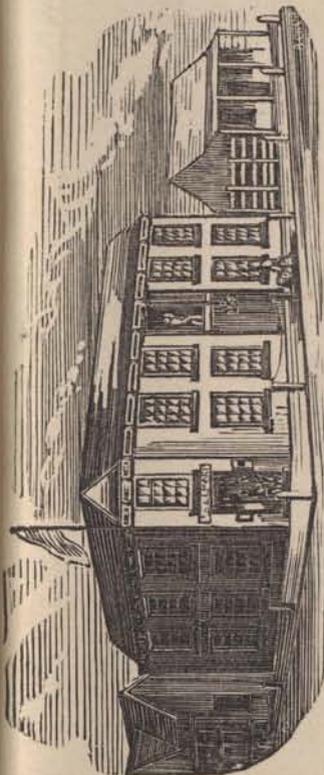
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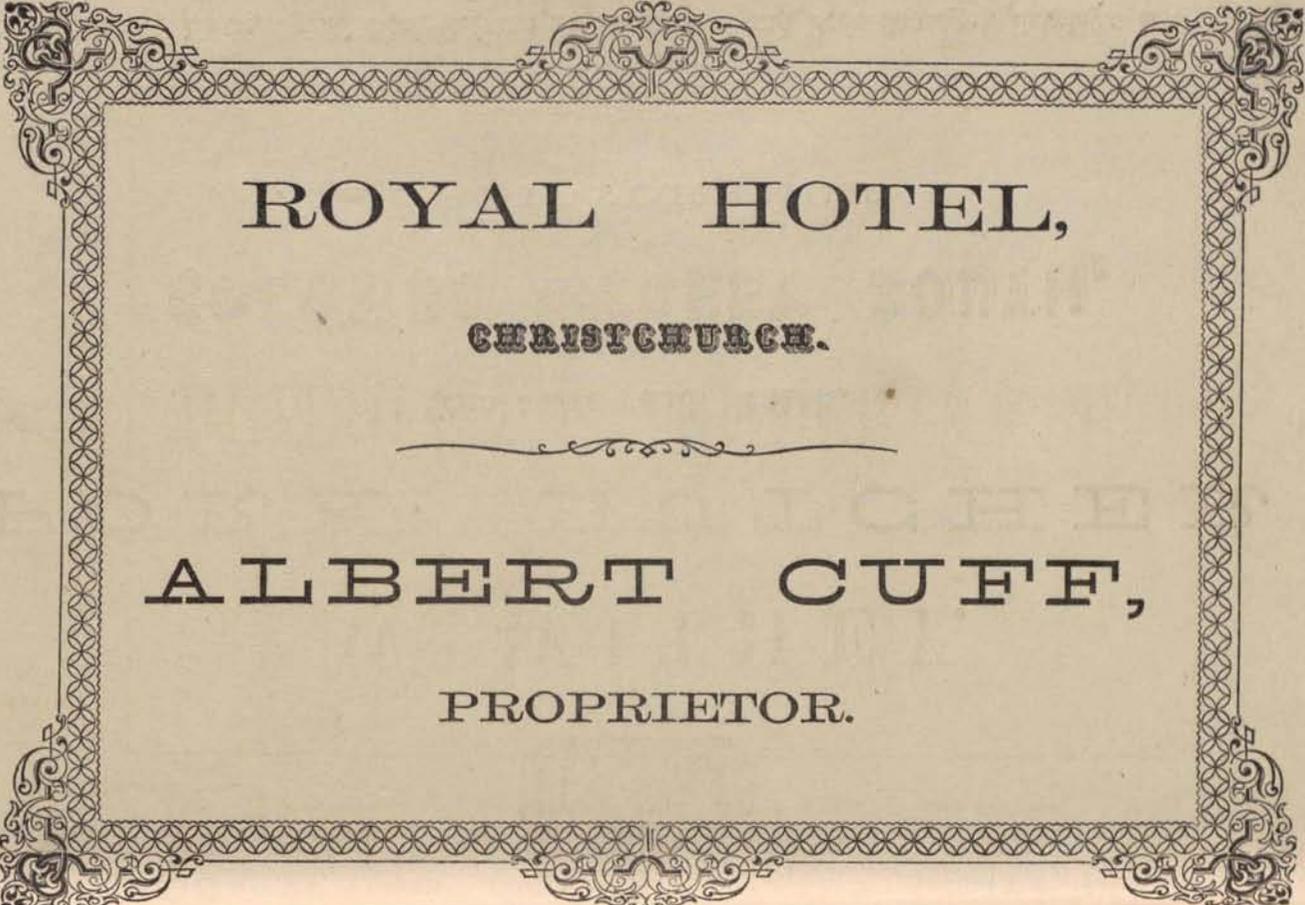


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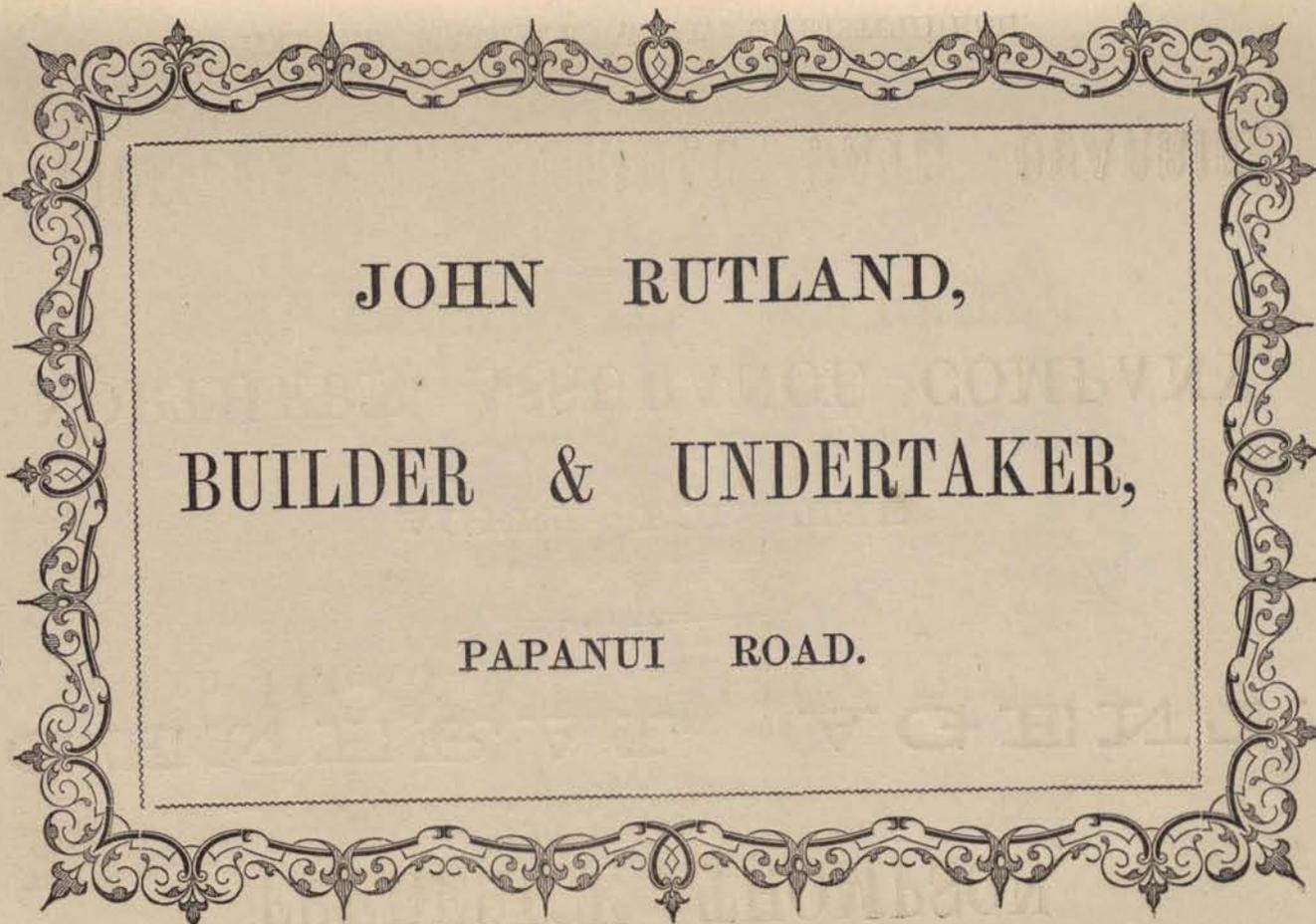
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To join and be engaged in Actual Service in any

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BEYOND THE LIMITS OF SUCH COLONY

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WILLIAM BOWLER,

AGENT,

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YEAR.	FIRE PREMIUMS.	LIFE PREMIUMS.	INVESTED FUNDS.
1851	£54,305	£27,157	£502,824
1856	222,279	72,781	821,061
1861	360,130	135,974	1,311,905
1862	452,696	153,395	1,417,808
1863	581,734	209,567	1,566,434
1864	742,674	236,243	3,212,343

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Chairman:

JOHN WHITE CATOR, Esq.

(Messrs. J. W. CATOR, SON, & Co.)

Deputy-Chairman:

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(Messrs. MORRISON, DILLON, & Co.)

Manager:

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(OPPOSITE THE BANK OF AUSTRALASIA.)

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PRACTICAL TIN-PLATE WORKER,
 Wholesale and Retail.

Stores and Stations liberally dealt with.

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REPAIRS IN IRON, BRASS, TIN, AND COPPER

AT REASONABLE CHARGES.

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TIMBER MERCHANT.

CITY STEAM SAW MILLS.

PLANING, MOLDING,

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JOINERY WORKS.

