

THE
SOUTHERN PROVINCES

ALMANAC,

DIRECTORY AND YEAR-BOOK

FOR

1865,

BEING THE YEAR AFTER BISSEXTILE OR LEAP-YEAR.

Twelfth year of Publication.

CHRISTCHURCH:
AND REEVES, PRINTERS, GLOUCESTER STREET AND CATHEDRAL SQUARE.
MDCCCLXIV.



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THE SOUTHERN PROVINCES ALMANAC, 1865.

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 Sunday	1	365	1 Wednesday	32	334	1 Wednesday	60	306	1 Saturday	91	275
2 Monday	2	364	2 Thursday	33	333	2 Thursday	61	305	2 Sunday	92	274
3 Tuesday	3	363	3 Friday	34	332	3 Friday	62	304	3 Monday	93	273
4 Wednesday	4	362	4 Saturday	35	331	4 Saturday	63	303	4 Tuesday	94	272
5 Thursday	5	361	5 Sunday	36	330	5 Sunday	64	302	5 Wednesday	95	271
6 Friday	6	360	6 Monday	37	329	6 Monday	65	301	6 Thursday	96	270
7 Saturday	7	359	7 Tuesday	38	328	7 Tuesday	66	300	7 Friday	97	269
8 Sunday	8	358	8 Wednesday	39	327	8 Wednesday	67	299	8 Saturday	98	268
9 Monday	9	357	9 Thursday	40	326	9 Thursday	68	298	9 Sunday	99	267
10 Tuesday	10	356	10 Friday	41	325	10 Friday	69	297	10 Monday	100	266
11 Wednesday	11	355	11 Saturday	42	324	11 Saturday	70	296	11 Tuesday	101	265
12 Thursday	12	354	12 Sunday	43	323	12 Sunday	71	295	12 Wednesday	102	264
13 Friday	13	353	13 Monday	44	322	13 Monday	72	294	13 Thursday	103	263
14 Saturday	14	352	14 Tuesday	45	321	14 Tuesday	73	293	14 Friday	104	262
15 Sunday	15	351	15 Wednesday	46	320	15 Wednesday	74	292	15 Saturday	105	261
16 Monday	16	350	16 Thursday	47	319	16 Thursday	75	291	16 Sunday	106	260
17 Tuesday	17	349	17 Friday	48	318	17 Friday	76	290	17 Monday	107	259
18 Wednesday	18	348	18 Saturday	49	317	18 Saturday	77	289	18 Tuesday	108	258
19 Thursday	19	347	19 Sunday	50	316	19 Sunday	78	288	19 Wednesday	109	257
20 Friday	20	346	20 Monday	51	315	20 Monday	79	287	20 Thursday	110	256
21 Saturday	21	345	21 Tuesday	52	314	21 Tuesday	80	286	21 Friday	111	255
22 Sunday	22	344	22 Wednesday	53	313	22 Wednesday	81	285	22 Saturday	112	254
23 Monday	23	343	23 Thursday	54	312	23 Thursday	82	284	23 Sunday	113	253
24 Tuesday	24	342	24 Friday	55	311	24 Friday	83	283	24 Monday	114	252
25 Wednesday	25	341	25 Saturday	56	310	25 Saturday	84	282	25 Tuesday	115	251
26 Thursday	26	340	26 Sunday	57	309	26 Sunday	85	281	26 Wednesday	116	250
27 Friday	27	339	27 Monday	58	308	27 Monday	86	280	27 Thursday	117	249
28 Saturday	28	338	28 Tuesday	59	307	28 Tuesday	87	279	28 Friday	118	248
29 Sunday	29	337				29 Wednesday	88	278	29 Saturday	119	247
30 Monday	30	336				30 Thursday	89	277	30 Sunday	120	246
31 Tuesday	31	335				31 Friday	90	276			

MAY.			JUNE.			JULY.			AUGUST.		
1 Monday	121	245	1 Thursday	152	214	1 Saturday	182	184	1 Tuesday	213	153
2 Tuesday	122	244	2 Friday	153	213	2 Sunday	183	183	2 Wednesday	214	152
3 Wednesday	123	243	3 Saturday	154	212	3 Monday	184	182	3 Thursday	215	151
4 Thursday	124	242	4 Sunday	155	211	4 Tuesday	185	181	4 Friday	216	150
5 Friday	125	241	5 Monday	156	210	5 Wednesday	186	180	5 Saturday	217	149
6 Saturday	126	240	6 Tuesday	157	209	6 Thursday	187	179	6 Sunday	218	148
7 Sunday	127	239	7 Wednesday	158	208	7 Friday	188	178	7 Monday	219	147
8 Monday	128	238	8 Thursday	159	207	8 Saturday	189	177	8 Tuesday	220	146
9 Tuesday	129	237	9 Friday	160	206	9 Sunday	190	176	9 Wednesday	221	145
10 Wednesday	130	236	10 Saturday	161	205	10 Monday	191	175	10 Thursday	222	144
11 Thursday	131	235	11 Sunday	162	204	11 Tuesday	192	174	11 Friday	223	143
12 Friday	132	234	12 Monday	163	203	12 Wednesday	193	173	12 Saturday	224	142
13 Saturday	133	233	13 Tuesday	164	202	13 Thursday	194	172	13 Sunday	225	141
14 Sunday	134	232	14 Wednesday	165	201	14 Friday	195	171	14 Monday	226	140
15 Monday	135	231	15 Thursday	166	200	15 Saturday	196	170	15 Tuesday	227	139
16 Tuesday	136	230	16 Friday	167	199	16 Sunday	197	169	16 Wednesday	228	138
17 Wednesday	137	229	17 Saturday	168	198	17 Monday	198	168	17 Thursday	229	137
18 Thursday	138	228	18 Sunday	169	197	18 Tuesday	199	167	18 Friday	230	136
19 Friday	139	227	19 Monday	170	196	19 Wednesday	200	166	19 Saturday	231	135
20 Saturday	140	226	20 Tuesday	171	195	20 Thursday	201	165	20 Sunday	232	134
21 Sunday	141	225	21 Wednesday	172	194	21 Friday	202	164	21 Monday	233	133
22 Monday	142	224	22 Thursday	173	193	22 Saturday	203	163	22 Tuesday	234	132
23 Tuesday	143	223	23 Friday	174	192	23 Sunday	204	162	23 Wednesday	235	131
24 Wednesday	144	222	24 Saturday	175	191	24 Monday	205	161	24 Thursday	236	130
25 Thursday	145	221	25 Sunday	176	190	25 Tuesday	206	160	25 Friday	237	129
26 Friday	146	220	26 Monday	177	189	26 Wednesday	207	159	26 Saturday	238	128
27 Saturday	147	219	27 Tuesday	178	188	27 Thursday	208	158	27 Sunday	239	127
28 Sunday	148	218	28 Wednesday	179	187	28 Friday	209	157	28 Monday	240	126
29 Monday	149	217	29 Thursday	180	186	29 Saturday	210	156	29 Tuesday	241	125
30 Tuesday	150	216	30 Friday	181	185	30 Sunday	211	155	30 Wednesday	242	124
31 Wednesday	151	215				31 Monday	212	154	31 Thursday	243	123

SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
1 Friday	244	122	1 Sunday	274	92	1 Wednesday	305	61	1 Friday	335	31
2 Saturday	245	121	2 Monday	275	91	2 Thursday	306	60	2 Saturday	336	30
3 Sunday	246	120	3 Tuesday	276	90	3 Friday	307	59	3 Sunday	337	29
4 Monday	247	119	4 Wednesday	277	89	4 Saturday	308	58	4 Monday	338	28
5 Tuesday	248	118	5 Thursday	278	88	5 Sunday	309	57	5 Tuesday	339	27
6 Wednesday	249	117	6 Friday	279	87	6 Monday	310	56	6 Wednesday	340	26
7 Thursday	250	116	7 Saturday	280	86	7 Tuesday	311	55	7 Thursday	341	25
8 Friday	251	115	8 Sunday	281	85	8 Wednesday	312	54	8 Friday	342	24
9 Saturday	252	114	9 Monday	282	84	9 Thursday	313	53	9 Saturday	343	23
10 Sunday	253	113	10 Tuesday	283	83	10 Friday	314	52	10 Sunday	344	22
11 Monday	254	112	11 Wednesday	284	82	11 Saturday	315	51	11 Monday	345	21
12 Tuesday	255	111	12 Thursday	285	81	12 Sunday	316	50	12 Tuesday	346	20
13 Wednesday	256	110	13 Friday	286	80	13 Monday	317	49	13 Wednesday	347	19
14 Thursday	257	109	14 Saturday	287	79	14 Tuesday	318	48	14 Thursday	348	18
15 Friday	258	108	15 Sunday	288	78	15 Wednesday	319	47	15 Friday	349	17
16 Saturday	259	107	16 Monday	289	77	16 Thursday	320	46	16 Saturday	350	16
17 Sunday	260	106	17 Tuesday	290	76	17 Friday	321	45	17 Sunday	351	15
18 Monday	261	105	18 Wednesday	291	75	18 Saturday	322	44	18 Monday	352	14
19 Tuesday	262	104	19 Thursday	292	74	19 Sunday	323	43	19 Tuesday	353	13
20 Wednesday	263	103	20 Friday	293	73	20 Monday	324	42	20 Wednesday	354	12
21 Thursday	264	102	21 Saturday	294	72	21 Tuesday	325	41	21 Thursday	355	11
22 Friday	265	101	22 Sunday	295	71	22 Wednesday	326	40	22 Friday	356	10
23 Saturday	266	100	23 Monday	296	70	23 Thursday	327	39	23 Saturday	357	9
24 Sunday	267	99	24 Tuesday	297	69	24 Friday	328	38	24 Sunday	358	8
25 Monday	268	98	25 Wednesday	298	68	25 Saturday	329	37	25 Monday	359	7
26 Tuesday	269	97	26 Thursday	299	67	26 Sunday	330	36	26 Tuesday	360	6
27 Wednesday	270	96	27 Friday	300	66	27 Monday	331	35	27 Wednesday	361	5
28 Thursday	271	95	28 Saturday	301	65	28 Tuesday	332	34	28 Thursday	362	4
29 Friday	272	94	29 Sunday	302	64	29 Wednesday	333	33	29 Friday	363	3
30 Saturday	273	93	30 Monday	303	63	30 Thursday	334	32	30 Saturday	364	2
			31 Tuesday	304	62				31 Sunday	365	1

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REFERENCE DEPT.
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LIBRARY

NOTE.

The publication of this volume has been delayed on account of the changes to be made in the Directory and other portions of the work, consequent on the late Session of the General Assembly.

During the passage of the sheets through the press, further changes have been made requiring the following

CORRECTIONS:—

Page 23, line 15, 2nd column, insert after the words NATIVE MINISTER—“Hon. Walter Baldock Durrant Mantell.”

Page 32, lines 2 to 8, 1st column, under “Canterbury Yeomanry Cavalry,” insert the following names in lieu of those given:—

“Captain Commandant: H. E. Reader.

“Captains: J. C. Wilson, C.B.; W. Thomson; W. S. Moorhouse.

“Lieutenants: M. W. Anderson; C. C. Aikman; D. Innes.

“Cornets: J. C. Aikman; R. Ross; C. M. Ollivier.”

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TIDE HOURS, RANGE, AND COMPASS VARIATION.

PLACE.	H.W.F. & C. H. M.	RANGE. FEET.	VARIATION. EAST.
NORTH ISLAND.			
Three Kings Island	0	7	14
Bay of Islands	15	4 to 9	55
Waungarei Harbour	7	5 to 10	14
Auckland Harbour	7	7 to 11	14
Tauranga Harbour	10	6	14
Cape Runaway	16	7	14
East Cape	55	5	47
Poverty Bay	5	5 to 6	49
Ahuriri Harbour	7	5 to 6	0
Port Nicholson	4	2 1/2 to 5	0
Kapiti Island	0	4 to 8	14
Manawatu River	10	4 to 8	52
Wanganui River	15	4 to 8	0
Taranaki	30	6 to 14	14
Kawhia Harbour	0	7 to 13	45
Manukau Harbour	10	8 to 11	
Kaipara Harbour	55	10	
Hohonga Harbour	45		
MIDDLE ISLAND.			
Cape Campbell	0	6 to 8	53
Kaikora Peninsula	5	8 to 15	24
Lyttelton	20	4 to 8	40
Alarua	4	4 to 8	16
Otago Harbour	3	4 to 8	16
Molyneux River	3	4 to 8	16
Roaupuke Island	1	4 to 8	16
Bluff Harbour	10	4 to 8	16
Preservation Inlet	11	4 to 8	15
Cape Farewell	0	6 to 14	15
Motupipi River	9	6 to 14	15
Nelson Haven	0	6 to 14	15
Port Hardy	9	6 to 14	15
Port Gore	10	6 to 14	16
Pelorus Sound	0	6 to 8	10
Port Gore	9	6 to 8	5
Queen Charlotte Sound	8	6 to 8	5
Tory Channel	15	6 to 8	13
Port Underwood	6	6 to 8	54
SOUTH ISLAND.			
Port William	12	4 to 8	6
South Cape	12	7	18
Traps Rocks	12		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. Days.	NELSON.*		LYTTELTON.		PORT CHALMERS.	
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
0	9 50	4 20	4 20	3 30		
1	10 27	4 57	4 57	4 7		
2	11 4	5 34	5 34	4 44		
3	11 39	6 5	6 5	5 15		
4	0 38	6 36	6 36	5 46		
5	1 20	7 8	7 8	6 18		
6	2 50	7 50	7 50	7 0		
7	3 13	8 40	8 40	7 50		
8	4 30	9 43	9 43	8 53		
9	5 50	11 0	11 0	10 10		
10	6 58	1 28	1 28	10 38		
11	7 53	2 23	2 23	11 33		
12	8 39	3 9	3 9	12 19		
13	9 20	3 50	3 50	1 3		
14	9 58	4 28	4 28	2 38		
15	10 35	5 5	5 5	3 45		
16	11 11	5 41	5 41	4 53		
17	11 48	6 18	6 18	5 28		
18	0 6	6 36	6 36	5 46		
19	0 45	7 15	7 15	6 26		
20	1 31	8 1	8 1	7 11		
21	2 22	8 52	8 52	8 2		
22	3 29	9 59	9 59	9 9		
23	4 47	11 17	11 17	10 27		
24	6 6	0 36	0 36	11 46		
25	7 11	1 41	1 41	1 51		
26	8 5	2 35	2 35	3 18		
27	8 48	3 18	3 18	4 23		
28	9 28	3 58	3 58	5 8		

* At Marlborough the tide is three hours earlier than at Nelson. Thus, at full and change it is High Water at Nelson at 5.50, and at Marlborough at 6.30.

During this year there will be two Eclipses of the Sun and two of the Moon, none of which will be visible in New Zealand.

I.—A partial Eclipse of the Moon, April 11, 1865, partly visible in England; invisible in New Zealand or Australia. The following calculations are reduced to mean time at Lyttelton:—

First contact with the Penumbra	1h. 35m. p.m.
First contact with the Shadow	3h. 17m. p.m.
Middle of the Eclipse	4h. 10m. p.m.
Last contact with the Shadow	5h. 2m. p.m.
Last contact with the Penumbra	6h. 45m. p.m.

N.B.—Should the Moon rise clear, the presence of the Penumbra will be visible for a few minutes after rising, especially in the Eastern parts of New Zealand. The Moon will rise about 5h. 30m. p.m. mean time at Lyttelton, on the evening of the 11th.

II.—A total Eclipse of the Sun, April 25—26, invisible either in England or New Zealand. The following are reduced to mean time at Lyttelton:—

Begins on the Earth generally,—	
April 25, 11h. 9m. p.m.;	longitude, 76° 35' W.; latitude, 31° 24' S.
Central Eclipse begins generally,—	
April 26, 0h. 9m. a.m.;	longitude, 87° 56' W.; latitude, 41° 34' S.
Central Eclipse at Noon,—	
April 26, 1h. 28m. a.m.;	longitude, 29° 33' W.; latitude, 16° 40' S.
Central Eclipse ends generally,—	
April 26, 3h. 11m. a.m.;	longitude, 31° 7' E.; latitude, 14° 46' S.
Ends on the Earth generally,—	
April 26, 4h. 11m. a.m.;	longitude, 18° 30' E.; latitude, 4° 25' S.

This Eclipse will be visible in Southern Africa and the Southern part of South America, and over parts of the South Atlantic and Great Southern Oceans intervening.

III.—A partial Eclipse of the Moon, October 5th, 1865, visible in England; invisible in New Zealand. The following are reduced to mean time at Lyttelton:—

First contact with the Penumbra	7h. 58m. a.m.
First contact with the Shadow	9h. 11m. a.m.
Middle of the Eclipse	10h. 12m. a.m.
Last contact with the Shadow	11h. 12m. a.m.
Last contact with the Penumbra	12h. 26m. p.m.

The Moon will set, as the Eclipse commences, about the longitude of Western Australia, to the Westward of which the Eclipse will begin to be visible.

IV.—An annular Eclipse of the Sun, October 20th, 1865, invisible in New Zealand; partly visible in England. The following are reduced to mean time at Lyttelton:—

Begins on the Earth generally,—	
October 20, 0h. 57m. a.m.;	longitude, 107° 53' W.; latitude, 35° 1' N.
Central Eclipse begins generally,—	
October 20, 2h. 12m. a.m.;	longitude, 122° 52' W.; latitude, 47° 12' N.
Central Eclipse at Noon,—	
October 20, 3h. 35m. a.m.;	longitude, 64° 35' W.; latitude, 23° 53' N.
Central Eclipse ends generally,—	
October 20, 5h. 33m. a.m.;	longitude, 7° 10' W.; latitude, 16° 50' N.
Ends on the Earth generally,—	
October 20, 6h. 49m. a.m.;	longitude, 23° 46' W.; latitude, 4° 26' N.

This Eclipse will be visible over the greater part of North America, and partially in Western Europe and Africa, where it will occur partly after sunset.

PRINCIPAL ARTICLES OF THE CALENDAR, FOR THE YEAR 1865.

Golden Number 4	Dominical Letter A
Epact 3	Roman Indiction 8
Solar Cycle 26	Julian Period 6578

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

Epiphany Jan. 6	Ascension Day—Holy Thursday May 25
Septuagesima Sunday Feb. 12	Pentecost—Whit Sunday June 4
Quinquagesima—Shrove Sunday " 26	Trinity Sunday " 11
Ash Wednesday Mar. 1	Corpus Christi " 15
St. David " 1	Accession of Queen Victoria " 20
Quadragesima—1st Sunday in Lent " 5	Proclamation " 21
St. Patrick " 17	St. John the Bapt.—Midsummer Day " 24
Annunciation—Lady Day " 25	Birth of Prince Consort Aug. 26
Palm Sunday April 9	St. Michael—Michaelmas Day Sept. 29
Good Friday " 14	Birth of Prince of Wales Nov. 9
EASTER SUNDAY " 16	St. Andrew " 30
Low Sunday " 23	1st Sunday in Advent Dec. 3
St. George " 23	St. Thomas " 21
Rogation Sunday May 21	Christmas Day " 25
Birth of Queen Victoria " 24	

The year 5626 of the Jewish Era commences on September 21, 1865.
 Ramadán (Month of Abstinence observed by the Turks) commences on January 28, 1865.
 The year 1282 of the Mahomedan Era commences on May 27, 1865.

MEMORANDA.

All the articles of the Ephemeris have been reduced from the "Nautical Almanac" for 1865 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, 170° 44' 17" E.; latitude, 43° 36' 42" S.

JANUARY—XXXI DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
First Quarter	5 3 15 a.m.	Last Quarter	20 2 9 p.m.
Full Moon	12 10 32 a.m.	New Moon	27 9 2 p.m.
		Apogee, 17d. 6h. p.m.	Perigee, 29d. 3h. p.m.

DATE.	REMARKABLE DAYS.	SUN'S APPARENT DECLINATION.		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 S	Circumcision. New Year's day.	823	2 37	3 59.38	3	2 55 p.m.	4 31	7 37	1	
2 M	Calcutta taken, 1757	22	56 22	4 13.79	4	3 48	4 32	7 37	2	
3 T	Rachel died, 1858	22	50 47	4 41.78	5	4 40	4 32	7 37	3	
4 W		22	44 45	5 9.34	6	5 32	4 33	7 37	4	
5 Th	Duke of York died, 1827	22	38 15	5 31.47	7	6 23	4 33	7 37	5	
6 F	Epiphany. Twelfth day	22	31 19	6 3.15	8	7 16	4 34	7 36	6	
7 Sat	Cape of Good Hope taken, 1806	22	23 57	6 29.34	9	8 9	4 35	7 36	7	
8 S	First Sunday after Epiphany	22	16 7	6 55.02	10	9 3	4 36	7 36	8	
9 M	Royal Exchange burnt, 1838	22	7 52	7 20.16	11	9 57	4 37	7 36	9	
10 T	Penny postage established, 1840	21	59 21	7 44.45	12	10 50	4 38	7 36	10	
11 W	Hilary Law Term begins	21	50 4	8 8.76	13	11 42	4 39	7 35	11	
12 Th	Chinese treaty published, 1861	21	40 31	8 32.17	14		4 40	7 35	12	
13 F		21	30 33	8 54.91	15	0 31 a.m.	4 41	7 35	13	
14 Sat	First convicts at Botany Bay, 1788	21	20 10	9 17.11	16	1 19	4 42	7 35	14	
15 S	Second Sunday after Epiphany	21	9 23	9 38.61	17	2 4	4 43	7 35	15	
16 M	Battle of Corunna, 1809	20	58 12	9 59.45	18	2 47	4 44	7 34	16	
17 T		20	46 36	10 19.60	19	3 30	4 45	7 34	17	
18 W	Earthquake at Sydney, 1800	20	34 36	10 39.06	20	4 12	4 46	7 33	18	
19 Th	James Watt born, 1736	20	22 13	10 57.61	21	4 54	4 48	7 33	19	
20 F	John Howard died, 1790	20	9 27	11 15.85	22	5 37	4 49	7 32	20	
21 Sat	Vaccination introduced, 1799	19	56 19	11 33.15	23	6 23	4 50	7 32	21	
22 S	Third Sunday after Epiphany.	19	42 43	11 49.71	24	7 11	4 51	7 31	22	
23 M	Wellington anniversary	19	28 55	12 5.51	25	8 3	4 53	7 31	23	
24 T	Duke of Kent died, 1820	19	14 40	12 20.54	26	8 55	4 54	7 30	24	
25 W	Princess Royal married, 1858	19	0 4	12 34.79	27	9 51	4 55	7 29	25	
26 Th	N. S. Wales founded, 1788	18	46 7	12 48.25	28	10 48	4 57	7 28	26	
27 F	Governor Hobson arvd N. Z., 1840.	18	28 50	13 0.90	29	11 45	4 59	7 28	27	
28 Sat	Auckland anniversary	18	14 13	13 12.75	0	0 42 p.m.	5 1	7 27	28	
29 S	Fourth Sunday after Epiphany	17	58 16	13 23.78	1	1 38	5 3	7 26	29	
30 M	King Charles I. beheaded	17	12 0	13 33.97	2	2 34	5 5	7 25	30	
31 T	Hilary Term ends.	17	25 25	13 43.32	3	3 26	5 7	7 24	31	

PHENOMENA FOR THE MONTH.

JANUARY 1.—At 11h. 32m. p.m., Sun in perigee; on the 2nd at 10h. 21m. p.m., Mercury in perihelion; on the 6th, at 0h. 20m. a.m., Mars stationary; on the 8th at 0h. 16m. p.m., Mars in conjunction with the Moon; on the 10th, at 11h. 16m. a.m., Uranus in conjunction with the Moon; on the 13th, at 5h. 51m. p.m., Mercury at greatest heliocentric latitude N.; on the 19th, at 7h. 35m. p.m., Mercury stationary; on the 20th, at 11h. 37m. a.m., Saturn in quadrature with the Sun; same day, at 7h. 6m. p.m., Saturn in conjunction with the Moon; on the 24th, at 0h. 31m. p.m., Jupiter in conjunction with the Moon; on the 31st, at 6h. 59m. a.m., Venus in conjunction with the Moon; same day, at 10h. 21m. p.m., Mercury at greatest elongation.

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.