Baltic and Colonial

TIMBER YARDS

AND

BUILDING MATERIALS DEPOT.

FERRY ROAD & ST. ASAPH STREET,

CHRISTCHURCH.

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GENERAL CARRIER,
COAL & FIREWOOD MERCHANT,
DURHAM STREET NORTH, OPPOSITE MR. KNAPMAN'S.

ALL KINDS OF GOODS,

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CONVEYED TO ANY PART OF THE PROVINCE,
WITH THE GREATEST CARE.

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CORNER OF COLOMBO AND ARMAGH STREETS,
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CAMPION, BROS.,

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FIRST-CLASS ACCOMMODATION

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WINES, SPIRITS, AND ALES OF THE BEST BRANDS.

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SHOEING FORGE,

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AND

IMPLEMENTS

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ADJOINING THE ROYAL HOTEL.

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AN ESTABLISHED FACT.

OPENED 1864.

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He has received from his friends and the public, takes this opportunity of
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COAL OF AN EXCELLENT QUALITY

AND

WELL ADAPTED

FOR

GENERAL PURPOSES,

CAN ALWAYS BE HAD

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SITUATE ON THE RIVER HAWKINS,

NEAR LITTLE RACECOURSE HILL,

AND NOT A MILE FROM THE MAIN LINE OF ROAD TO THE WEST COAST,

MALVERN DISTRICT.

H. MATSON & CO.,

CATHEDRAL SQUARE,

GENERAL MERCHANTS,

STOCK, STATION,

AND

ESTATE AGENTS.

Storage for Wool, Grain, and Goods of any description.

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AND

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Of Superior Quality.

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PREPARATORY SCHOOL.

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RECEIVES BOYS BETWEEN THE AGES OF FIVE AND TEN YEARS, TO GROUND THEM IN
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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
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NO EXTRAS.

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HALF-HOLIDAYS—Wednesdays and Saturdays.

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CASHEL STREET, CHRISTCHURCH.
 THREE DOORS FROM COLOMBO STREET.

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Account Books, Ledgers, Double and Single Ruling fesp. 8vo to Super Royal, Scotch Ledgers, Journals, Cash Books; Invoice, Day, and Waste Books, all sizes
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 Ink Eraser
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Beg to state that, in addition to their extensive Stock they will continue to receive Consignments direct from the London Branch Establishment, at prices considerably under any other house in New Zealand.

The public are respectfully requested to form their own opinion on our list of prices; also, the long warranty given, which is sufficient guarantee that the articles are genuine.

£ s. d.		£ s. d.	
Gold lever English watches, twelve months to five years' warranty, from	10 10 0	Wedding rings (22 carat), English hall-marked... ..	0 10 0
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Ladies' gold fancy and keeper rings (9 carat and 18 carat) English hall-marked, from	0 7 6	Diggers' fine gold rings, from West Coast gold	1 10 0
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LARGEST STOCK IN THIS CITY
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ENGLISH, AMERICAN, AND FRENCH CLOCKS,
OF THE BEST QUALITY:—

£ s. d.		£ s. d.	
Levers	0 12 6	Watch glasses fitted for	0 0 6
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COLOMBO AND LICHFIELD STREETS,
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THE BANK OF NEW ZEALAND.

Incorporated by Act of the General Assembly.

CAPITAL ... £500,000. RESERVE FUND £133,000.

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Samuel Browning, Esq. Richard Ridings, Esq.
Wm. T. Buckland, Esq., M.G.A. Thos. Russell, Esq., M.G.A.
Thos. Henderson, Esq., M.G.A. George B. Owen, Esq.

Auditors:

Robert Waterston, Esq. C. J. Stone, Esq.
Inspector: General Manager:
David L. Murdoch, Esq. Alexander Kennedy, Esq.

London Board:

Falconer Larkworthy, Esq., Managing Director.
J. Logan Campbell, Esq. Robert Porter, Esq.
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Alexander Kennedy, General Manager.

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Russell	Nelson	Timaru
Taranaki	Picton	Dunedin
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Wellington	Christchurch	Invercargill.
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Queenstown	Macrae's Flat	Tokomairiro
Dunstan	Dunstan Creek	Waikouaiti
Manuherikia	Wetherstone	Nevis
Mount Ida	Nokomai	

West Coast Goldfields Agencies:

Hokitika	Grey River	Waimea	Ross
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Liverpool—Bank of Liverpool	Ireland—Northern Banking Company
Liverpool—National Bank of Liverpool	Ireland—Provincial Bank of Ireland
Manchester—Union Bank of Manchester	Ireland—Ulster Banking Company
Gloucester, &c.—Gloucestershire Banking Co.	Ireland—Union Bank of Ireland
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Scotland—Bank of Scotland	Geelong—Bank of Victoria
Scotland—Commercial Bank of Scotland	Adelaide—National Bank of Australasia
Scotland—British Linen Company Bank	Tasmania—Bank of Van Dieman's Land
Scotland—City of Glasgow Bank	Inland Towns, Australia—Oriental Bank Corporation
Scotland—North of Scotland Banking Company	India—Oriental Bank Corporation.
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The Bank grants Drafts and Letters of Credit, and forwards for Collection Bills drawn on any of the above-named places.

Approved Bills Discounted, Bills of Exchange Purchased, and Advances made upon Bills of Lading accompanied by Policies of Insurance.

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CHRISTCHURCH.

BANK OF NEW SOUTH WALES.

INCORPORATED BY ACT OF COUNCIL.

ESTABLISHED 1817.

Paid-up Capital - - - - - **£1,000,000.**
Reserved Fund - - - - - **£333,333.**

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WITH BRANCHES IN

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AT

PARRAMATTA STREET, SYDNEY SOUTH
 MAITLAND
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 ORANGE
 WINDSOR
 RICHMOND
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BATHURST
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 ADELONG AND GUNDAGAI
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 DENILQUIN
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WELLINGTON...	E. MILLER.
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DONALD LARNACH, Esq.

Directors:

J. S. ATKINS, Esq.

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OFFICE - 37, CANON STREET, LONDON.

The New Zealand Branches are established for the conduct of all customary Banking and Exchange Business. Local Bills of short currency, bearing at least two approved names, discounted at current rates. Bills of Exchange on Great Britain or Australasia, with Bills of Lading against Gold, Wool, or Merchandise, or bearing approved endorsements, negotiated or forwarded for collection. Drafts or Letters of Credit issued on England, Scotland, or Ireland, and on all the chief towns in Australia, Tasmania, or New Zealand, and on South Africa.

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UNION BANK OF AUSTRALIA.

LIABILITY OF SHAREHOLDERS UNLIMITED.

Paid up Capital £1,250,000.

Reserve Fund £250,000.

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Robert Campbell, Esq.
Robert Carter, Esq.
James John Cummins, Esq.
Frederick G. Dalgety, Esq.

John Bloxam Elin, Esq.
William Fanning, Esq.
Charles Henry Mills, Esq.
Sir Henry Watson Parker
James Bogle Smith, Esq.
William Wilson, Esq.

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George Carr Glyn, Esq., M.P.
Robert Brooks, Esq., M.P.

James John Cummins, Esq.

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Bank of England

Messrs. Glyn, Mills, Currie and Co.

Secretary :

H. W. D. Saunders, Esq. (London).

Colonial Officers :

INSPECTOR AND GENERAL MANAGER :

John McMullen, Esq. (Melbourne.)

ASSISTANT INSPECTORS :

John Simpson, Esq. (New Zealand.) | 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, &c.*
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*
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Messrs. Bolithos, Sons and Co., *Penzance, &c.*

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Messrs. Foster and Co., *Cambridge, &c.*
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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 Bank of Ireland
The Royal Bank of Ireland, *Dublin*

The Northern Banking Company, *Belfast*

The National Bank of Scotland
The Commercial Bank of Scotland

The Union Bank of Scotland
The City of Glasgow Bank

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

The London, Buenos Ayres, and River Plate Bank
Messrs. Frederick Huth, Gruning and Co., *Valparaiso*
Messrs. Hellmann, Brothers and Co., *San Francisco*
Messrs. Russell and Sturgis, *Manila*

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QUEENSLAND—BRISBANE
ROCKHAMPTON
VICTORIA—MELBOURNE
GEELONG
PORTLAND
BALLARAT

VICTORIA—CASTLEMARINE
SANDHURST
JAMIESON
SOUTH AUSTRALIA—ADELAIDE
PORT ADELAIDE
TASMANIA—HOBART TOWN
LAUNCESTON

NEW ZEALAND.

AUCKLAND WELLINGTON
NAPIER—
NELSON—NELSON
GREYTOWN
CANTERBURY—CHRISTCHURCH
LYTTELTON

CANTERBURY—HOKITIKA
WAIMEA
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DUNSTAN
ARROW RIVER
SOUTHLAND—INVERCARGILL.

The Bank issues Drafts and Letters of Credit on London, which are negotiable through its various Agents as above, and on its various Branches and Agencies in the Colonies.

General Terms of Business may be ascertained on application at the Bank's
Offices,
HEREFORD STREET,
CHRISTCHURCH,
And
NORWICH QUAY,
LYTTELTON.

BANK OF AUSTRALASIA.

INCORPORATED BY ROYAL CHARTER, 1835.

CAPITAL PAID UP - - - - £1,200,000.
 GUARANTEE FUND - - - - £200,000.

HEAD OFFICE, 4, THREADNEEDLE STREET, LONDON.

Court of Directors:

HUGH C. B. CHILDERS, Esq., M.P.
 HENRY VIGURS EAST, Esq.
 SIR W. MINTO T. FARQUHAR, Esq. BART. M.P.
 OLIVER FARRAR, Esq.
 R. W. T. HAMILTON, Esq.
 JAMES HELME, Esq.

THOMAS WINGATE HENDERSON, Esq.
 DAVID QUIXANE HENRIQUE, Esq.
 SAMUEL EUSTACE MAGAN, Esq.
 CHARLES MORRIS, Esq.
 ARTHUR AUGUSTUS RASCH, Esq.
 HENRY WHITE, Esq.

Secretary:

WILLIAM MILLIKEN, Esq.

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NEW SOUTH WALES—Sydney, East Maitland,
 West Maitland, Newcastle.

QUEENSLAND—Brisbane, Ipswich.

VICTORIA—Melbourne, Geelong, Williamstown,
 Portland, Belfast, Warrnambool, Ballarat, Beech-
 worth, Castlemaine, Sandhurst.

SOUTH AUSTRALIA—Adelaide, Port Lincoln,
 Koringa.

TASMANIA—Hobart Town, Launceston.

NEW ZEALAND—Auckland, Christchurch,
 Dunedin, Dunstan, Queenstown.

Superintendent of the Colonial Establishment:

JAMES JOHN FALCONER.

General Inspector of Branches:

DAVID CHARTERIS MACARTHUR.

Rates of Interest and General Terms of Business may be ascertained on application at any of the
 above-named Offices.

W. L. HAWKINS,
 MANAGER,

CHRISTCHURCH.

NEW ZEALAND TRUST & LOAN COMPANY, LIMITED.

CAPITAL - - - - - £500,000

In 20,000 Shares of £25 each (with power to increase).

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 and Co., Gresham street, *Deputy Chairman*.
 CAPTAIN HENRY CARR GLYN, R.N., 15, Eaton Terrace, Eaton Square.
 H. SELFE SELFE, Esq., English Agent for the Government of Canterbury, New Zealand.
 R. A. BROOKS, Esq., Messrs. Robert Brooks and Co., St. Peter's Chambers, Cornhill.
 GEO. FENNING, Esq.

BANKERS.

IN NEW ZEALAND—THE UNION BANK OF AUSTRALIA.

LOCAL BOARD.

WILLIAM JOHN WARBURTON HAMILTON, Esq.
 RICHARD JAMES STRACHAN HARMAN, Esq.
 EDMUND SIMMONDS DALGETY, Esq.

This Company is established for the purpose of supplying to New Zealand the advantages already
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 prepared to make advances upon Freehold and other Securities.

EVERY INFORMATION AFFORDED ON APPLICATION TO

W. D. CARRUTHERS,
 General Manager,

CASHEL STREET, CHRISTCHURCH.

AUSTRALIAN Mutual Provident Life Assurance Society,

ESTABLISHED 1849.

ANNUAL REVENUE NOW EXCEEDS £95,000.

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Directors of the Society:

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SAMUEL THOMPSON, ESQ., <i>Deputy Chairman.</i>	JOHN SMITH, ESQ. M.D.
ROBERT GILFILLAN, ESQ.	
J. F. JOSEPHSON, ESQ. M.P.	

Medical Referee:

Sprott Boyd, Esq., M.D., No. 6, Lyons' Terrace,
Hyde Park.

Solicitors:

Messrs. Stephen and Stephen.

Standing Counsel:

The Hon. Sir William Montagu Manning,
Q.C., M.L.C.

Auditors:

Edward Wrench, Esq. | A. H. J. Baass, Esq.

Bankers:

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Sydney University.

Local Agent:

Benjamin Short.

Acting Actuary:

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VICTORIAN BRANCH.

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Life Assurances of all kinds. Granting Annuities on Lives, present, deferred, and reversionary. Granting
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Prompt settlement of claims. Liberal conditions as to voyaging, residence, &c. Miners' lives assured on favourable
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These profits are more than threefold those allotted by most other offices in the Colony.

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MARINE INSURANCE.

LIFE ASSURANCE.

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ESTABLISHED 1849.

CAPITAL, £200,000.

AND

Victoria Life and General Insurance Company.

CAPITAL, £2,000,000.

UNLIMITED LIABILITY OF SHAREHOLDERS.

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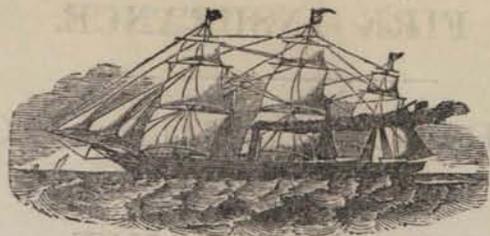
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ROYAL MAIL STEAM PACKET COMPANY,
LIMITED.

NEW ZEALAND MAIL SERVICE.

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AUCKLAND	850 "	150 "
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Sydney, via Nelson.	Sydney, via Melbourne.
Sydney, via Auckland (either East or West Coast routes.)	Melbourne, via Otago and Bluff.
	Melbourne, via Sydney.

Arrangements have also been made with other companies to book through to Launceston, Hobart Town, Adelaide, Warrnambool, Port Fairy, and Portland.

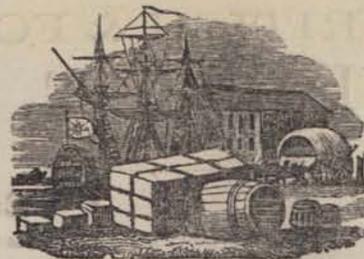
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UNDERSIGNED



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BUYERS OF

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AND

MAKE LIBERAL ADVANCES

ON

CONSIGNMENTS TO ENGLAND,
MELBOURNE AND SYDNEY.

THEY ARE ALSO PREPARED TO

SELL STOCK AND STATIONS

ON COMMISSION, AND TO UNDERTAKE ALL KINDS OF

AGENCY BUSINESS FOR STOCKOWNERS.

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STATION SUPPLIES ON HAND.

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MARINE INSURANCE COMPANY,
LIMITED.

CAPITAL - - - £1,000,000,

In 50,000 Shares of £20 each, with power to increase to £2,000,000.

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£2 PER CENT. PER ANNUM ON THE SUM ASSURED!

The greatest bonus ever continuously declared by any company.

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All risks rated upon their own merits, and losses promptly settled on the spot.

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NEW ZEALAND INSURANCE COMPANY.
FOR FIRE AND MARINE INSURANCE.

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With Unlimited Liability of the Shareholders.

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GLASGOW BRANCH :

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MESSRS. J. M. HEYWOOD & Co.

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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.

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Agent at Timaru ;

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Lyttelton and Christchurch.

J. M. HEYWOOD AND CO.,

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**CUSTOM HOUSE AND COMMISSION AGENTS,
 CATHEDRAL SQUARE, CHRISTCHURCH,**

AND

NORWICH QUAY, LYTTLETON.

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RAKAIA SOUTH,

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ALWAYS ON HAND.

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GLOUCESTER STREET,

(ADJOINING THE ROYAL PRINCESS' THEATRE,)

CHRISTCHURCH.

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EVERY CONVENIENCE ON THE SPOT.

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FIRST-CLASS ENGLISH AND COLONIAL-MADE FURNITURE,
BEDDING, IRON BEDSTEADS, CARPETS, MATTINGS, AND FLOOR CLOTHS,
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Is now prepared to furnish Funerals of every
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A large assortment of
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**COOKING
STOVES.**



**REGISTER
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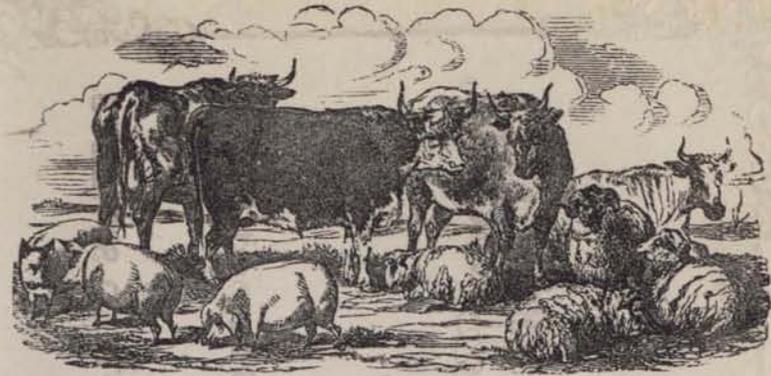
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Saddle Horses and Conveyances

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**Good Coach Houses, Loose Boxes,
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First-class Stable Accommodation, and every
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SAY THE SIZE TO BE
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 (OPPOSITE BANK OF NEW ZEALAND.)

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HORSE REPOSITORY,
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HORSES BOUGHT AND SOLD
ON COMMISSION.

HORSES BROKEN TO SADDLE
 AND
DOUBLE AND SINGLE HARNESS.

SADDLE HORSES, TWO AND FOUR-WHEEL
 CARIAGES TO LET.

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 ACCOUNTS ADJUSTED,
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 IMPORTER OF EVERY KIND OF
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ALL KINDS OF BRICKWORK

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Stoves, Coppers, Ranges, Conical, Cylindrical,

OR ANY KIND OF STEAM BOILERS

SET ON THE MOST APPROVED PRINCIPLE.

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WHOLESALE AND RETAIL
Zinc and Galvanized Iron Warehouse.

Galvanized Ridging, O.G. Spouting, &c., Made and Fitted to order.
Cistern Heads, Piping Shoes, always on hand.
Shower, Slipper, and Hip Baths, Sponge Pans, &c.

E. V. HIORNS,
ARMAGH STREET,
(NEAR MR. ALPORT'S STORE,
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N.B.—EVERY DESCRIPTION OF TIN WORK DONE ON THE PREMISES.

BROOKER AND SON,
ZETLAND HOTEL,
CASHEL STREET,
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LUNCHEONS AND DINNERS.