	D. H. M.		D. H. M.
First Quarter	3 0 41 p.m.	Last Quarter	19 9 10 a.m.
Full Moon	11 3 59 a.m.	New Moon	26 7 35 a.m.
Apogee, 14d. 9h. a.m.		Perigee, 26d. 11h. 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.	H. M.	H. M.		Sun Rises.	Sun Sets.
1	W	Nelson anniversary	17	8 32	13	51.83	4	4 19 p.m.	5 8	7 22	1
2	Th	Candlemas	16	51 21	13	59.50	5	5 13	5 10	7 21	2
3	F	Opening of Calcutta railway	16	33 52	14	6.33	6	6 6	5 11	7 20	3
4	Sat	Swan river discovered	16	17 36	14	12.32	7	7 0	5 12	7 19	4
5	S	Fifth Sunday after Epiphany	15	58 3	14	17.48	8	7 53	5 14	7 17	5
6	M	Treaty of Waitangi, 1840.	15	39 44	14	21.81	9	8 46	5 16	7 16	6
7	T	All Eng. Eleven ar. in Ch. Ch. 1864	15	21 9	14	25.32	10	9 37	5 18	7 14	7
8	W	Mary Queen of Scots ex., 1587	15	2 18	14	28.01	11	10 27	5 19	7 12	8
9	Th		14	43 12	14	29.89	12	11 12	5 20	7 11	9
10	F	Queen Victoria married, 1840	14	23 52	14	30.63	13		5 21	7 10	10
11	Sat	General Washington born, 1736	14	4 17	14	31.28	14	0 1 a.m.	5 23	7 9	11
12	S	Septuagesima Sunday	13	44 29	14	30.81	15	0 44	5 24	7 7	12
13	M	Duke of Berry murdered, 1820	13	24 21	14	29.58	16	1 27	5 26	7 6	13
14	T	Valentine's day. Captain Cook [killed, 1779]	13	4 11	14	27.60	17	2 9	5 27	7 4	14
15	W	Colony of Tasmania establd., 1804	12	23 2	14	21.48	19	3 34	5 29	7 1	16
16	Th	Ghent treaty ratified, 1815	12	2 10	14	17.35	20	4 18	5 30	6 50	17
17	F	Luther died, 1546. First col: with Sexagesima Sunday. [Sepoys, 1857]	11	41 6	14	12.53	21	5 4	5 32	6 58	18
18	Sat	Surveyors obstructed at Taranaki,	11	19 51	14	7.05	22	5 52	5 33	6 57	19
19	S	Victory of Goojir, 1849. [1860]	10	36 49	13	54.12	24	7 38	5 37	6 54	21
20	M	Mar. law proc., at Taranaki, 1860	10	15 3	13	46.71	25	8 31	5 38	6 53	22
21	T	Cato st. conspirators arrested, 1820	9	53 8	13	38.68	26	9 27	5 40	6 52	23
22	W	Peace with the Burmese, 1826	9	31 3	13	30.63	28	11 20	5 42	6 49	25
23	Th	Treaty of Vienna, 1815	9	8 50	13	20.83	28	11 20	5 42	6 49	25
24	F	Shrove Sunday. Buonaparte escpd. [from Elba, 1815]	8	46 29	13	11.02	0	0 16 p.m.	5 43	6 48	26
25	Sat		8	24 1	13	0.65	1	1 12	5 45	6 46	27
26	M		8	1 25	12	49.71	2	2 8	5 46	6 45	28

PHENOMENA FOR THE MONTH.

FEBRUARY 5th—2h. 46m. a.m., Mars in conjunction with the Moon; 6th, 5h. 32m. p.m., Uranus in conjunction with the Moon; 9th, 4h. 8m. a.m., Saturn stationary; 10th, 10h. 0m. a.m., Mercury in Aphelion; 16th, 11h. 48m. p.m., Saturn in conjunction with the Moon; 21st, 6h. 43m. a.m., Jupiter in conjunction with the Moon; 25th, 6h. 42m. a.m., Mercury in conjunction with the moon; 25th, 5h. 32m. p.m., Venus at greatest elongation.

FARMING OPERATIONS.

Having 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.

	D. H. M.		D. H. M.
First Quarter	4 11 51 p.m.	Last Quarter	21 0 8 a.m.
Full Moon	12 10 14 p.m.	New Moon	27 6 0 p.m.
Apogee, 13d. 2h. p.m.		Perigee, 27d. 0h. noon.	

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.	H. M.	H. M.		Sun Rises.	Sun Sets.
1	W	St. David's. Ash Wednesday	17	38 42	12	38.24	3	3 3 p.m.	5 47	6 44	1
2	Th	Emperor Nicholas died, 1855	7	15 22	12	26.24	4	3 58	5 48	6 43	2
3	F	Dth. of the Young Pretender at Rome	6	52 57	12	13.73	5	4 54	5 49	6 41	3
4	Sat	Britannia bridge op. 1850 [1788]	6	29 56	12	0.74	6	5 49	5 50	6 39	4
5	S	First Sunday in Lent	5	46 49	11	47.26	7	6 43	5 52	6 37	5
6	M	Com. of Taranaki war, 1860	5	23 27	11	33.83	8	7 35	5 53	6 35	6
7	T	War dec. by France agst. Spain, 1793	5	20 21	11	18.97	9	8 25	5 54	6 33	7
8	W		4	57 1	11	3.79	10	9 12	5 56	6 31	8
9	Th	Treaty of Lahore signed, 1846	4	33 37	10	49.01	11	9 58	5 57	6 29	9
10	F	Gen. M'Lellan crossed the Potomac,	4	10 9	10	33.46	12	10 42	5 58	6 27	10
11	Sat	Kororarika destroyed, 1845 [1862]	3	46 34	10	17.57	13	11 25	5 59	6 25	11
12	S	Second Sunday in Lent	3	23 6	10	0.85	14		6 0	6 23	12
13	M	Burnside's expedition sailed, 1862	2	59 3	9	44.82	15	0 7 a.m.	6 1	6 22	13
14	T	Treaty of the alliance of England, [France and Turkey signed, 1854]	2	35 54	9	28.01	16	0 49	6 2	6 20	14
15	W	Treaty of alliance at Vienna signed	2	12 15	9	10.95	17	1 32	6 3	6 18	15
16	Th	Treaty of alliance at Vienna signed	1	48 39	8	53.66	18	2 5	6 4	6 16	16
17	F	St. Patrick's day [1731]	1	24 53	8	36.17	19	3 0	6 5	6 15	17
18	Sat	Princess Louisa born, 1848	1	1 11	8	18.49	20	3 47	6 7	6 13	18
19	S	Third Sunday in Lent	0	37 29	8	0.65	21	4 36	6 8	6 11	19
20	M	Duc D'Enghien shot, 1804	0	13 47	7	42.68	22	5 27	6 9	6 9	20
21	T	Southey died, 1843	0	9 54	7	24.00	23	6 20	6 10	6 8	21
22	W		0	33 35	7	6.91	24	7 13	6 11	6 6	22
23	Th	Anniversary of Otago [France]	0	57 14	6	48.15	25	8 8	6 13	6 4	23
24	F	Tr. for annex. of Savoy and Nice to Annunciata. Lady day [signed, 1860]	1	21 52	6	29.82	26	9 3	6 15	6 2	24
25	Sat	Fourth Sunday in Lent.	1	44 27	6	11.44	27	9 58	6 16	6 0	25
26	S	Ford, Passmore and Shaw murd. at	2	8 1	5	53.05	28	10 53	6 17	5 58	26
27	M	War d. with Russia, 1854 [Tki., 1860]	2	31 31	5	34.64	29	11 49	6 18	5 56	27
28	T	Olympic theatre des. by fire, 1849	3	19 53	4	57.87	1	1 43	6 19	5 54	28
29	W		3	41 43	4	39.53	2	2 41	6 20	5 52	29
30	Th		4	4 59	4	21.24	3	3 38	6 23	5 49	30
31	F	Anniversary of Taranaki & Southland	4	4 59	4	21.24	3	3 38	6 23	5 49	31

PHENOMENA FOR THE MONTH.

MARCH 1st—1h. 34m. p.m., Venus in conjunction with the Moon; 3rd, 11h. 32m. a.m., Uranus stationary; 5th, 6h. 43m. a.m., Mars in conjunction with the Moon; 5th, 8h. 5m. p.m., Uranus in conjunction with the Moon; 8th, 7h. 40m. p.m., Mercury at greatest heliocentric latitude South; 9th, 0h. 4m. a.m., Venus in Perihelion; 10th, 7h. 20m. p.m., Mars in quadrature with the Sun; 16th., 4h. 6m. a.m., Saturn in conjunction with the Moon; 16th, 1h. 40m. p.m., Uranus in quadrature with the Sun; 18th, 7h. 8m. p.m., Mercury in sup. conjunction with the Sun; 18th, 8h. 35m. Jupiter in quadrature with the Sun; 20th, 8h. 24m. Jupiter in conjunction with the Moon; 21st, 1h. 38m. a.m. Sun enters Aries; 23rd, 1h. 54m. a.m.; Mars in conjunction with Uranus; 28th, 10h. 23m. a.m.; Mercury in conjunction with the Moon; 30th, 11h. 56m. a.m., Venus in conjunction with the Moon; 31st, 2h. 14m. a.m., Venus 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.
First Quarter.	4 0 51 p.m.	Last Quarter.	20 10 52 a.m.
Full Moon . . .	11 4 0 p.m.	New Moon . . .	26 1 45 a.m.
Apogee, 9d. 3h. p.m.		Perigee, 24d. 9h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.		EQUATION OF TIME. ADD TO		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
		°	'	M.	S.		Mean Time.	Sun Rises.	Sun Sets.		
1 Sat		N 4	28 6	4	3.90	4	4 34p.m.	6 24	5 48	1	
2 S	<i>Fifth Sunday in Lent</i>	4	51 17	3	54.93	5	5 28	6 25	5 46	2	
3 M		5	14 18	3	36.91	6	6 20	6 26	5 44	3	
4 T	Thansi taken, by Sir H. Rose, 1858	5	37 14	3	9.10	7	7 9	6 27	5 43	4	
5 W	Nap. L. ab., 1814. Quar. licen. day.	6	0 3	2	51.26	8	7 56	6 29	5 41	5	
6 Th.	Old Lady-day	6	22 47	2	33.68	9	8 40	6 30	5 40	6	
7 F		6	45 23	2	16.25	10	9 23	6 31	5 39	7	
8 Sat	Gt. Ganges canal opened, 1864	7	7 53	1	59.30	11	10 6	6 32	5 37	8	
9 S	<i>Palm Sunday</i>	7	30 18	1	42.40	12	10 48	6 33	5 36	9	
10 M	Chart. demon. in London, 1848	7	52 30	1	25.30	13	11 30	6 34	5 34	10	
11 T		8	14 37	1	8.82	14		6 35	5 32	11	
12 W		8	36 36	0	52.03	15	0 14a.m.	6 36	5 30	12	
13 Th.	Roman Cath. relief bill passed, 1820	8	58 29	0	36.74	16	0 58	6 37	5 29	13	
14 F	<i>Good Friday</i>	9	20 8	0	21.18	17	1 45	6 38	5 27	14	
15 Sat		9	41 40	+	7.20	18	2 33	6 39	5 25	15	
16 S	<i>Easter Sunday.</i> 1st Ind. rlwy. op., '53	10	3 2	-	8.91	19	3 24	6 40	5 23	16	
17 M	Easter Monday. B. Franklyn d., 1790	10	24 15	0	23.39	20	4 15	6 41	5 21	17	
18 T	Easter Tuesday.	10	45 17	0	37.47	21	5 7	6 42	5 19	18	
19 W	L. Byron d., 1824	11	6 9	0	51.14	22	6 0	6 43	5 17	19	
20 Th.	Pastoral rents begin to be payable	11	26 51	1	4.39	23	6 53	6 44	5 16	20	
21 F	Candahar ac. by the British, 1839	11	47 21	1	17.20	24	7 46	6 45	5 14	21	
22 Sat	Bombardment of Odessa, 1854	12	7 39	1	29.55	25	8 39	6 46	5 12	22	
23 S	<i>First Sun. after Easter.</i> Shakspeare	12	27 41	1	41.44	26	9 33	6 47	5 11	23	
24 M	[born, 1564]	12	47 40	1	47.87	27	10 23	6 48	5 9	24	
25 T	<i>St. Mark, Evangelist.</i>	13	7 21	2	3.81	28	11 25	6 49	5 8	25	
26 W	Oliver Cromwell born, 1599	13	26 50	2	14.27	0	0 22p.m.	6 50	5 6	26	
27 Th.		13	46 6	2	24.23	1	1 21	6 51	5 5	27	
28 F	Mutiny of the Bounty, 1787.	14	5 8	2	33.69	2	2 19	6 52	5 3	28	
29 Sat	Peace proclaimed in London, 1856	14	23 51	2	42.66	3	3 16	6 53	5 2	29	
30 S	<i>Second Sunday after Easter</i>	N 14	42 30	2	51.12	4	4 11	6 54	5 0	30	

PHENOMENA FOR THE MONTH.

APRIL 1st—9h. 37m. a.m., Mercury in perihelion; 2nd, 4h. 28m. a.m., Uranus in conjunction with the Moon; 2nd, 2h. 13m. p.m., Mars in conjunction with the Moon; 3rd, Venus at greatest brilliancy; 11th, Moon eclipsed, invisible in New Zealand; 11th, 5h. 37m. p.m., Mercury in greatest heliocentric latitude, north; 12th, 6h. 33m. a.m., Saturn in conjunction with the Moon; 15th, 6h. 24m. a.m., Mercury at greatest elongation; 15th, 8h. 37m. p.m., Jupiter stationary; 17th, 4h. 5m. a.m., Venus stationary; 17th, 4h. 27m., Jupiter in conjunction with the Moon; 23rd, 1h. 35m. p.m., Mercury stationary; 26th, Sun eclipsed, invisible in New Zealand; 26th, 6h. 17m. p.m., Mercury in conjunction with the Moon; 27th, 1h. 57m. a.m., Mars at greatest heliocentric latitude north; 27th 4h. 9m. a.m., Venus in conjunction with the Moon. 29th, 3h. 21m. p.m., Saturn in conjunction with the Moon.