Balls, Suppers, and Public Dinners Contracted for on the most reasonable terms.

Wines, Spirits, &c., Best Brands, on the most reasonable terms.

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Tin-Plate, Zinc and Iron Worker,

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Street and Hotel Lamps made to any size and design.

Rainwater Pipes, Cowls, &c., made to order.

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Force Pumps and Water Closets Fitted and Repaired.

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First-class Stabling and Attendance.

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 NEXT FORESTERS' HALL, CHRISTCHURCH.

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Having taken the above Hotel, hopes by studied attention to
 business, and by keeping

ALES, WINES, AND SPIRITS,

OF THE BEST BRANDS.

WITH FIRST-CLASS ACCOMMODATION,

To merit that patronage so liberally bestowed on his predecessor.

FIRST-CLASS COVERED SKITTLE ALLEY.

QUOIT GROUND.

BOATS ALWAYS ON HIRE.

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The Largest and Best Selections of Paperhangings in the Province always on hand.

Experienced Workmen sent to all parts of the Province.

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CAVERSHAM HOTEL,

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MADRAS STREET AND FERRY ROAD,

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FIRST-CLASS ACCOMMODATION FOR FAMILIES

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MR. DAVID SCOTT.

Classical Master :

MR. ALEXANDER MONTGOMERY.

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MR. CHARLES COOK.

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MR. WADDINGTON.

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The Rector (Mr. Scott) has Accommodation for Boarders.

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Under 12 years of age, 55 guineas.

Above 12 " " 65 guineas.

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South of Cathedral Square,

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A LARGE ASSORTMENT OF GOODS ALWAYS ON HAND AT CHEAP RATES.

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All kinds of Repairs done. Lock and White Smithing in all its branches.

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COACHES OF THE ABOVE LINE LEAVE THE BOOKING OFFICE,
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As under, at which place all information as to
HOURS OF STARTING,
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May be obtained.

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Every Monday, Wednesday, and Friday,
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KAIAPOI WOODEND LEITHFIELD SALTWATER CREEK

Daily at 8.50 a.m.
And Extra for KAIAPOI, daily, at 3.30 p.m.

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Every Monday, Wednesday, and Friday,
At 8.50 A.M.

FOR
WHITE'S M'RAE'S PORTER'S PASS
ENNY'S CRAGIEBURN BEALEY
OTIRA GORGE TEREMAKAU TAIPO
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Every Tuesday and Saturday, at 3 a.m.

For Sumner and Lyttelton, daily, at 9 a.m., 12 noon, and 4.30 p.m.

Special Conveyances may be hired at any time, at Moderate Charges. Imported Vehicles of all kinds, of the best home makers, on view.

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SUPERFINE BROAD CLOTHS,
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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.

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MONUMENTS, TOMBS, HEADSTONES,

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OF ALL KINDS,

Made and Fitted up with dispatch, and delivered perfect in any part of the country,
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Direct Importer from the Home Markets,

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Comfortable Board and Residence

CAN BE OBTAINED ON

THE MOST REASONABLE TERMS.

Having the Largest Cellar in Christchurch, he is enabled to
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WINES, SPIRITS, AND BEER,

IN THE VERY BEST CONDITION.

R. & D. SUTHERLAND,

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Wholesale and Family Grocers,

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A CHOICE STOCK OF VERY SUPERIOR

BLACK AND GREEN TEAS,

GROCERY, PROVISIONS, &c.,

All of first-class brands and at the lowest current rates.

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WILL RECEIVE OUR BEST ATTENTION.

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ADVANCES MADE ON STOCK AND OTHER PROPERTY PLACED

IN THEIR HANDS FOR IMMEDIATE SALE.

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NEXT TO CRITERION BOOT DEPOT.

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FAR-FAMED FOR THE BEST AND CHEAPEST

TEA, COFFEE, AND GENERAL GROCERIES.

Good Black Tea, 2s. and 2s. 6d.

Black, Green, or Mixed Tea, 3s., 3s. 4d. and 3s. 8d.

THE BEST COFFEE IN THE WORLD, 1s. 8d. and 2s,

Fresh Roasted and Ground on the Premises,

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SUGARS, AT WHOLESALE PRICES.

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RAILWAY DELIVERY.

BARRETT, COMER & CO.,
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May be arranged for on the Shortest Notice.

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Railway Station Sale Yards.

The Yards have been erected at a great expense, and for Accommodation and Drafting Purposes are surpassed by none.

The Sheep Yards are likewise complete, and are confidently recommended to
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THE CATTLE YARDS WILL HOLD 500 HEAD OF CATTLE.

THE SHEEP YARDS WILL HOLD 3000 HEAD AND UPWARDS.

From the convenient position of these Yards, being close to the Christchurch Railway Station and scarcely half a mile from the centre of the Town, and, upon completion of the Tunnel (which is anticipated shortly), importers of stock may then, without inconvenience, deliver out of the Railway Trucks into these Yards. And the same may be said of the Great Southern Railway, likewise likely to be completed before any length of time.

G. D. L. has thoroughly experienced Judges of Stock constantly in his employment, and careful Stockmen are always engaged to attend to any Stock committed to his care.

ADVANCES

Will be made to Shippers and Owners of Stock placed in his hands for *bona fide* sale; and the greatest attention paid to either large or small numbers of all descriptions of Stock.

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Immediately rendered; and the Charges are reduced to the lowest possible calculation.

J. WOODFORD,
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WATCH AND CLOCK MAKER,
JEWELLER, &c.,
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Superintendent of the Horological Department of the Great International Exhibition of 1851.

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Electrical Instruments Made to Order.

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 PATENT LEVER GLASS VENTILATORS

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ORNAMENTAL GLASS LETTERS.

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Bread-making Machines and Ovens.

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Horticultural Garden.

CHOICE FRUIT TREES
OF ALL KINDS FOR SALE, TRUE TO NOMENCLATURE.

ALSO, THE FOLLOWING:

EUROPEAN FOREST TREES,
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OF EVERY DESCRIPTION,

HERBACEOUS PLANTS,
AND OTHER ORNAMENTAL

BORDER FLOWERS,
FOR BEDS, &c.

CABBAGE, CAULIFLOWER, BROCCOLI, AND SAVOY PLANTS,
Always on Hand.

WILLIAM SWALE,
PROPRIETOR.

N.B.—ORDERS WILL BE PUNCTUALLY ATTENDED TO AT ALL TIMES.

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HAIR-CUTTING

AND

SHAMPOOING SALOONS,

Only Establishment where Camp's Patent Hair-
brushing Machine is used.

Finest TOBACCO & CIGARS Imported.

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HOT, COLD & SHOWER,
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HEATHCOTE WHARF, FERRY ROAD.

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STATIONER, BOOKSELLER,
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 NEWS AGENT,
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—o:~o:—
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FOR THE
 AUSTRALASIAN WEEKLY AGE WEST COAST TIMES
 AUSTRALIAN JOURNAL MELBOURNE POST &c., &c., &c.

—o:~o:—
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Begs to inform the Public of Canterbury that they can be supplied regularly, on the arrival of each Mail from England, with the following English Newspapers and Periodicals:—

Home News	Saturday Review	World of Fashion
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Constantly in Stock, and Sold at the Lowest remunerative rates. Also, a Large Assortment of
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FANCY GOODS,

Suitable for Presents and Bazaars.

Hawkers and Pedlars Supplied on Liberal Terms.

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AND EVERY DESCRIPTION OF

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GENERAL COMMISSION AGENT,

Accountant and Collector,

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CHRISTCHURCH.

HEREFORD STREET FORGE,
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BLACKSMITH,
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RAILINGS OF EVERY DESCRIPTION
MADE TO ORDER.

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ON THE

MOST IMPROVED PRINCIPLES.

REPAIRS OF EVERY DESCRIPTION

Executed with Dispatch.

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English Newspaper Agency,

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Established 1857.

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Informs the Public of Canterbury that he is prepared to supply

THE HOME NEWS,
 THE ILLUSTRATED LONDON NEWS,
 BELL'S LIFE,
 PUNCH,
 SATURDAY REVIEW,
 THE TIMES,
 EVENING MAIL,
 WEEKLY DISPATCH,
 NEWS OF THE WORLD,
 ART JOURNAL,
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 LONDON JOURNAL,
 CORNHILL MAGAZINE,
 AND ALL THE
 BRITISH AND COLONIAL NEWSPAPERS,
 TO HALF-YEARLY SUBSCRIBERS.

Terms, Cash.

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COLOMBO STREET,

AND

CORNER OF CATHEDRAL SQUARE,
 CHRISTCHURCH.

ESTABLISHED 1856.

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OF EVERY DESCRIPTION OF

CLOTHS, DOESKINS, TWEEDS,

AND

TAILORS' TRIMMINGS.

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Beg to acquaint their Customers that they have

RELINQUISHED THEIR OUTFITTING BUSINESS

In order to give the whole of their

ATTENTION TO THE TAILORING DEPARTMENT,

In which they will guarantee to give such

Perfection of Fit and Quality of Material

That cannot be surpassed by any London House.

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MILLINERY, MANTLE,

AND

UNDERCLOTHING ESTABLISHMENT,

CORNER OF HIGH AND MANCHESTER STREETS,

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WEDDING AND MOURNING ORDERS

EXECUTED ON THE SHORTEST NOTICE.

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PORTLAND CEMENT, PLASTER OF PARIS AND BRICKS, TIMBER,
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HOPS, RANGES AND STOVES, GALVANIZED IRON, LEAD, ZINC,
FIREBRICKS, PLASTERER'S HAIR, WHITE LEAD,
MARBLE MANTEL-PIECES, &c., &c.