FARMING OPERATIONS.

Take up and secure the potatoe 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.
First Quarter.	3 3 36 a.m.	Last Quarter.	18 6 11 p.m.
Full Moon . . .	11 7 55 a.m.	New Moon . . .	25 10 21 p.m.
Apogee, 7d. 3h. a.m.		Perigee, 22d. 11h. 32m. 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.
		°	'	M. S.	D.		Mean Time.	Sun Rises.	Sun Sets.		
1 M	1st Gt. Ex. op., '51. D. of Wel. b., 1769	N 15	0 51	2	59.08	5	5 2 p.m.	6 55	4 58	1	
2 T	Foun. stone of Pres. Ch. in Lyt. ld., '64	15	18 54	3	6.48	6	5 51	6 56	4 57	2	
3 W	N. Z. independent of N. S. W., 1841	15	36 43	3	13.39	7	6 37	6 57	4 56	3	
4 Th.	Clocks in., 1368. L. fire in Ch. Ch. '64	15	54 17	3	19.08	8	7 20	6 58	4 55	4	
5 F	Rangoon taken by the British, 1824	16	11 35	3	25.03	9	8 3	6 59	4 53	5	
6 Sat		16	28 37	3	30.93	10	8 46	7 0	4 51	6	
7 S	<i>Third Sunday after Easter</i>	16	45 23	3	35.17	11	9 28	7 1	4 49	7	
8 M	First savings bank instituted, 1815	17	1 51	3	39.87	12	10 11	7 2	4 48	8	
9 T		17	18 2	3	43.51	13	10 55	7 3	4 46	9	
10 W	Delhi seized by the mutineers, 1857	17	33 57	3	46.56	14	11 41	7 4	4 45	10	
11 Th.	Death of Chatham, 1778	17	49 34	3	49.05	15		7 6	4 44	11	
12 F	Sir Charles Barry died, 1860	18	4 54	3	50.91	16	0 30a.m.	7 7	4 43	12	
13 Sat	Vaccination first applied, 1796	18	19 54	3	52.30	17	1 20	7 8	4 42	13	
14 S	<i>Fourth Sunday after Easter</i>	18	34 36	3	53.05	18	2 12	7 9	4 41	14	
15 M	Melbourne Founded, 1837	18	40 0	3	53.04	19	3 4	7 10	4 40	15	
16 T		19	3 4	3	52.55	20	3 56	7 11	4 39	16	
17 W	Battle of Culloden, 1746	19	16 50	3	51.78	21	4 49	7 12	4 38	17	
18 Th.	War dec. against Buonaparte, 1803	19	30 16	3	50.41	22	5 41	7 13	4 37	18	
19 F	Naval battle off La Hogue, 1692	19	43 22	3	48.00	23	6 37	7 14	4 36	19	
20 Sat	Columbus died, 1506	19	56 8	3	45.33	24	7 24	7 15	4 35	20	
21 S	<i>Rogation Sunday</i>	20	8 34	3	42.02	25	8 16	7 16	4 35	21	
22 M	Alliance b. Austria and Russia, 1746	20	20 39	3	38.16	26	9 10	7 17	4 34	22	
23 T	[Victoria born, 1819]	20	32 23	3	33.49	27	10 6	7 18	4 33	23	
24 W	Irish rebel, commenced, 1798. Queen	20	43 46	3	28.79	28	11 3	7 19	4 32	24	
25 Th.	<i>Ascension day.</i> Holy Thursday	20	54 48	3	23.31	29	0 2p.m.	7 20	4 31	25	
26 F	Carthage taken by the French 1697	21	5 29	3	17.34	0	1 0	7 21	4 30	26	
27 Sat	The year 1282 of Mahom. era com.	21	15 48	3	10.88	1	1 57	7 22	4 30	27	
28 S	<i>Sunday after Ascension day</i>	21	25 45	3	3.96	2	2 51	7 23	4 29	28	
29 M	Restoration of K. Chas. II. Roman	21	35 19	2	56.39	3	3 42	7 24	4 29	29	
30 T	[Cath. Church in Ch. Ch. op. 1864]	21	44 31	2	48.79	4	4 31	7 25	4 28	30	
31 W	Rubens died, 1640.	N 21	53 23	2	40.56	5	5 16	7 26	4 28	31	

PHENOMENA FOR THE MONTH.

MAY 1st—4h. 25m. a.m., Mars in conjunction with the Moon; 3rd, 10h. 32m., Mercury in inf. conjunction with the Sun; 8th, 1h. 20m. p.m., Venus in inf. conjunction with the Sun; 9th, 9h. 13m. a.m., Saturn in conjunction with the Moon; 14th, 7h. 40m. Jupiter in conjunction with the Moon; 15th, 9h. 17m. Mercury in Aphelion; 16th, 4h. 52m. Mercury stationary; 22nd, 1h. 43m. p.m., Mercury in conjunction with Venus; 23rd, 6h. 26m. p.m., Venus in conjunction with the Moon; 23rd, 7h. 45m. p.m., Mercury in conjunction with the Moon; 27th, 3h. 50m., Uranus in conjunction with the Moon; 28th, 7h. 32m. a.m., Venus stationary; 29th, 9h. 12m. p.m., Mars in conjunction with the Moon; 31st, 1h. 57m., Mercury at greatest elongation; 31st, 10h. 41m. p.m., Mars in Aphelion.

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. Furse 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.
First Quarter.	1 7 54 p.m.	Last Quarter.	16 11 25 p.m.
Full Moon . . .	9 9 12 p.m.	New Moon . . .	23 7 29 p.m.
	Apogee, 3d. 8h. p.m.	Perigee, 19d. 3h. a.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME, SUBT. FROM		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
			ADD TO. APPARENT TIME.	MOON'S AGE AT NOON.		Mean Time.	Sun Rises.	Sun Sets.		
1 Th	First sale of land, Melbourne, 1837	N22 1 47	M. S.	D.	H. M.	H. M.	H. M.	H. M.	1	
2 F		22 9 51	2 22.92	7	6 42	7 27	4 27	2		
3 Sat		22 17 31	2 13.53	8	7 24	7 29	4 27	3		
4 S	Whit Sunday	22 24 48	2 3.78	9	8 7	7 30	4 27	4		
5 M	Slave trade abolished, 1808	22 31 42	1 53.70	10	8 50	7 31	4 28	5		
6 T	[the Mamelon, 1855	22 38 12	1 43.30	11	9 36	7 32	4 28	6		
7 W	Gt. fire in Ch. Ch. 1864. Capture of	22 44 18	1 32.60	12	10 25	7 32	4 26	7		
8 Th	Pitcairn Islanders landed in Norfolk	22 50 0	1 21.60	13	11 14	7 33	4 25	8		
9 F	Island, 1856	22 55 18	1 10.32	14		7 33	4 25	9		
10 Sat	Crystal Palace, Sydenham, op., 1854	23 0 13	0 58.79	15	0 5 a.m.	7 34	4 25	10		
11 S	Trinity Sunday	23 4 42	0 47.03	16	0 58	7 34	4 24	11		
12 M	Ghent taken by the French 1745	23 8 48	0 35.04	17	1 52	7 34	4 24	12		
13 T		23 12 29	0 22.84	18	2 45	7 35	4 24	13		
14 W	Battle of Naseby, 1645	23 15 45	- 10.45	19	3 38	7 35	4 23	14		
15 Th	Corpus Christi	23 18 37	+ 2.08	20	4 29	7 36	4 23	15		
16 F	Battle of Quatre Bras and Ligny,	23 21 4	0 14.72	21	5 21	7 36	4 24	16		
17 Sat	Battle of Gemappes, 1815. [1816	23 23 7	0 27.59	22	6 12	7 37	4 24	17		
18 S	First Sun. of Trinity. Battle of	23 24 45	0 40.51	23	7 4	7 37	4 24	18		
19 M	Mag. Ch. signed, 1215. [Waterloo, '15	23 26 58	0 53.50	24	7 57	7 38	4 24	19		
20 T	Accession of Queen Victoria, 1837	23 26 46	1 6.54	25	8 52	7 38	4 24	20		
21 W	Proclamation.	23 27 9	1 19.61	26	9 48	7 38	4 24	21		
22 Th	Shortest day	23 27 8	1 32.69	27	10 46	7 38	4 25	22		
23 F	St. John Baptist. Foun. stone of St.	23 26 42	1 45.74	28	11 13	7 39	4 25	23		
24 Sat	[John's church laid, Ch. Ch., 1864	23 25 51	1 58.72	0	0 38 p.m.	7 39	4 25	24		
25 S	Second Sun. of Trinity. [died, 1860	23 24 35	2 11.61	1	1 31	7 39	4 25	25		
26 M	"King" Potatau (Te Whero Whero)	23 22 54	2 24.38	2	2 21	7 39	4 26	26		
27 T	Attack on Puketa kauere pah, 1860	23 20 49	2 37.03	3	3 9	7 39	4 26	27		
28 W	Coronation of Queen Victoria, 1838	23 18 20	2 49.46	4	3 54	7 39	4 26	28		
29 Th	Lord Raglan died, 1855	23 15 26	3 1.72	5	4 37	7 39	4 27	29		
30 F	Taranaki war broke out, 1860	N23 12 7	3 13.75	6	5 20	7 39	4 27	30		

PHENOMENA FOR THE MONTH.

JUNE 4th—7h. 5m. p.m. Mercury at greatest heliocentric latitude, south; 5th, 1h. 44m. p.m., Saturn in conjunction with the Moon; 10th, 8h. 38m. Jupiter in conjunction with the Moon; 14th, Venus at greatest brilliancy; 15th, Ch. 30m. p.m. Jupiter in opposition to the Sun; 20th, 3h. 20m. p.m., Venus in conjunction with the Moon; 21st, 2h. 44m. p.m., Uranus in conjunction with the Sun; 21st, 11h. 17m. p.m., Sun enters Cancer; 22nd, 11h. 9m. p.m.; Mercury in conjunction with the Moon; 27th, 3h. 6m. p.m., Mars in conjunction with the Moon; 27th, 7h. 1m. p.m., Mercury in conjunction with Uranus; 28th, 3h. 45m. a.m., Saturn stationary; 28th, 8h. 55m., Mercury in Perihelion; 29th, 10h. 28m. a.m., Venus in Aphelion.

FARMING OPERATIONS.

Continue wheat sowing, using two-and-a-half or three bushels of seed per acre if sown broadcast, and two to two-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 unlevel 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.
First Quarter.	1 1 12 p.m.	Last Quarter.	18 3 68 a.m.
Full Moon . . .	9 7 59 a.m.	New Moon . . .	23 6 1 a.m.
	Apogee, 1d. 2h. p.m.	Perigee, 14d. 6h. a.m.	Apogee, 29d. 9h. 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.
			ADD TO. APPARENT TIME.	MOON'S AGE AT NOON.		Mean Time.	Sun Rises.	Sun Sets.		
1 Sat	Battle of the Nile, 1798. [died, 1854	N23 8 24	3 25.54	7	6. 2 p.m.	7 39	4 29	1		
2 S	Third Sun. after Trinity. Sir R. Peel	23 4 17	3 37.06	8	6.46	7 39	4 30	2		
3 M	Louis 18th entered Paris, 1815	22 59 45	3 48.31	9	7.30	7 39	4 31	3		
4 T	American Independence, 1776	22 54 50	3 59.25	10	8.16	7 39	4 32	4		
5 W	Sovereigns first issued, 1542	22 49 30	4 9.89	11	9.05	7 39	4 32	5		
6 Th	Sir Thomas Moore beheaded, 1535	22 43 47	4 20.14	12	9.56	7 38	4 33	6		
7 F	Tuapeka gold field discovered, 1861	22 37 40	4 30.06	13	10.49	7 38	4 33	7		
8 Sat	[lumbus born, 1442	22 31 10	4 39.61	14	11.43	7 38	4 34	8		
9 S	Fourth Sunday after Trinity. Co-	22 24 16	4 48.76	15		7 38	4 34	9		
10 M		22 16 59	4 57.51	16	0.37 a.m.	7 37	4 35	10		
11 T	Battle of Oudenarde, 1708	22 9 19	5 5.74	17	1.32	7 37	4 35	11		
12 W	The Crimea evac. by the allies, 1856	22 1 16	5 13.75	18	2.26	7 36	4 35	12		
13 Th	William Penn died, 1718	21 52 50	5 21.22	19	3.18	7 36	4 36	13		
14 F	Australia discov. by Torres, 1606	21 44 2	5 28.24	20	4.10	7 36	4 36	14		
15 Sat	St. Swithin. R. S. of Eng. es. 1662	21 34 52	5 34.79	21	5. 2	7 35	4 36	15		
16 S	Fifth Sun. of Trin. Allies en. Paris	21 25 19	5 40.87	22	5.54	7 35	4 37	16		
17 M	Cawnpore rivd. by Havelock, '57. [15	21 15 24	5 46.47	23	6.48	7 34	4 38	17		
18 T		21 5 8	5 51.57	24	7.42	7 33	4 39	18		
19 W	George IV. crowned, 1821	20 54 30	5 58.17	25	8.38	7 33	4 40	19		
20 Th	Prof. Playfair d., 1819 [Run, 1861	20 43 31	6 0.24	26	9.33	7 32	4 41	20		
21 F	Gibraltar taken, 1704. Bat. of Bull	20 32 17	6 3.77	27	10.28	7 31	4 42	21		
22 Sat	Battle of Salamanca, 1812	20 20 30	6 6.75	28	11.22	7 31	4 43	22		
23 S	Sixth Sunday after Trinity.	20 8 29	6 9.16	0	0.12 p.m.	7 30	4 44	23		
24 M		19 56 8	6 11.00	1	1. 1	7 29	4 45	24		
25 T	St James [Ireland, 1848	19 43 27	6 12.24	2	1.47	7 29	4 46	25		
26 W	Habeas Corpus Act sus. throughout	19 30 26	6 12.89	3	2.32	7 28	4 47	26		
27 Th	Canton op. to the Brit., 1842. French	19 17 6	6 13.00	4	3.15	7 27	4 49	27		
28 F	Battle of Talavera, 1809. [revin. 1830	19 3 26	6 12.38	5	3.57	7 26	4 50	28		
29 Sat	Wilberforce died, 1833	18 48 28	6 11.19	6	4.40	7 25	4 51	29		
30 S	Seventh Sunday after Trinity	18 35 12	6 9.39	7	5.42	7 24	4 52	30		
31 M	Cook sailed, 1st voyage, 1768	N18 20 37	6 6.98	8	6. 9	7 23	4 53	31		

PHENOMENA FOR THE MONTH.

JULY 1st.—5h. 32m. p.m., Sun in Apogee; 2nd, 7h. 32m. a.m., Mercury in superior conjunction with the Sun; 2nd, 8h. 46m. p.m., Saturn in conjunction with the Moon; 7th, 10h. 32m. a.m., Jupiter in conjunction with the Moon; 8th, 4h. 51m. p.m., Mercury at greatest heliocentric latitude, north; 17th, Oh. 34m. a.m., Saturn in quadrature with the Sun; 17th, 8h. 32m., Venus at greatest elongation; 19th, 2h. 1m. p.m., Venus in conjunction with the Moon; 21st, 2h. 34m. a.m., Neptune in conjunction with the Moon; 21st, Oh. 48m. p.m., Venus at greatest heliocentric latitude, south; 25th, 6h. 7m. a.m., Mercury in conjunction with the Moon; 26th, 9h. 19m. a.m., Mars in conjunction with the Moon; 30th, 6h. 6m. a.m., Saturn in conjunction with the Moon.

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.
Full Moon	7 5 1 p.m.	New Moon	21 6 49 p.m.
Last Quarter	14 9 14 a.m.	First Quarter	29 11 18 p.m.
Perigee, 10d. 6h. a.m.		Apogee, 24d. 2h. 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. Meantime.		MEAN TIME CORRECTED.		DAYS.
		°	'	"			M. S.	D.	H. M.	H. M.		H. M.	Sun Rises.	Sun Sets.
1	T	Lammas day	18	5	39	8	3.94	9	6.56	p.m.	1
2	W	Diocesan Synod met in Ch. Ch., 1864	17	50	33	6	0.29	10	7.45		2
3	Th	[Battle of Blenheim, 1704	17	35	4	5	56.20	11	8.37		3
4	F	Maiden Steeplechase run in Christ- church, 1864	17	19	19	5	51.13	12	9.30		4
5	Sat		17	3	17	5	45.62	13	10.25		5
6	S	<i>Eighth Sunday after Trinity</i>	16	46	59	5	39.51	14	11.20		6
7	M	Queen Caroline Died, 1821	16	30	24	5	32.78	15			7
8	T	Canning died, 1827	16	13	33	5	25.48	16	0.15	a.m.	8
9	W	Sweaborg bombarded, 1855	15	56	27	5	17.60	17	1.9		9
10	Th	Greenwich observatory foun., 1675	15	39	5	5	9.14	18	2.2		10
11	F		15	21	27	5	0.12	19	3.26		11
12	Sat	Bomarsund invested, 1854	15	3	45	4	50.56	20	3.50		12
13	S	<i>Ninth Sunday after Trinity.</i>	14	45	29	4	40.44	21	4.44		13
14	M		14	27	8	4	29.81	22	5.38		14
15	T	Bengal railway opened, 1854	14	8	34	4	18.65	23	6.34		15
16	W	Manchester reform meeting, 1819	13	49	45	4	7.00	24	7.29		16
17	Th		13	30	44	3	54.84	25	8.23		17
18	F	Queen visited Paris, '55.	13	11	29	3	42.24	26	9.16		18
19	Sat	Cardinal York died, 1807	12	52	2	3	29.04	27	10.8		19
20	S	<i>Tenth Sunday after Trinity</i>	12	32	23	3	15.40	28	10.56		20
21	M	Railway through the Pyrenees op.	12	12	32	3	1.09	29	11.42		21
22	T	Bat. of Bosworth Field, 1485. [1862	11	52	29	2	46.74	0	0.28	p.m.	22
23	W		11	32	15	2	31.69	1	1.11		23
24	Th	St. Bartholomew's	11	11	50	2	18.29	2	1.54		24
25	F	Herschel died, 1822	10	51	14	2	0.33	3	2.37		25
26	Sat	Prince Consort born, 1819.	10	30	28	1	43.99	4	3.19		26
27	S	<i>Eleventh Sunday after Trinity</i>	10	9	32	1	27.26	5	4.3		27
28	M	Victoria bridge, Ch. Ch., op., 1864	9	48	27	1	10.14	6	4.49		28
29	T	Battle of Aspromonte, 1862	9	27	12	0	52.64	7	5.37		29
30	W		9	5	48	0	34.77	8	6.26		30
31	Th	John Bunyan died, 1688	8	44	16	+	16.55	9	7.18		31

PHENOMENA FOR THE MONTH.

AUGUST 3rd—3h. 38m. p.m., Jupiter in conjunction with the Moon; 9th, 6h. 47m. p.m., Venus in conjunction with Neptune; 11th, 8h. 32m. a.m., Mercury in Aphelion; 11th, 9h. 23rd a.m., Mercury at greatest elongation; 16th, 2h. 48m. p.m., Jupiter stationary; 17th, 11h. 6m. a.m., Neptune in conjunction with the Moon; 18th, 3h. 27m. p.m., Venus in conjunction with the Moon; 23rd, 6h. 37m. p.m., Mercury in conjunction with the Moon; 24th, 3h. 39m. a.m., Mars in conjunction with the Moon; 24th, 6h. 20m. p.m., Mercury stationary; 26th, 5h. 2m. p.m., Saturn in conjunction with the Moon; 31st, 0h. 32m. a.m., Jupiter in conjunction with the Moon; 31st, 6h. 21m. p.m., Mercury at greatest heliocentric latitude south.

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.
Full Moon	6 0 82 a.m.	New Moon	20 10 17 p.m.
Last Quarter	12 4 29 p.m.	First Quarter	28 2 18 p.m.
Perigee, 7d. 6h. a.m.		Apogee, 22d. 3h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.			EQUATION OF TIME. SUBT. FROM APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. Mean Time.		MEAN TIME CORRECTED.		DAYS.
		°	'	"			M. S.	D.	H. M.	H. M.		H. M.	Sun Rises.	Sun Sets.
1	F	Liverpool Great Landing Stage	8	22	35	0	2.00	10	8	11 p.m.	1
2	Sat	London burnt, 1666 [opened, 1857	8	0	46	0	20.86	11	9	4	2
3	S	<i>12th Sunday after Trinity</i>	7	38	50	0	40.03	12	9	59	3
4	M	Gov Browne ar. at Auckland, 1855	7	16	46	0	59.98	13	10	53	4
5	T	First American Congress, 1774	6	54	35	1	19.19	14	11	48	5
6	W	Ghuznee taken by Gen. Nott, 1842	6	31	47	1	39.14	15			6
7	Th	First ships for Canterbury left Ply-	6	9	53	1	59.30	16	0	43 a.m.	7
8	F	Malakoff taken, 1855 [mouth, 1850	5	47	23	2	19.64	17	1	38	8
9	Sat	Triple alli. be. Aus., Rus. & Prus. ag't	5	24	46	2	40.14	18	2	35	9
10	S	<i>13th Sun. after Trin.</i> [France, 1813	5	2	4	3	0.79	19	3	32	10
11	M		4	39	17	3	21.56	20	4	28	11
12	T	Siege of Vienna rd. by Sobieski, 1683	4	16	26	3	42.42	21	5	24	12
13	W	C. J. Fox died, 1806	3	53	27	4	3.35	22	6	19	13
14	Th	Duke of Wellington died, 1852	3	30	26	4	24.35	23	7	13	14
15	F	Allies landed in the Crimea, 1854	3	7	52	4	45.39	24	8	5	15
16	Sat	National fast for the cholera, 1849	2	44	14	5	6.46	25	8	54	16
17	S	<i>14th Sunday after Trinity</i>	2	21	2	5	27.54	26	9	41	17
18	M		1	57	48	5	48.62	27	10	25	18
19	T	Lexington taken by Confederates	1	34	1	6	9.68	28	11	9	19
20	W	Battle of Alma, 1854	1	11	21	6	30.69	29	11	50	20
21	Th	Sir Walter Scott died, 1832	0	47	46	6	51.64	0	0	44 p.m.	21
22	F	Peace Congress at Brussels, 1848	0	2	28	7	12.51	1	1	14	22
23	Sat	Battle of Assaye fought, 1803	0	1	4	7	33.29	2	2	2	23
24	S	<i>15th Sunday after Trinity</i>	0	22	19	7	53.94	3	2	45	24
25	M	Lucknow relieved by Gen. Havelock,	0	45	44	8	14.47	4	3	32	25
26	T	Balaklava occupied, 1854 [1857	1	9	9	8	34.85	5	4	20	26
27	W		1	32	34	8	55.06	6	5	9	27
28	Th	New River completed, 1613	1	55	58	9	15.00	7	6	0	28
29	F	Michaelmas Day	2	19	21	9	34.91	8	6	52	29
30	Sat	Battle of Kars, 1855	2	42	42	9	54.50	9	7	49	30

PHENOMENA FOR THE MONTH.

SEPTEMBER 7th, 9h. 8m. p.m., Mercury in inferior conjunction with the Sun; 13th, 6h. 4m. p.m., Jupiter in quadrature with the Sun; 13th, 6h. 15m., Neptune in conjunction with the Moon; 16th, 9h. 2m. a.m., Mercury stationary; 17th, 3h. 53m. a.m., Venus in conjunction with the Moon; 19th, 1h. 31m. a.m., Mercury in conjunction with the Moon; 21st, 10h. 27m. p.m., Mars in conjunction with the Moon; 23rd, 4h. 52m. a.m., Saturn in conjunction with the Moon; 23rd, 0h. 32m. p.m., Sun enters Libra; 23rd, 6h. 5m. p.m., Mercury at greatest elongation; 24th, 8h. 11m. a.m., Mercury in Perihelion; 27th, 0h. 1m. p.m., Neptune in quadrature with the Sun; 27th, 0h. 36m., Jupiter in conjunction with the Moon.

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 lbs. per acre, with three lbs. of white; and if on uncertain lands, eight or ten lbs. of rye grass per acre.