CATHEDRAL YARD,
CHRISTCHURCH.

Brick Yard: Opposite the Catholic Church.

TO SADDLERS,
SHOEMAKERS,
AND
LEATHER DEALERS.

Every description of Colonial Manufactured Leather of superior
quality to be had at the

HEATHCOTE TANNERY,

Near Milton's Wharf and Hillsborough Station, Ferry Road.

COUNTRY ORDERS PUNCTUALLY ATTENDED TO.

The highest Cash Price given for Hides and Sheepskins.

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Proprietor.

JOHN ATKINSON,
BOOTMAKER,

(FROM LONDON.)

COLOMBO STREET NORTH,

AND

LONDON HOUSE, Whately Road, CHRISTCHURCH.

LONDON HOUSE,

WHATELY ROAD,

Toys, Tobacco, Stationery, and Fancy Goods Depot.

Circulating Library, News Agent, &c.

MRS. JOHN ATKINSON.

NOALL AND BOWLER,

ACCOUNTANTS, ARBITRATORS

AND

General Commission Agents.

RENTS AND DEBTS COLLECTED IN TOWN AND COUNTRY.

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CATHEDRAL SQUARE, CHRISTCHURCH!

**JOHN TUNMER,
NURSEYMAN & FLORIST,**

**GROVE NURSERY,
COLOMBO STREET NORTH,**

Four minutes' walk from the Market Place,

CHRISTCHURCH.

ALL KINDS OF CHOICE FRUITS, TRUE TO NAME.

A Choice Variety of Greenhouse Plants, always on Sale.

A FINE COLLECTION OF CLOVES, PICOTEES, AND CARNATIONS, OF
SPLENDID COLOUR.

FLOWERS OF ALL KINDS.

All Orders from the Country promptly attended to,
and carefully packed.

**BRIDGE INN,
GREAT NORTH ROAD,
S. TRELEAVEN.**

Beers, Wines, and Spirits, of the Best Brands.

FIRST-CLASS ACCOMMODATION.—WELL-AIRED BEDS.

Good Stabling and Paddocks.

S. TRELEAVEN,

**MILLER AND CORN FACTOR,
GLOUCESTER STREET,**

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JOHN M'COSKER,
 CONTRACTOR, MASON,
 AND
 BUILDER,
 Lichfield Street, Christchurch.

Tombs and Headstones executed on the shortest notice.

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 Import Merchants,
 AND
 WHOLESALE & RETAIL GROCERS,
 &c., &c., &c.,
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HARGOOD & SONS,
 FRUITERERS,
 Green Grocers and Potato Merchants,
 COLOMBO STREET SOUTH,
 CHRISTCHURCH.

STANDARD HOTEL

OXFORD TERRACE,

(NEAR UNION BANK.)

WINES, SPIRITS,
 Ales, Beers, Liqueurs, &c., &c.,

(BEST BRANDS.)

THIS HOTEL is on the site of the old *Standard* Office, and
 offers every inducement to visitors as a well-served
 and well-conducted house.

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AGRICULTURAL
 Implement and Machinery Depot,
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(NEAR THE GOVERNMENT BUILDINGS.)

A GOOD SUPPLY OF IMPLEMENTS
 CONSTANTLY ON HAND,

Principally from the Manufactory of Messrs. Garrett and Son,
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Priced Catalogues Free, on Application.

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H. ALLCHIN,
 STAR HOTEL,

TUAM STREET,

CHRISTCHURCH.

Board and Lodging by the Week,

WITH EVERY COMFORT.

WINES, BEERS & SPIRITS

OF THE BEST QUALITY.

BREAKFAST	... ..	From Seven o'clock a.m.
DINNER	... ..	From Twelve Noon.
TEA	... ..	From Five p.m.

GOOD BEDS.



VETERINARY SHOEING FORCE,

HIGH STREET,



CHRISTCHURCH.

WHITE HART YARD.

JOHN MEADOWS,

In returning thanks for the success he has met with during the past nine months, takes this opportunity of informing his friends and customers that he is about to extend his premises, and feels assured, from his long experience with the principal Veterinary Surgeons in Liverpool and Melbourne, he will be able to give complete satisfaction to all who may honor him with their support.

C. OSWALD, GENERAL DEALER,

High Street and Hereford Street,

CHRISTCHURCH.

China Breakfast, Dinner & Tea Service

ALWAYS ON HAND.

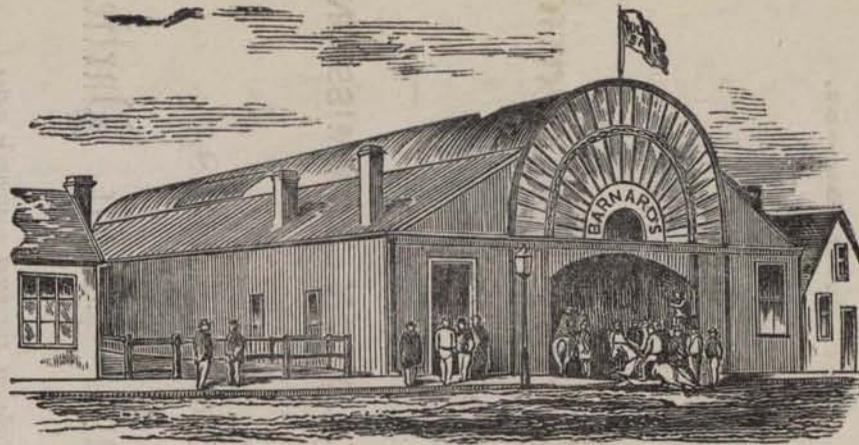
GOODS BOUGHT & SOLD ON COMMISSION.

BALLS, PUBLIC DINNERS,

Route, Wedding, and Pic-nic Parties

Supplied with every necessary article, at the most reasonable rates.

N.B.—C. OSWALD is prepared to Light Shops or Public Buildings with Kerosine, by the Day, Week, Month, or Year.



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HORSE, CATTLE, AND GENERAL SALESMAN,

CASHEL STREET, CHRISTCHURCH.

THE NEW PREMISES.



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W. STRANGE & CO.,

IMPORTERS OF

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SILK MERCERS, HOSIERS, HABERDASHERS.

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T. ABBOTT,

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QUARTER OF A MILE FROM NORTH TOWN BELT.

Gardens & Pleasure Grounds Laid Out & Stocked,

By Contract or otherwise.

Fruit Trees, Flowering and other Shrubs; upwards of
Fifty Varieties of very Choice Roses, &c., on Sale.

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MARKET SQUARE, CHRISTCHURCH.

Wholesale and Retail Draper

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SILK MERCER,

(Established 1852.)

IMPORTER OF DRAPERY GOODS

OF THE

Newest Patterns and Best Qualities.

Has always on hand a large and well-selected Stock to choose from, at very moderate prices, for cash.

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KNITTING WORSTED, LINSEYS, SOCKS, ETC.

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 AND
Stock Commission Agent,
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BOOT & SHOE WAREHOUSE.

(Next to W. Strange & Co.'s, Drapers.)

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**IMPORTER AND MAKER OF EVERY DESCRIPTION OF BOOTS
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On the latest and most improved principles.

Gents' French Calf Elastic-Side Emperor Boots, the Uppers in one piece, are well adapted for tender feet. This style of Boot having no seams, cannot be surpassed for appearance durability. A large and well assorted stock of Ladies', Gentlemen's and Children's Boots Shoes of every description always on hand.

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Underclothing & Baby Linen Establishment,

Cashel Street, Christchurch,

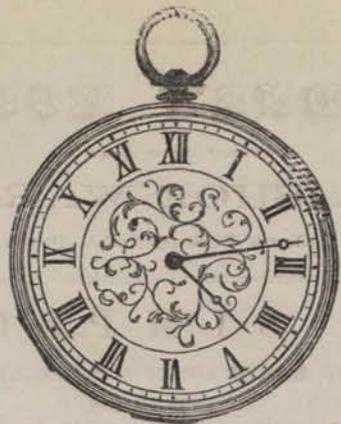
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MRS. GEORGE,

(LATE MILLINER TO W. STRANGE AND CO., VICTORIA HOUSE)

Begs to inform her friends and the Public, that she has opened the above Establishment with an Entirely New and Select Stock of Hats, Bonnets, Feathers, Flowers, Ribbons, Gloves, Hosiery, Haberdashery, &c.

N.B.—Wedding and Mourning orders promptly attended to.



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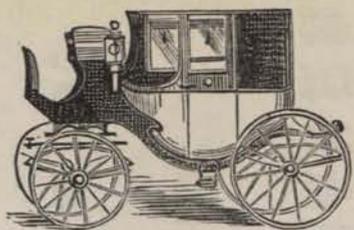
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WOOL IN THE GREASE,

SHEEPSKINS, AND HIDES.

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WAREHOUSE,
CASHEL STREET, CHRISTCHURCH.

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BEG to announce to their friends and the public generally that they have purchased of Mr. C. BONNINGTON the Book, Stationery and Bookbinding branches of his business, and that they have removed the Stock to, and intend to carry on the same at the premises recently occupied by Mr. Bonnington, on the North Side of Cashel Street, Christchurch.

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The Proprietors take the opportunity of reminding the public of Canterbury that the circulation of the *Lyttelton Times*, in both town and country, largely exceeds that of any other newspaper in the Province, and renders it the best medium for advertising.

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WILLIAM RAYNER,
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The object of the Proprietors in publishing the *Canterbury Times* is to provide the public at large, and especially those who desire to obtain the complete news of each week within moderate cost and compass, with a journal peculiarly suitable for home reading, country circulation, and transmission abroad.

While every item of important news which may occur during the week will find a place in the *Canterbury Times*, particular attention will be paid to those departments of information, instruction, and amusement, which are not properly within the scope of a daily paper.

The circulation already obtained by this journal renders it the
BEST MEDIUM FOR ADVERTISING
for those who particularly wish to address the Agricultural and Pastoral Public.

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LYTTELTON.

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DINING ROOMS.

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BOARD AND LODGINGS,

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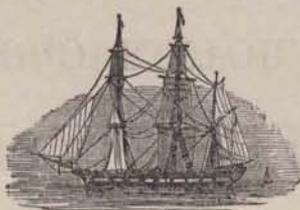
MICHAEL CARROLL AND CO.,

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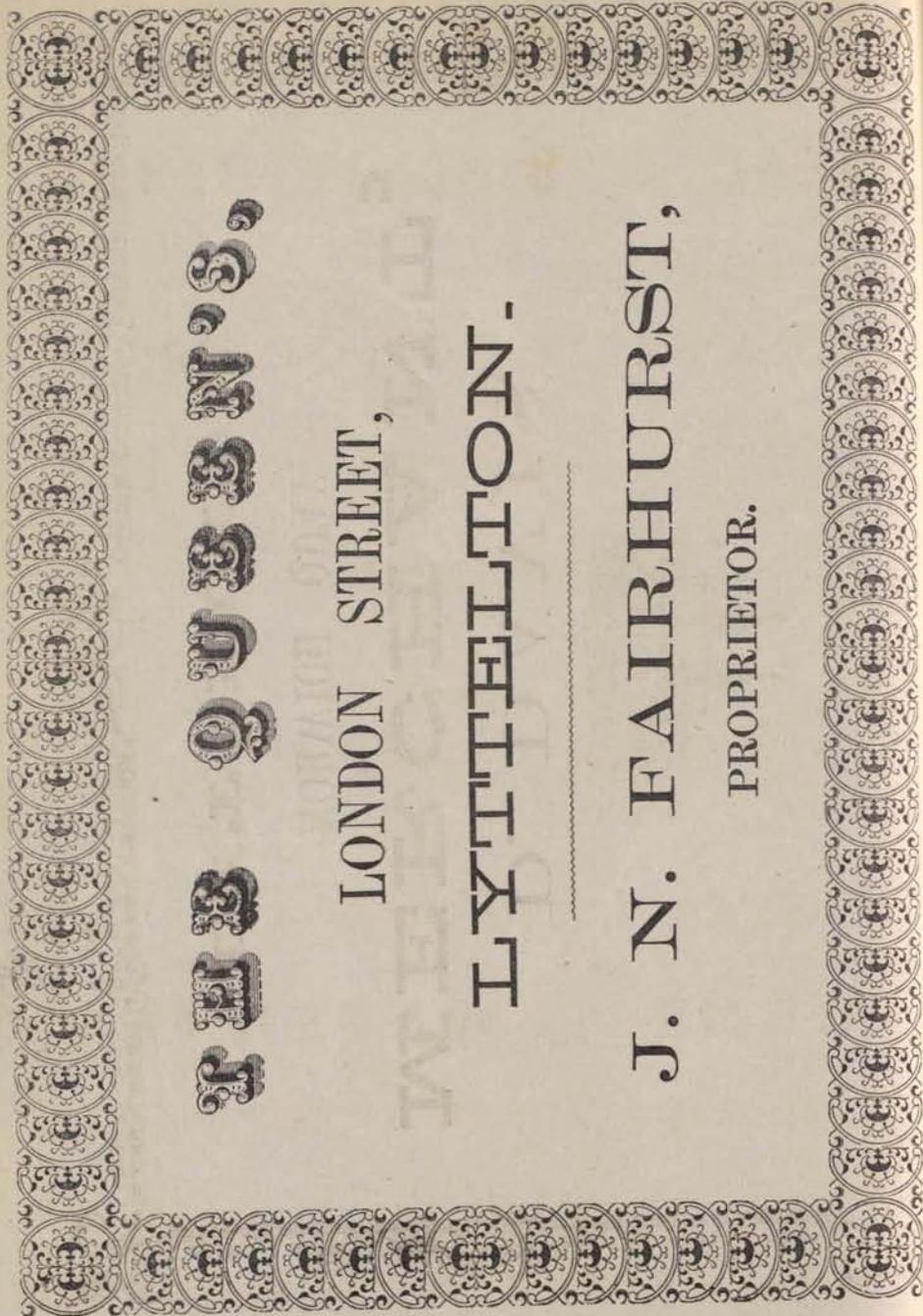
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LONDON STREET,

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J. N. FAIRHURST,

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**WILLIAM OLLIVER,
BREAD & BISCUIT BAKER,**

AND

**FAMILY GROCER,
LONDON STREET,
LYTTELTON.**

SHIPPING SUPPLIED.

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LICENSED WATERMEN,
ST. DAVID STREET, LYTTELTON.**

Pleasure Boats Let out on Hire, by the Day or Hour.

T. M. GEE,

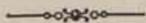
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GENERAL CONFECTIONER,

AND

GINGER BEER MANUFACTURER,

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LONDON STREET,

Near to Messrs. Johnson and Jenkin's, for the sale of

CONFECTIONERY, ETC.,

Where a stock of Jellies, Fruit Pies, Custards, Sandwiches,
Ginger Beer and Lemonade, will always be on hand.



Orders received for Bride Cakes, Wedding Break-
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SHIPPING SUPPLIED.

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OXFORD AND WINCHESTER STREETS,

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JOHN COLLIER,

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LONDON STREET,

LYTTELTON.

SHIPPING SUPPLIED.

ROBIN HOOD TAVERN,

NORWICH QUAY, LYTTELTON.

PETER CAMERON

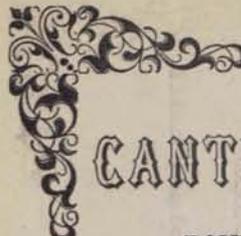
Takes this opportunity to acknowledge the liberal support he has received from the Public of Canterbury, and begs to state that in future he will endeavour to merit the same Patronage by keeping on hand

a Supply of the very best

WINES, SPIRITS, LIQUEURS, ALE, AND STOUT.

A COMMODIOUS BILLIARD ROOM,

Fitted up with one of Thurston's Patent Tables, and every requisite for the Game.



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LONDON AND CANTERBURY STREETS,
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AND

GENERAL GROCER.

THE TRADE SUPPLIED

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Liberal Terms.

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 COMMISSION AGENT.



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LYTTELTON.

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A COMFORTABLE AND CHEERFUL HOME

FOR RESIDENTS AND TRAVELLERS.

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WINES AND SPIRITS.

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GOOD BEDS.

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(Next door to Leeds House.)
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All kinds of Boots and Shoes made to order on Reasonable Terms.

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BOOT AND SHOE MAKER,

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IMPORTER,

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AGRICULTURAL IMPLEMENT MAKER,



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THE FIRST PRIZE

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AND

GENERAL STOREKEEPERS.

Produce of every description Purchased.

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COMMISSION AGENTS.

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AND

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CONSIGNED TO THEIR

CORRESPONDENTS IN LONDON.

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BAKER, &C.,

CORNER OF

BLACK AND HILTON STREETS, ISLAND,

AND

CHARLES STREET,

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WEDDING & CHRISTENING CAKES,

&c., &c., &c.,

MADE TO ORDER.

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NORTH ROAD, KAIAPOI.

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Private Rooms for Single Ladies, Gentlemen, or Families.

Livery and Bait Stables, with Paddock Accommodation and Stockyards for Cattle travelling.

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Kaiapoi Brick Works.

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PROPRIETORS.

GOOD BRICKS

ALWAYS ON HAND,

And can be delivered on advantageous terms in any part of the neighbourhood of Kaiapoi and Christchurch.

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BETWEEN

KAIAPOI AND CHRISTCHURCH,

OR TO ANY PART OF THE

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Horses and Drays for Hire.

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FAMILY AND DISPENSING CHEMIST,
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Horse and Cattle Medicines, of every description,
ALWAYS ON HAND.

Fine Fresh Leeches, Vinegars, Perfumery, &c., &c.

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STEAM SODA - WATER MANUFACTORY,
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NORTHBROOK NURSERY,
RANGIORA,

HAS ON SALE ONE OF THE MOST
EXTENSIVE COLLECTIONS
 IN THE PROVINCE OF ALL SORTS OF

FRUIT TREES,

Perfectly free from Blight, True to Name, and

ON MODERATE TERMS.

ALSO,

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BULBS, &c., &c.

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WILLIAM E. IVORY,

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BEST GROWN STOCK IN THE PROVINCE,

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MANY THOUSANDS OF APPLES,

All the best varieties, guaranteed free from blight in root and branch.

PEARS, EARLY AND LATE,

All on Pear Stocks.

CHERRIES, PLUMS, PEACHES, NECTARINES,

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AND

SMALL FRUITS, EVERGREEN SHRUBS.

Hedge Plants, in Variety.

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AND IMPORTER,

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Trent and Co.'s celebrated Canterbury Ground

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IN CRYSTALS, POWDER, OR LIQUID.

Packed in Bottles, 1 and 2 ozs.; or Jars, 1 and 2 lbs. each.

NAMES OF COLOURS:—

MAGENTA	ROSEINE	FUCHSINE	VIOLET
PURPLE	CRIMSON	MAUVE	BLUE
GREEN	CANARY	ORANGE	YELLOW
PHOSPHINE	SCARLET	RED	ULTRAMARINE
BROWN	BLACK	REGINA	SOLUBLE BLUE

The majority of our Dyes are entirely *soluble* in boiling water, and will dye without the addition of other ingredients.