OCTOBER—XXXI DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
Full Moon	5 10 3 a.m.	New Moon	20 4 0 a.m.
Last Quarter	12 2 55 a.m.	First Quarter	28 3 21 a.m.
	Perigee, 4d. 5h. p.m.	Apogee, 19d. 6h. 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.	H. M.	H. M.	H. M.					
1	S	16th Sunday after Trinity	3	6	2	10	13.85	10	8.37	p.m.	5	44	6	1	1
2	M	Major André hanged, 1780 [1861	3	29	20	10	32.94	11	9.32		5	42	6	2	2
3	T	Sir G. Grey installed as Governor, [1853	3	52	35	10	51.74	12	10.26		5	40	6	3	3
4	W		4	15	43	11	10.23	13	11.22		5	38	6	4	4
5	Th	The Sultan declared war with Russia,	4	38	57	11	28.37	14			5	36	6	5	5
6	F		5	2	3	11	46.14	15	0.19	a.m.	5	34	6	6	6
7	Sat	The British army entered France, 1813	5	25	6	12	3.52	16	1.16		5	32	6	7	7
8	S	17th Sunday after Trinity	5	48	5	12	20.49	17	2.15		5	30	6	8	8
9	M		6	10	59	12	37.02	18	3.14		5	28	6	9	9
10	T	Kaipoi Steeplechase, 1864	6	33	48	12	53.08	19	4.11		5	27	6	10	10
11	W	Battle of Camperdown, 1797	6	56	32	13	8.65	20	5.7		5	25	6	12	11
12	Th	America discovered, 1492	7	19	10	13	23.73	21	6.1		5	24	6	13	12
13	F	Napoleon landed at St. Helena, 1815	7	41	44	13	38.29	22	6.51		5	22	6	14	13
14	Sat	William Penn born, 1644	8	4	9	13	52.32	23	7.38		5	20	6	15	14
15	S	18th Sunday after Trinity.	8	26	29	14	5.79	24	8.24		5	18	6	16	15
16	M	Earthquake in Wellington, 1848	8	48	41	14	18.69	25	9.7		5	16	6	18	16
17	T	Bombardment of Sebastopol com., '54	9	10	46	14	31.01	26	9.50		5	14	6	19	17
18	W	St. Luke Evan. Ridley & Latimer	9	32	44	14	42.73	27	10.53		5	13	6	20	18
19	Th	H. K. White died, 1806 [burnt, 1555	9	54	33	14	53.83	28	11.16		5	11	6	22	19
20	F	Battle of Navarino, 1827	10	16	13	15	4.31	0	11.58		5	9	6	23	20
21	Sat	Lord Nelson died, 1805	10	37	44	15	14.14	1	0.43	p.m.	5	8	6	24	21
22	S	19th Sunday after Trinity	10	59	6	15	23.37	2	1.29		5	7	6	25	22
23	M	First Parliament of Gt. Britan, 1707	11	20	18	15	31.89	3	2.17		5	5	6	27	23
24	T	Battle of Balaclava, 1854	11	41	19	15	39.67	4	3.5		5	4	6	28	24
25	W	St. Petersburg University	12	2	10	15	46.81	5	3.55		5	3	6	29	25
26	Th	Royal Charter wrecked, 1859	12	22	50	15	53.25	6	4.45		5	2	6	30	26
27	F		12	43	18	15	58.90	7	5.36		5	0	6	31	27
28	Sat	St. Simon and St. Jude	13	3	35	16	4.00	8	6.26		4	58	6	32	28
29	S	20th Sunday after Trinity	13	23	38	16	8.29	9	7.19		4	56	6	34	29
30	M	Castle of Morea sur. to French, 1828	13	43	29	16	11.83	10	8.11		4	54	6	36	30
31	T	All Hallows eve	13	3	7	16	14.61	11	9.5		4	53	6	37	31

PHENOMENA FOR THE MONTH.

OCTOBER—4th, 4h. 5m. p.m., Mercury at greatest heliocentric latitude north; 5th, Moon eclipsed, invisible in New Zealand; 10th, 6h. 20m. a.m., Neptune stationary; 11th, 2h. 24m. a.m., Neptune in conjunction with the Moon; 17th, 9h. 57m. a.m., Venus in conjunction with the Moon; 19th, 4h. 25m. a.m., Mars in conjunction with Saturn; 19th, 6h. 31m. p.m., Venus in Perihelion; 20th, eclipse of the Sun, invisible in New Zealand, partially visible in England; 20th, 1h. 23m. a.m., Mercury in conjunction with the Moon, 10th, 5h. 13m. p.m.; Saturn in conjunction with the Moon; 20th, 6h. 26m. p.m., Mars in conjunction with the Moon; 22nd, 1h. 42m. a.m., Mercury in superior conjunction with the Sun; 25th, 3h. 2m. a.m., Jupiter in conjunction with the Moon; 25th, 8h. 51m. a.m., Mercury in conjunction with Saturn; 27th, 0h. 48m. a.m., Saturn in conjunction with the Sun; 28th, 10h. 14m. p.m., Mercury in conjunction with Mars.

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. If there be any manure in the stock yards, turn it up, that it may ferment, and destroy the seeds of weeds in it, and also that the ammonia be developed, ready to push forward the young root plants. 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.
Full Moon	3 7 35 p.m.	New Moon	18 10 32 p.m.
Last Quarter	10 5 17 a.m.	First Quarter	26 2 31 p.m.
	Perigee, 3d. 5h. a.m.	Apogee, 15d. 11h. 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.	H. M.	H. M.	H. M.					
1	W	All Saints. Hawkes' Bay Anniversary	14	22	32	16	16.62	12	10	0p.m.	4	51	6	39	1
2	Th	Great Eastern launched, 1857	14	41	42	16	17.84	13	10	57	4	50	6	40	2
3	F	Siege of Acre, 1840	15	0	39	16	18.26	14	11	53	4	49	6	41	3
4	Sat	[Inkerman, 1854	15	19	21	16	17.82	15			4	48	6	43	4
5	S	21st Sunday after Trinity. Battle of	15	37	47	16	16.65	16	0	56 a.m.	4	47	6	44	5
6	M	Mahoeahi pah taken, 1860	15	55	58	16	14.00	17	1	55	4	46	6	45	6
7	T	[taken, 1861	16	13	53	16	11.70	18	2	54	4	45	6	47	7
8	W	Milton died, 1674. Slidell and Mason	16	31	32	16	7.94	19	3	50	4	43	6	48	8
9	Th	Prince of Wales born, 1841	16	48	54	16	3.32	20	4	44	4	41	6	49	9
10	F	Martin Luther born, 1443	17	5	59	15	57.84	21	5	34	4	40	6	51	10
11	Sat		17	22	47	15	51.50	22	6	21	4	39	6	53	11
12	S	22nd Sunday after Trinity.	17	39	17	15	44.28	23	7	6	4	38	6	54	12
13	M	Rebels defeated at Dumblane, 1715	18	55	28	15	36.20	24	7	49	4	37	6	56	13
14	T	Governor Grey arrived, 1845	18	11	21	15	27.11	25	8	31	4	36	6	58	14
15	W	Gt. tempest and loss in the Black Sea,	18	26	55	15	17.31	26	9	14	4	35	7	0	15
16	Th	Insurrection in Rome, 1848 [1854	18	42	9	15	6.81	27	9	57	4	34	7	2	16
17	F		18	57	3	14	55.30	28	10	41	4	33	7	3	17
18	Sat	Duke of Wellington's funeral, 1853	19	11	37	14	42.94	29	11	27	4	32	7	5	18
19	S	23rd Sunday after Trinity	19	25	50	14	29.74	0	0	14p.m.	4	31	7	7	19
20	M	Peace and treaty of Paris, 1815	19	39	42	14	15.73	1	1	2	4	30	7	8	20
21	T	Princess Royal born, 1840	19	53	13	14	0.91	2	1	51	4	29	7	9	21
22	W	Gt. fire at Gravesend, 1846	20	6	22	13	45.30	3	2	42	4	28	7	10	22
23	Th	Sir John Franklin sailed, 1843	20	19	9	13	28.91	4	3	33	4	27	7	11	23
24	F		20	31	33	13	11.75	5	4	23	4	26	7	12	24
25	Sat	Havelock died, 1857	20	43	34	12	53.84	6	5	13	4	26	7	13	25
26	S	24th Sunday after Trinity	20	55	12	12	35.20	7	6	3	4	25	7	14	26
27	M	Pacific Ocean discovered, 1519	21	6	27	12	15.84	8	6	54	4	24	7	16	27
28	T	Ballarat riots, 1854	21	17	17	11	55.79	9	7	46	4	23	7	17	28
29	W	Times first print. by steam, 1814 [1782	21	27	44	11	35.05	10	8	40	4	23	7	18	29
30	Th	St. Andrew. Separation of America,	21	37	46	11	13.64	11	9	36	4	22	7	20	30

PHENOMENA FOR THE MONTH.

NOVEMBER—7th, 7h. 49m. a.m., Mercury in Aphelion; 7th, 9h. 38m. a.m., Neptune in conjunction with the Moon; 10th, 6h. 52m. p.m., Venus at greatest heliocentric latitude, north; 11th, 9h. 35m. a.m., Mars in conjunction with the Sun; 16th, 5h. 36m. p.m., Venus in conjunction with the Moon; 17th, 5h. 57m. a.m., Saturn in conjunction with the Moon; 18th, 6h. 23m. p.m., Mars in conjunction with the Moon; 20th, 7h. 41m. Mercury in conjunction with the Moon; 21st, 7h. 27m. p.m., Jupiter in conjunction with the Moon; 22nd, 6h. 28m. a.m., Venus in conjunction with Saturn; 27th, 5h. 38m. p.m., Mercury at greatest heliocentric latitude, south.

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 cove cabbages and potatoes.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
Full Moon	3 6 16 a.m.	New Moon	18 3 17 p.m.
Last Quarter	10 11 45 a.m.	First Quarter	25 0 3 a.m.
	Perigee, 1d. 3h. p.m.	Apogee, 13d. 2h. p.m.	Perigee, 29d. 2h. 32 p.m.

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.		EQUATION OF TIME. SUBT. FROM — ADD TO APPARENT TIME.		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. — Mean Time.		MEAN TIME CORRECTED.		DAYS.			
		°	'	M.	S.		D.	H. M.	H. M.	H. M.				
1	F	Lytt. & Chch. Railway opened, 1863	221	47	23	10	51.57	12	10.35 p.m.	4	22	7	19	1
2	Sat	French Empire restored, 1852	21	56	35	10	28.87	13	11.34	4	21	7	20	2
3	S	First Sunday in Advent	22	5	32	10	5.54	14	—	4	21	7	21	3
4	M		22	13	43	9	41.80	15	0.35 a.m.	4	20	7	22	4
5	T		22	21	38	9	17.08	16	1.34	4	20	7	23	5
6	W	Bible translated into English, 1611	22	29	8	8	52.00	17	2.31	4	20	7	24	6
7	Th	Milton born, 1608	22	36	10	8	26.37	18	3.24	4	20	7	25	7
8	F	Elihu Burritt born, 1811	22	42	46	8	0.23	19	4.14	4	19	7	26	8
9	Sat	First newspaper printed, 1665	22	48	56	7	34.60	20	5.1	4	19	7	27	9
10	S	Second Sunday in Advent	22	54	38	7	6.51	21	5.46	4	19	7	28	10
11	M	Gay died, 1732	22	59	54	6	38.93	22	6.28	4	19	7	29	11
12	T	[throne, 1542	23	4	42	6	11.05	23	7.21	4	19	7	30	12
13	W	Mary Queen of Scots came to the	23	9	2	5	42.75	24	7.53	4	19	7	31	13
14	Th	Prince Consort died, 1861	23	12	55	5	14.10	25	8.38	4	20	7	32	14
15	F	King Leopold born, 1790	23	15	20	4	45.14	26	9.22	4	20	7	33	15
16	Sat	Canterbury ann. Found. Cathedral, '64	23	19	17	4	15.91	27	10.9	4	20	7	33	16
17	S	Third Sunday in Advent	23	21	46	3	46.45	28	10.57	4	20	7	34	17
18	M	Ember Day	23	23	47	3	16.79	29	11.9	4	21	7	34	18
19	T	J. M. W. Turner died, 1857	23	25	20	2	46.92	0	0.38 p.m.	4	21	7	34	19
20	W	Louis Napoleon proc. Emperor, 1848	23	26	25	2	17.53	1	1.29	4	21	7	35	20
21	Th	St. Thomas, Apostle	23	27	2	1	47.00	2	2.20	4	22	7	35	21
22	F	Pegu annexed to British India, 1852	23	27	10	1	16.44	3	3.11	4	22	7	36	22
23	Sat	Act for format. of Forn. Legion passed,	23	26	45	0	46.88	4	4.2	4	23	7	36	23
24	S	Fourth Sunday in Advent [1854	23	26	1	-	16.84	5	4.52	4	23	7	36	24
25	M	Christmas Day	23	24	44	+ 13.12	6	5.41	4	24	7	37	25	
26	T	Anni. 1st Theatre opened in Christch.	23	22	59	0	42.98	7	6.33	4	25	7	37	26
27	W	St. John the Evangelist	23	20	46	1	12.71	8	7.26	4	26	7	37	27
28	Th	Innocents' Day	23	18	5	1	42.25	9	8.21	4	27	7	37	28
29	F	South Australia established, 1836	23	14	55	2	11.60	10	9.19	4	28	7	38	29
30	Sat	Capture of Mooltan, 1848	23	11	18	2	40.73	11	10.17	4	29	7	38	30
31	S	First Sunday after Christmas	23	7	13	3	9.59	12	11.16	4	30	7	39	31

PHENOMENA FOR THE MONTH.

DECEMBER—4th, 6h. 42m. p.m., Neptune in conjunction with the Moon; 5th, 11h. 2m. p.m., Mercury in conjunction with Jupiter; 6th, 3h. 45m., Mercury at greatest elongation; 14th, 10h. 5m. a.m., Mercury stationary; 16th, 6h. 48m. p.m., Saturn in conjunction with the Moon; 17th, 3h. 14m. a.m., Venus in conjunction with the Moon; 17th, 4h. 54m. p.m., Mars in conjunction with the Moon; 19th, 3h. 20m. a.m., Mercury in conjunction with Jupiter; 19th, 6h. 58m. p.m., Mercury in conjunction with the Moon; 19th, 1h. 52m. p.m., Jupiter in conjunction with the Moon; 21st, 7h. 25m. a.m., Mercury in Perihelion; 22nd, 6h. 52m. a.m., Sun enters Capricorn; 23rd, 10h. 15m. p.m., Mercury in inferior conjunction with the Sun; 14th, 3h. 48m. a.m., Neptune in opposition to the Sun; 20th, 6h. 44m. p.m., Venus in conjunction with Mars; 30th, 1h. 7m. p.m., Mercury in conjunction with Venus; 30th, 7h. 54m. p.m., Mercury in conjunction with Mars; 31st, 3h. 20m. p.m., Mercury at greatest heliocentric latitude, north.

FARMING OPERATIONS.

Attend to the hoeing and weeding of the carrots, parsnips, and mangolds. Continue and finish potatoe 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.

GENERAL GOVERNMENT DIRECTORY.

THE GOVERNMENT OF NEW ZEALAND.

GOVERNOR AND COMMANDER-IN-CHIEF AND VICE-ADMIRAL OF THE ISLANDS OF NEW ZEALAND—His Excellency Sir GEORGE GREY, K.C.B.

Private Secretary—Rev. J. Thatcher.

Assistant Private Secretary—J. Holt, Esq.

Aide-de-Camp—Captain F. E. Bulkeley, 65th Regiment.

DEPUTY OF THE GOVERNOR (in case of absence from the Province of Auckland)—Lieutenant-General Sir Duncan Alexander Cameron, K.C.B., Commanding H. M. Forces in New Zealand.

EXECUTIVE COUNCIL.

Honourables—The Colonial Secretary, the Colonial Treasurer, the Attorney-General, the Postmaster-General, the Native Minister, and the Minister for Colonial Defence. Clerk—Foster Goring, Esq.

COLONIAL SECRETARY AND NATIVE MINISTER—F. A. Weld
COLONIAL TREASURER—W. Fitzherbert
ATTORNEY-GENERAL—H. Sewell
POSTMASTER-GENERAL—J. L. C. Richardson
MINISTER FOR COLONIAL DEFENCE—H. A. Atkinson

[The above officers form the Cabinet.]

COLONIAL SECRETARY'S DEPARTMENT.

Under Secretary—W. Gisborne.

Chief Clerk—A. C. P. Macdonald.

COLONIAL TREASURY.

Assistant Treasurer—R. F. Porter.

Clerk and Cashier—C. T. Batkin.

ATTORNEY-GENERAL'S DEPARTMENT.

Assistant Law Officer—F. D. Fenton.

Clerk—R. G. Fountain.

NATIVE DEPARTMENT.

Native Secretary—

Assistant Native Secretary—H. Halse

Interpreter—H. Monro.

CUSTOMS DEPARTMENT.

Commissioner—Hon. W. Fitzherbert.

GENERAL POST-OFFICE.

Secretary—G. E. Elliott.

Clerk—R. S. Anderson.

Inspector of Post Offices—J. Couits Crawford.

COLONIAL DEFENCE OFFICE.

Assistant Secretary—W. Seed.

AUDIT DEPARTMENT.

Auditor General—Charles Knight.

Chief Clerk—W. Dover.

Registrar-General—J. Boyle Bennett.

Secretary for Crown Lands—Alfred Domett.

Registrar-General of Land and Deeds—T. B. Gillies.

Chief Surveyor—Charles Hoaphy.

SUPREME COURT.

Chief Justice—Hon. Sir George Alfred Arney, Knight.

Puisne Judges—His Honor Henry Barnes Gresson, Canterbury Circuit; His Honor Alexander John Johnston, Wellington, Hawkes Bay,

and Nelson Circuit; His Honor Christopher William Richmond, and His Honor Henry Samuel Chapman, Otago and Southland Circuit.

NEW ZEALAND MARINE BOARD.

President and Master Warden—Charles Sharp.

Wardens—Robert Johnson, Thomas Robertson, and Archibald Kennedy.

Treasurer—Thomas Robertson.

Inspectors of Steam Vessels—(under the Steam Navigation Act, 1862)—R. Johnson, Nelson; T. Robertson, Dunedin; A. Kennedy, Wellington.

Engineer Surveyor—Joseph Nancarrow.

CONSULS AND CONSULAR AGENTS.

FRANCE.—Achille Hubault, Consular Agent, Auckland.	Edmund Quick, Consular Agent, Dunedin.
PORTUGAL.—Edmund Quick, Consular Agent, Dunedin.	BELGIUM.—Ernest Louis Bucholz, Consul, Auckland.
UNITED STATES OF AMERICA.—F. Leavenworth, Consul, Bay of Islands; Henry Driver, Consular Agent, Dunedin.	HANS TOWNS.—Henry Houghton, Consul, Dunedin.
DENMARK.—Louis Bucholz, Consul, Auckland;	SWEDEN AND NORWAY.—Edmund Quick, Consular Agent, Dunedin.
	CHILI.—Edmund Quick, Consular Agent, Dunedin.

GENERAL ASSEMBLY.

LEGISLATIVE COUNCIL.

Arney, Hon. Sir Geo. Alfred, Knight, Chief Justice of New Zealand	Russell, Hon. John Charles Watts, of Canterbury
Bailey, Hon. William Douglas Hall, of Marlborough	Russell, Hon. Col. Andrew Hamilton, of Hawkes Bay
Bartley, Hon. Thomas Houghton, of Auckland	Russell, Hon. Henry, of Hawkes Bay
Buchanan, Hon. Andrew, M.D., of Otago	Salmon, Hon. John, of Auckland
Crawford, Hon. James Coutts, of Wellington	Sewell, Hon. Henry, of Canterbury
Cutfield, Hon. George, of Taranaki	Stokes, Hon. Robert, of Wellington
Gillfillan, Hon. John Anderson, of Auckland	Swainson, Hon. William, of Auckland
Hall, Hon. John, of Canterbury	Tancred, Hon. Henry John, of Canterbury
Johnston, Hon. John, of Wellington	Walton, Hon. Henry, of Auckland
Kenny, Hon. Lieut.-Col. William Henry, of Auckland	Whitaker, Hon. Frederick, of Auckland
Lee, Hon. George Leslie, of Canterbury	Whitmore, Hon.-Lieut.-Col. George Stoddart, of Hawkes Bay
Menzies, Hon. James Alexander, of Southland	
Pillans, Hon. Francis Scott, of Otago	SPEAKER, Hon. T. H. Bartley
Pollen, Hon. Daniel, of Auckland	CLERK, John Curnin, Esq.
Richmond, Hon. Lieut.-Col. Matthew, C.B., of Nelson	
Renwick, Hon. Thomas, M.D., of Nelson	

HOUSE OF REPRESENTATIVES.

AUCKLAND.—Monganui, W. Butler; Marsden, John Munro; Bay of Islands, Hugh Carleton; Northern Division, Thomas Henderson, James O'Neill; City East, Thomas Russell; City West, John Williamson, James Williamson; Parnell, R. G. Wood; Newton, G. Graham; Onehunga, G. M. O'Rorke; Pensioner Settlements, W. Mason; Franklin, Col. Haultain, R. Graham; Raglan, C. J. Taylor.

TARANAKI.—New Plymouth, Chas. Brown; Grey and Bell, H. Atkinson; Omata, J. C. Richmond.

HAWKES BAY.—Napier, W. Colenso; Clive, J. D. Ormond.

WELLINGTON.—Wellington City, I. E. Featherston, W. B. Rhodes, W. W. Taylor; Hutt, W. Fitzherbert, A. Renall; Porirua, A. de B. Brandon; Rangitikei, W. Fox; Wanganui, H. S. Harrison; Wairarapa, C. R. Carter.

NELSON.—Nelson City, A. Domett, E. W. Stafford; Waimea, J. G. Miles; Suburbs, W. Wells; Motueka, H. E. Curtis; Collingwood, A. J. Richmond.

MARLBOROUGH.—Pictou, D. Munro; Wairau, W. H. Eyes.

CANTERBURY.—Christchurch, J. C. Wilson, C.B.; Lyttelton, C. Ward; Avon, W. Thomson; Heathcote, A. Cox; Kaiapoi, R. Wilkin; Cheviot, F. A. Weld; Akaroa, L. Walker; Ellesmere, J. E. FitzGerald; Timaru, F. Jollie.

OTAGO.—Dunedin and Suburbs North, J. L. C. Richardson, Julius Vogel; Dunedin and Suburbs South, W. H. Reynolds, J. Paterson; Bruce, T. B. Gillies, E. B. Cargill; Hampden, F. Wayne; Gold Fields, G. Brodie, W. Baldwin.

SOUTHLAND.—Wallace, F. D. Bell, W. B. D. Mantell.

Speaker, David Munro, Esq.; Chairman of Committees, Hugh Carleton, Esq.; Clerk, Francis E. Campbell, Esq.; Clerk-Assistant, George Friend, Esq.; Sergeant-at-Arms, Edward Mayne, Esq.

HOUSE OF REPRESENTATIVES.

MEMBERS ALPHABETICALLY ARRANGED.

NAME.	DISTRICT.	PROVINCE.
Atkinson, Harry Arthur	Grey and Bell	Taranaki
Baldwin, William	Goldfields	Otago
Bell, Francis Dillon	Wallace	Southland and Otago
Brandon, Alfred de Bathe	Porirua	Wellington
Brodie, George	Goldfields	Otago
Brown, Charles	New Plymouth	Taranaki
Butler, William	Monganui	Auckland
Cargill, Edward Bowes	Bruce	Otago
Carleton, Hugh	Bay of Islands	Auckland
Carter, Charles Rooking	Wairarapa	Wellington
Colenso, William	Napier	Hawkes Bay
Cox, Alfred	Heathcote	Canterbury
Curtis, Herbert Evelyn	Motueka	Nelson
Domett, Alfred	Nelson City	Nelson
Eyes, William Henry	Wairau	Marlborough
Featherston, Isaac Earl	Wellington City	Wellington
FitzGerald, James Edward	Ellesmere	Canterbury
Fitzherbert, William	Hutt	Wellington
Fox, William	Rangitikei	Wellington
Gillies, Thomas Bannatyne	Bruce	Otago
Graham, George	Newton	Auckland
Graham, Robert	Franklin	Auckland
Harrison, Henry Shatto	Wanganui	Wellington
Haultain, Theodore Minet	Franklin	Auckland
Henderson, Thomas	Northern Division	Auckland
Jollie, Francis	Timaru	Canterbury
Mantell, Walter Baldock Durrant	Wallace	Otago and Southland
Mason, William	Pensioner Settlements	Auckland
Miles, John George	Waimea	Nelson
Monro, David	Pictou	Marlborough
Munro, John	Marsden	Auckland
O'Neill, James	Northern Division	Auckland
Ormond, John Davis	Clive	Hawke's Bay
O'Rorke, George Maurice	Onehunga	Auckland
Paterson, James	Dunedin and Suburbs South	Otago
Renall, Alfred	Hutt	Wellington
Reynolds, William Hunter	Dunedin and Suburbs South	Otago
Rhodes, William Bernard	Wellington City	Wellington
Richardson, John Larkins Cheese	Dunedin and Suburbs North	Otago
Richmond, Andrew James	Collingwood	Nelson
Richmond, James Crowe	Omata	Taranaki
Russell, Thomas	Auckland City East	Auckland
Stafford, Edward William	Nelson City	Nelson
Taylor, Charles James	Raglan	Auckland
Taylor, William Waring	Wellington City	Wellington
Thomson, William	Avon	Wellington
Vogel, Julius	Dunedin and Suburbs North	Otago
Walker, Lancelot	Akaroa	Canterbury
Ward, Crosbie	Lyttelton	Canterbury
Wayne, Frederick	Hampden	Otago
Weld, Frederick Aloysius	Cheviot	Marlborough, Nelson, and Canterbury
Wells, William	Nelson and Suburbs	Nelson
Wilkin, Robert	Kaipoi	Canterbury
Williamson, James	Auckland City West	Auckland
Williamson, John	Auckland City West	Auckland
Wilson, John Craeroff, C.B.	Christchurch	Canterbury
Wood, Reader Gilson	Parnell	Auckland