ANILINE DYES.—“I shall commence my observations on Dyeing, by referring especially to the remarkable and beautiful colours derived from Coal Tar, the introduction of which into this art, may be said to constitute the chief distinction as far as Dyeing is concerned, between the present and the former Exhibition, creating in fact, a new era in the tinctorial art. Coal tar colours deserve attention for their power, as well as for the facility with which they may be applied, for one grain will deeply tint half a gallon of water, and little or no skill is required for their application.”—*Vide* Report by GRACE CALVERT, ESQ., F.R.S., PH. D., Honorary Professor of Chemistry.

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DANIEL JUDSON & SON,
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MANUFACTORY—BERMONDSEY.

ALSO,

JUDSON'S I M P L E D Y E S

FOR THE PEOPLE,

1s. 6d., 2s. 6d., and 5s. per Bottle.

Large Discount to Wholesale Dealers.

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Liquid Dyes are liquid, and may be used in a basin of water.

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MORSON'S PEPSINE WINE, MORSON'S PEPSINE LOZENGES, MORSON'S PEPSINE POWDER,

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The above Preparations, bearing their Name, but not otherwise, will be guaranteed to possess the full efficacy of the digestive principle.

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T. MORSON AND SON,
WHOLESALE AND EXPORT DRUGGISTS,

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Patent Gelatine and all Granular Preparations, &c.

Manufacturers of Chemical, Pharmaceutical and Photographic Preparations.

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** Orders (payable in London) are most carefully shipped.

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**Wellington Knife Polish,
INDIA RUBBER KNIFE BOARDS,
GENUINE EMERY CLOTHS,**

CABINET GLASS PAPER,

**GLASS CLOTH, GLUES,
BLACK LEAD, &c., &c.**

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CHRISTCHURCH,

AND

LAMBTON QUAY,

WELLINGTON.

BY SPECIAL APPOINTMENT TO

V.  R.
HIS EXCELLENCY SIR GEORGE GREY, K.C.B.,

GOVERNOR OF THE COLONY OF N.Z.



ROWLAND'S MACASSAR OIL,

THIS Elegant and Fragrant Oil is universally in high repute for its unprecedented success during the last sixty years in promoting the growth, Restoring, Preserving, and Beautifying the Human Hair. It prevents hair from falling off or turning grey, strengthens weak hair, cleanses it from scurf and dandruff, and makes it beautifully soft, pliable and glossy. PRICE 3s. 6d., 7s., 10s. 6d. (EQUAL TO FOUR SMALL), AND 21s. PER BOTTLE.

ROWLAND'S KALYDOR,

An Oriental Botanical Preparation for Improving and Beautifying the Complexion and Skin. The radiant bloom it imparts to the cheek, the softness and delicacy which it induces of thy hands and arms, its capability of soothing irritation, and removing cutaneous defects, render it indispensable to every toilet. Price 4s. 6d. and 8s. 6d. per bottle.

White and sound teeth are indispensable to personal attraction, and to health and longevity by the proper mastication of food.

ROWLAND'S ODONTO, OR PEARL DENTIFRICE,

Compounded of the choicest and most recherche ingredients of the Oriental herbal, is of inestimable value in preserving and beautifying the teeth, strengthening the gums, and in giving a delicate fragrance to the breath. It eradicates tartar from the teeth, removes spots of incipient decay, and polishes and preserves the enamel, to which it imparts a pearl-like whiteness. Price 2s. 9d. per box. Sold by Chemists and Perfumers.

Ask for ROWLAND'S Articles, and see that the wrappers correspond with the above small copies.

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OF EVERY DESCRIPTION, INCLUDING
MEDICATED LOZENGES, REFINED LIQUORICE, JUJUBES, JAMS, JELLIES, MARMALADE, &c.
MANUFACTURED BY STEAM POWER BY

J. CHILLINGWORTH & CO.,
(J. C., formerly Senior Partner in the Firm of Smith and Co., Fell Street, London, and of the Firm of Chillingworth, Smith and Co., Messina.)
116 & 117, HOLBORN HILL, LONDON, E.C.,
Successors to G. Moore and Co.,
MANUFACTURING AND EXPORT CONFECTIONERS,
ESTABLISHED 1750. LONDON BANKERS—Messrs. ROBERTS & Co.

Indents and consignments received and promptly and carefully attended to. C. & Co. possess a most extensive knowledge of all the Home Markets, enabling them to dispose of all produce and consignments to the best advantage. Proceeds can be promptly remitted by draft or goods. Orders made payable by London houses or by consignments.

Importers and Exporters of Foreign Wines and Spirits.

THE
SOUTHERN PROVINCES ALMANAC, 1866.

TABLES SHOWING THE DAYS OF THE WEEK AND MONTH, THE NUMBER OF DAYS
FROM THE COMMENCEMENT AND TO THE END OF THE YEAR.

JANUARY.			FEBRUARY.			MARCH.			APRIL.		
1 Monday	...	1 ... 365	1 Thursday	...	32 ... 334	1 Thursday	...	60 ... 306	1 Sunday	...	91 ... 275
2 Tuesday	...	2 ... 364	2 Friday	...	33 ... 333	2 Friday	...	61 ... 305	2 Monday	...	92 ... 274
3 Wednesday	...	3 ... 363	3 Saturday	...	34 ... 332	3 Saturday	...	62 ... 304	3 Tuesday	...	93 ... 273
4 Thursday	...	4 ... 362	4 Sunday	...	35 ... 331	4 Sunday	...	63 ... 303	4 Wednesday	...	94 ... 272
5 Friday	...	5 ... 361	5 Monday	...	36 ... 330	5 Monday	...	64 ... 302	5 Thursday	...	95 ... 271
6 Saturday	...	6 ... 360	6 Tuesday	...	37 ... 329	6 Tuesday	...	65 ... 301	6 Friday	...	96 ... 270
7 Sunday	...	7 ... 359	7 Wednesday	...	38 ... 328	7 Wednesday	...	66 ... 300	7 Saturday	...	97 ... 269
8 Monday	...	8 ... 358	8 Thursday	...	39 ... 327	8 Thursday	...	67 ... 299	8 Sunday	...	98 ... 268
9 Tuesday	...	9 ... 357	9 Friday	...	40 ... 326	9 Friday	...	68 ... 298	9 Monday	...	99 ... 267
10 Wednesday	...	10 ... 356	10 Saturday	...	41 ... 325	10 Saturday	...	69 ... 297	10 Tuesday	...	100 ... 266
11 Thursday	...	11 ... 355	11 Sunday	...	42 ... 324	11 Sunday	...	70 ... 296	11 Wednesday	...	101 ... 265
12 Friday	...	12 ... 354	12 Monday	...	43 ... 323	12 Monday	...	71 ... 295	12 Thursday	...	102 ... 264
13 Saturday	...	13 ... 353	13 Tuesday	...	44 ... 322	13 Tuesday	...	72 ... 294	13 Friday	...	103 ... 263
14 Sunday	...	14 ... 352	14 Wednesday	...	45 ... 321	14 Wednesday	...	73 ... 293	14 Saturday	...	104 ... 262
15 Monday	...	15 ... 351	15 Thursday	...	46 ... 320	15 Thursday	...	74 ... 292	15 Sunday	...	105 ... 261
16 Tuesday	...	16 ... 350	16 Friday	...	47 ... 319	16 Friday	...	75 ... 291	16 Monday	...	106 ... 260
17 Wednesday	...	17 ... 349	17 Saturday	...	48 ... 318	17 Saturday	...	76 ... 290	17 Tuesday	...	107 ... 259
18 Thursday	...	18 ... 348	18 Sunday	...	49 ... 317	18 Sunday	...	77 ... 289	18 Wednesday	...	108 ... 258
19 Friday	...	19 ... 347	19 Monday	...	50 ... 316	19 Monday	...	78 ... 288	19 Thursday	...	109 ... 257
20 Saturday	...	20 ... 346	20 Tuesday	...	51 ... 315	20 Tuesday	...	79 ... 287	20 Friday	...	110 ... 256
21 Sunday	...	21 ... 345	21 Wednesday	...	52 ... 314	21 Wednesday	...	80 ... 286	21 Saturday	...	111 ... 255
22 Monday	...	22 ... 344	22 Thursday	...	53 ... 313	22 Thursday	...	81 ... 285	22 Sunday	...	112 ... 254
23 Tuesday	...	23 ... 343	23 Friday	...	54 ... 312	23 Friday	...	82 ... 284	23 Monday	...	113 ... 253
24 Wednesday	...	24 ... 342	24 Saturday	...	55 ... 311	24 Saturday	...	83 ... 283	24 Tuesday	...	114 ... 252
25 Thursday	...	25 ... 341	25 Sunday	...	56 ... 310	25 Sunday	...	84 ... 282	25 Wednesday	...	115 ... 251
26 Friday	...	26 ... 340	26 Monday	...	57 ... 309	26 Monday	...	85 ... 281	26 Thursday	...	116 ... 250
27 Saturday	...	27 ... 339	27 Tuesday	...	58 ... 308	27 Tuesday	...	86 ... 280	27 Friday	...	117 ... 249

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THE SOUTHERN PROVINCES ALMANAC, 1866.

TABLES SHOWING THE DAYS OF THE WEEK AND MONTH, THE NUMBER OF DAYS
FROM THE COMMENCEMENT AND TO THE END OF THE YEAR.

JANUARY.			FEBRUARY.			MARCH.			APRIL.		
1 Monday	1	365	1 Thursday	32	334	1 Thursday	60	306	1 Sunday	91	275
2 Tuesday	2	364	2 Friday	33	333	2 Friday	61	305	2 Monday	92	274
3 Wednesday	3	363	3 Saturday	34	332	3 Saturday	62	304	3 Tuesday	93	273
4 Thursday	4	362	4 Sunday	35	331	4 Sunday	63	303	4 Wednesday	94	272
5 Friday	5	361	5 Monday	36	330	5 Monday	64	302	5 Thursday	95	271
6 Saturday	6	360	6 Tuesday	37	329	6 Tuesday	65	301	6 Friday	96	270
7 Sunday	7	359	7 Wednesday	38	328	7 Wednesday	66	300	7 Saturday	97	269
8 Monday	8	358	8 Thursday	39	327	8 Thursday	67	299	8 Sunday	98	268
9 Tuesday	9	357	9 Friday	40	326	9 Friday	68	298	9 Monday	99	267
10 Wednesday	10	356	10 Saturday	41	325	10 Saturday	69	297	10 Tuesday	100	266
11 Thursday	11	355	11 Sunday	42	324	11 Sunday	70	296	11 Wednesday	101	265
12 Friday	12	354	12 Monday	43	323	12 Monday	71	295	12 Thursday	102	264
13 Saturday	13	353	13 Tuesday	44	322	13 Tuesday	72	294	13 Friday	103	263
14 Sunday	14	352	14 Wednesday	45	321	14 Wednesday	73	293	14 Saturday	104	262
15 Monday	15	351	15 Thursday	46	320	15 Thursday	74	292	15 Sunday	105	261
16 Tuesday	16	350	16 Friday	47	319	16 Friday	75	291	16 Monday	106	260
17 Wednesday	17	349	17 Saturday	48	318	17 Saturday	76	290	17 Tuesday	107	259
18 Thursday	18	348	18 Sunday	49	317	18 Sunday	77	289	18 Wednesday	108	258
19 Friday	19	347	19 Monday	50	316	19 Monday	78	288	19 Thursday	109	257
20 Saturday	20	346	20 Tuesday	51	315	20 Tuesday	79	287	20 Friday	110	256
21 Sunday	21	345	21 Wednesday	52	314	21 Wednesday	80	286	21 Saturday	111	255
22 Monday	22	344	22 Thursday	53	313	22 Thursday	81	285	22 Sunday	112	254
23 Tuesday	23	343	23 Friday	54	312	23 Friday	82	284	23 Monday	113	253
24 Wednesday	24	342	24 Saturday	55	311	24 Saturday	83	283	24 Tuesday	114	252
25 Thursday	25	341	25 Sunday	56	310	25 Sunday	84	282	25 Wednesday	115	251
26 Friday	26	340	26 Monday	57	309	26 Monday	85	281	26 Thursday	116	250
27 Saturday	27	339	27 Tuesday	58	308	27 Tuesday	86	280	27 Friday	117	249
28 Sunday	28	338	28 Wednesday	59	307	28 Wednesday	87	279	28 Saturday	118	248
29 Monday	29	337				29 Thursday	88	278	29 Sunday	119	247
30 Tuesday	30	336				30 Friday	89	277	30 Monday	120	246
31 Wednesday	31	335				31 Saturday	90	276			

MAY.			JUNE.			JULY.			AUGUST.		
1 Tuesday	121	245	1 Friday	152	214	1 Sunday	182	184	1 Wednesday	213	153
2 Wednesday	122	244	2 Saturday	153	213	2 Monday	183	183	2 Thursday	214	152
3 Thursday	123	243	3 Sunday	154	212	3 Tuesday	184	182	3 Friday	215	151
4 Friday	124	242	4 Monday	155	211	4 Wednesday	185	181	4 Saturday	216	150
5 Saturday	125	241	5 Tuesday	156	210	5 Thursday	186	180	5 Sunday	217	149
6 Sunday	126	240	6 Wednesday	157	209	6 Friday	187	179	6 Monday	218	148
7 Monday	127	239	7 Thursday	158	208	7 Saturday	188	178	7 Tuesday	219	147
8 Tuesday	128	238	8 Friday	159	207	8 Sunday	189	177	8 Wednesday	220	146
9 Wednesday	129	237	9 Saturday	160	206	9 Monday	190	176	9 Thursday	221	145
10 Thursday	130	236	10 Sunday	161	205	10 Tuesday	191	175	10 Friday	222	144
11 Friday	131	235	11 Monday	162	204	11 Wednesday	192	174	11 Saturday	223	143
12 Saturday	132	234	12 Tuesday	163	203	12 Thursday	193	173	12 Sunday	224	142
13 Sunday	133	233	13 Wednesday	164	202	13 Friday	194	172	13 Monday	225	141
14 Monday	134	232	14 Thursday	165	201	14 Saturday	195	171	14 Tuesday	226	140
15 Tuesday	135	231	15 Friday	166	200	15 Sunday	196	170	15 Wednesday	227	139
16 Wednesday	136	230	16 Saturday	167	199	16 Monday	197	169	16 Thursday	228	138
17 Thursday	137	229	17 Sunday	168	198	17 Tuesday	198	168	17 Friday	229	137
18 Friday	138	228	18 Monday	169	197	18 Wednesday	199	167	18 Saturday	230	136
19 Saturday	139	227	19 Tuesday	170	196	19 Thursday	200	166	19 Sunday	231	135
20 Sunday	140	226	20 Wednesday	171	195	20 Friday	201	165	20 Monday	232	134
21 Monday	141	225	21 Thursday	172	194	21 Saturday	202	164	21 Tuesday	233	133
22 Tuesday	142	224	22 Friday	173	193	22 Sunday	203	163	22 Wednesday	234	132
23 Wednesday	143	223	23 Saturday	174	192	23 Monday	204	162	23 Thursday	235	131
24 Thursday	144	222	24 Sunday	175	191	24 Tuesday	205	161	24 Friday	236	130
25 Friday	145	221	25 Monday	176	190	25 Wednesday	206	160	25 Saturday	237	129
26 Saturday	146	220	26 Tuesday	177	189	26 Thursday	207	159	26 Sunday	238	128
27 Sunday	147	219	27 Wednesday	178	188	27 Friday	208	158	27 Monday	239	127
28 Monday	148	218	28 Thursday	179	187	28 Saturday	209	157	28 Tuesday	240	126
29 Tuesday	149	217	29 Friday	180	186	29 Sunday	210	156	29 Wednesday	241	125
30 Wednesday	150	216	30 Saturday	181	185	30 Monday	211	155	30 Thursday	242	124
31 Thursday	151	215				31 Tuesday	212	154	31 Friday	243	123

SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
1 Saturday	244	122	1 Monday	274	92	1 Thursday	305	61	1 Saturday	335	31
2 Sunday	245	121	2 Tuesday	275	91	2 Friday	306	60	2 Sunday	336	30
3 Monday	246	120	3 Wednesday	276	90	3 Saturday	307	59	3 Monday	337	29
4 Tuesday	247	119	4 Thursday	277	89	4 Sunday	308	58	4 Tuesday	338	28
5 Wednesday	248	118	5 Friday	278	88	5 Monday	309	57	5 Wednesday	339	27
6 Thursday	249	117	6 Saturday	279	87	6 Tuesday	310	56	6 Thursday	340	26
7 Friday	250	116	7 Sunday	280	86	7 Wednesday	311	55	7 Friday	341	25
8 Saturday	251	115	8 Monday	281	85	8 Thursday	312	54	8 Saturday	342	24
9 Sunday	252	114	9 Tuesday	282	84	9 Friday	313	53	9 Sunday	343	23
10 Monday	253	113	10 Wednesday	283	83	10 Saturday	314	52	10 Monday	344	22
11 Tuesday	254	112	11 Thursday	284	82	11 Sunday	315	51	11 Tuesday	345	21
12 Wednesday	255	111	12 Friday	285	81	12 Monday	316	50	12 Wednesday	346	20
13 Thursday	256	110	13 Saturday	286	80	13 Tuesday	317	49	13 Thursday	347	19
14 Friday	257	109	14 Sunday	287	79	14 Wednesday	318	48	14 Friday	348	18
15 Saturday	258	108	15 Monday	288	78	15 Thursday	319	47	15 Saturday	349	17
16 Sunday	259	107	16 Tuesday	289	77	16 Friday	320	46	16 Sunday	350	16
17 Monday	260	106	17 Wednesday	290	76	17 Saturday	321	45	17 Monday	351	15
18 Tuesday	261	105	18 Thursday	291	75	18 Sunday	322	44	18 Tuesday	352	14
19 Wednesday	262	104	19 Friday	292	74	19 Monday	323	43	19 Wednesday	353	13
20 Thursday	263	103	20 Saturday	293	73	20 Tuesday	324	42	20 Thursday	354	12
21 Friday	264	102	21 Sunday	294	72	21 Wednesday	325	41	21 Friday	355	11
22 Saturday	265	101	22 Monday	295	71	22 Thursday	326	40	22 Saturday	356	10
23 Sunday	266	100	23 Tuesday	296	70	23 Friday	327	39	23 Sunday	357	9
24 Monday	267	99	24 Wednesday	297	69	24 Saturday	328	38	24 Monday	358	8
25 Tuesday	268	98	25 Thursday	298	68	25 Sunday	329	37	25 Tuesday	359	7
26 Wednesday	269	97	26 Friday	299	67	26 Monday	330	36	26 Wednesday	360	6
27 Thursday	270	96	27 Saturday	300	66	27 Tuesday	331	35	27 Thursday	361	5
28 Friday	271	95	28 Sunday	301	65	28 Wednesday	332	34	28 Friday	362	4
29 Saturday	272	94	29 Monday	302	64	29 Thursday	333	33	29 Saturday	363	3
30 Sunday	273	93	30 Tuesday	303	63	30 Friday	334	32	30 Sunday	364	2
			31 Wednesday	304	62				31 Monday	365	1