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
 Aynsley, Hugh Percy Murray, Canterbury
 Archibald, Thomas Baston, Otago
 Aubrey, Harcourt Richard, Auckland
 Aylmer, Justin, Otago

Baber, James, Auckland
 Back, Alexander, Canterbury
 Baker, William Bailey, Auckland
 Baillie, William Douglas Hall, Marlborough
 Bain, John Watson, Auckland
 Baldwin, William, Otago
 Ball, Thomas, Auckland
 Balneavis, Henry Colin, Auckland
 Bannatyne, William McLeod, Wellington
 Barnicot, 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
 Beckham, Thomas, Auckland
 Bedlington, William, Auckland
 Beetham, Richmond, Otago
 Bell, Francis Dillon, Auckland
 Belfield, Herbert, Canterbury
 Bennett, John Boyle, Auckland
 Beswick, William Cockerill, Canterbury
 Bidwell, Charles Robert, Wellington
 Birch, Josiah, Canterbury
 Blackett, John, Nelson
 Blakiston, Charles Robert, Canterbury
 Blacklock, John, Southland
 Blundell, Francis Horniblow, Nelson
 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, Hawkes Bay
 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

Calder, William Henderson, Southland
 Cameron, John, Wellington
 Campbell, Francis Eastwood, Auckland
 Campbell, Alexander Le Grand, Nelson
 Campbell, James Hunter, Hawkes Bay
 Campbell, Michael Scott, Canterbury
 Canning, Charles, Marlborough
 Canning, John Davis, Hawkes Bay
 Carew, Walter John, Canterbury
 Cargill, John, Otago
 Cargill, Edward Bowes, Otago
 Carkeek, Stephen, Wellington
 Carleton, Hugh, Auckland
 Carlyon, George Gauvas, Hawkes Bay
 Carter, Charles Rooking, Wellington
 Carter, Thomas, Marlborough
 Carter, James, Wellington
 Carter, John Chilton Lambton, Hawkes Bay
 Cass, Thomas, Canterbury
 Catchpool, Edward, Hawkes Bay
 Chalmers, Nathaniel, Southland
 Chalmers, Gerit Alexander, Otago
 Chamberlin, Charles, Auckland
 Chapman, Alfred, Hawkes Bay
 Chapman, Edward, Canterbury
 Chapman, Robert, Otago
 Chilman, Richard, Taranaki
 Churton, Henry, Wellington
 Clapcott, Henry, Otago
 Clark, Archibald, Auckland
 Clarke, George, Auckland
 Clarke, Henry Tacy, Auckland
 Clarke, Marsden, Auckland
 Clendon, James Reddy, Auckland
 Collins, Richard, Wellington
 Collett, W. R., Auckland
 Cook, Thomas Upperdine, Wellington
 Cook, Henry, Canterbury
 Cookson, Isaac Thomas, Canterbury
 Cooper, George Sison, Hawkes Bay
 Cox, Alfred, Canterbury
 Crawford, James Coutts, Wellington
 Creasy, Robert John, Nelson
 Creyke, Alfred Richard, Canterbury
 Croker, Edward, Otago
 Crompton, William Morgan, Taranaki
 Cunningham, Andrew Hunter, Canterbury
 Curl, Samuel, Wellington
 Curling, Edward Spencer, Hawkes Bay
 Curling, John, Hawkes Bay
 Curtis, George, Taranaki
 Curtis, Oswald, Nelson
 Cusack, Samuel Athanasius, Nelson
 Cutfield, George, Taranaki
 Cutten, William Henry, Otago

Daldy, William Crush, Auckland
 Daniel, Edward, Wellington
 Dewe, John, Auckland
 Dick, Thomas, Otago
 Dilworth, James, Auckland
 Dodds, James, Nelson

Domett, Alfred, Auckland
 Donald, William, Canterbury
 Dorset, William, Wellington
 Douglas, William, Hawkes Bay
 Downes, Thomas William, Marlborough
 Dudley, Charles, Canterbury
 Dunean, Richard John, Wellington
 Durie, David Stark, Wellington
 Dutton, James Roger, Nelson
 Dwyer, John, Auckland

Edwards, Nathaniel, Nelson
 Edwards, James Townsend, Wellington
 Elliott, George Elliott, Auckland
 Elles, Andrew Jamieson, Southland
 Empson, Charles, Marlborough
 Eyes, William Henry, Marlborough

Fannin, William, Hawkes Bay
 Fenton, Francis Dart, Auckland
 Fenton, Harold Hyde, Southland
 Fenwick, Fairfax, Otago
 Ferguson, James Burne, Hawkes Bay
 Eilleul, William Gabriel, Otago
 Fitzgerald, Michael, Hawkes Bay
 FitzGerald, James Edward, Canterbury
 Fitzherbert, William, sen., Wellington
 Flight, Josiah, Taranaki
 Forman, Robert Henry, Otago
 Forsaith, Thomas Spencer, Otago
 Fox, William, Wellington
 Fulton, James, Otago

Garrick, David, Otago
 Gibbes, Sir Samuel Osborne, Auckland
 Gibbs, William, Nelson
 Gillilan, John Anderson, Auckland
 Gillilan, Henry, Auckland
 Gillies, John, Otago
 Gillies, John Lillie, Otago
 Gisborne, William, Auckland
 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
 Griffiths, Alfred Benson, Auckland
 Grigg, John, Auckland

Halecombe, 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
 Handley, John, Wellington
 Harcastle, Edward, Otago
 Harman, Richard James Strachan, Canterbury
 Hargreaves, Joseph, Auckland
 Harper, Thomas, Wellington
 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
 Hawkinson, Donald, Southland
 Heale, Theophilus, Southland
 Heaphy, Charles, Auckland
 Henderson, Thomas, Auckland
 Hewett, James Duff, Wellington
 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
 Hull, Francis Holmes, Auckland
 Hunter, George, Wellington

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

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

Kebble, Thomas, Wellington
 Keddel, 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
 Kinross, J. G., Hawkes Bay
 Kirwan, John, Wellington
 Knight, Charles, Auckland

Lambert, Charles, Hawkes Bay
 Lance, Henry Porcher, Canterbury
 Lance, James Du Pré, Canterbury
 Lean, Alexander, Canterbury
 Latter, Robert, 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
 Levien, Joseph Henry, Nelson
 Lewis, David, Wellington
 Lloyd, George, Otago
 Locke, Samuel, Hawkes Bay
 Logan, William Reallie, Marlborough
 Logan, Robert A., Wellington
 Logie, Charles, Otago
 Ludlam, Alfred, Wellington
 Lusk, Robert Baillie, Auckland
 Lyon, William, Wellington

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
 Mantell, Walter Baldoek Durant, 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
 McArthur, Duncan, Southland
 McCaskill, Lachlan Allen, Auckland
 McCulloch, Henry, Southland
 McGlashan, John, Otago
 McGlashan, Edward, Otago
 McKellar, Peter, Auckland
 McKenzie, Duncan, Auckland
 McLean, Donald, Hawkes Bay
 McLean, Every, Auckland
 McMaster, Alexander, Auckland
 McNab, Alexander, Southland
 McNeil, Alexander, Southland
 McPherson, Aeneas McIntosh, Canterbury
 McRae, Philip, Marlborough
 Mellsop, Charles, Auckland
 Menzies, James Alexander Robertson, Southland
 Meredith, Edwin, Wellington
 Merriman, Frederick Ward, Auckland
 Miles, F. G., Nelson
 Miller, Edward, Wellington
 Mitford, George Manners, Auckland
 Moir, William, Auckland
 Monro, David, Nelson
 Moore, George, Wellington
 Moore, John, Wellington

Moorhouse, Benjamin Michael, Canterbury
 Moorhouse, William Sefton, Canterbury
 Morpeth, Henry Douglas, Auckland
 Morse, Nathaniel George, Nelson
 Moss, Frederick Joseph, Otago
 Müller, Stephen Lunn, Marlborough
 Munro, John, Auckland
 Mould, Thomas Rawlings, C. B., Auckland
 Murdoch, John Wallace, Otago
 Murray, George Freeman, Auckland
 Murison, James, Otago
 Musgrave, Edward, Otago

Naughton, James, Auckland
 Nesbett, William Kerr, Auckland
 Newcome, Richard Kindersley, Nelson
 Newman, Alfred George, Hawkes Bay
 Newman, Joseph, Auckland
 Nixon, John, Wellington
 Nixon, Marmaduke George, Auckland
 Nurse, Hugh, Southland

Oliver, George Alfred, Hawkes Bay
 Ollivier, John, Canterbury
 O'Neill, James, Auckland
 Orbell, John, Otago
 O'Rorke, George Maurice, Auckland
 Ormond, John Davis, Hawkes Bay
 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
 Perston, 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
 Procece, James, Auckland
 Price, Matthew, Southland
 Purdie, William, Otago
 Purnell, William Kirk, Canterbury
 Pyke, Vincent, Otago

Raeburn, Robert, Auckland
 Reader, Henry Elmhirst, 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

Richmond, James Crowe, Nelson
 Richmond, Matthew, C. B., Nelson
 Robinson, Francis, Wellington
 Robinson, John Perry, Nelson
 Robinson, Samuel, Marlborough
 Robinson, Henry Wigram, Otago
 Rochfort, John, Canterbury
 Rogan, John, Auckland
 Rogers, James Dowling, Canterbury
 Rolland, James, Otago
 Rookes, 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
 Rutherford, George, Nelson
 Ryan, John, Auckland

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
 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 Graves, Canterbury
 Stephenson, Samuel, Auckland
 Stewart, Francis Edward, Canterbury
 Stewart, Robert Oliphant, Auckland
 St. Hill, Henry, Wellington
 Stoddart, Mark Pringle, Canterbury
 Stokes, Robert, Wellington
 Strang, Robert Roger, Wellington
 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
 Tancered, Henry John, Canterbury
 Tarlton, William Francis, Southland

Taylor, Allan Kerr, Auckland
 Taylor, Charles John, Auckland
 Taylor, John Parkins, Southland
 Taylor, Henry, Auckland
 Taylor, Thomas Balladic, 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
 Trolove, Frederick William, Marlborough
 Tucker, John Ashcot, Hawkes Bay
 Tuckey, Henry Edward, Nelson
 Tuke, Edmund, Hawkes Bay
 Turnell, Henry Widowsom, 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, Augustus Edward, Canterbury
 White, George, Nelson
 White, Thomas Woolaston, Canterbury
 White, John, Wellington
 White, William Bertram, Auckland
 Whitmore, George Stoddart, Hawkes Bay
 Whitton, Henry William, Southland
 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 Fortescue Evelyn, Wellington
 Wright, William Brisbane, Nelson
 Wyatt, Alfred Francis William, C.B., Auckland
 Wynyard, Gladwin John Richard, Auckland

Young, Henry, Southland
 Young, William, Auckland
 Young, William Carr, Otago

NEW ZEALAND ARMY LIST.

HER MAJESTY'S TROOPS.

MILITARY STAFF.

Lieutenant-General Commanding—Sir D. A. Cameron, K.C.B.
 Brigadier-General—Colonel Carey, 18th Regt.
 Deputy Quartermaster-General—Colonel Gamble.
 Assistant Military Secretary—Major Pitt, 80th Regt.
 Deputy Inspector-General and Principal Medical Officer to the Forces in New Zealand—
 Dr. Mouatt, V.C., C.B.
 Aides-de-Camp—Lieut.-Colonel McNeill, V.C., and Lieut. W. St. Hill, 65th Regt.

REGIMENTS OF THE LINE.

	Head Quarters.
12th.—Colonel Hamilton	Waikato
14th.—Lieut.-Colonel Dwyer	Wellington
18th.—Colonel A. A. Chapman	Waikato
40th.—Lieut.-Colonel T. K. Nelson	Waikato
43rd.—Lieut.-Colonel Synge	Auckland
50th.—Colonel Waddy	Otago
57th.—Lieut.-Colonel Logan	Wanganui
65th.—Colonel Wyatt	Waikato
68th.—Colonel Greer	Tauranga
70th.—Lieut.-Colonel Muloch	Taranaki

ROYAL ENGINEERS.

Colonel T. R. Mould, C.B. ... Auckland

HER MAJESTY NAVAL FORCES.

Curacoa—Commodore Sir William Wiseman, C.B.
 Miranda—Captain Jenkins
 Falcon—Captain Parkyns

COLONIAL NAVY.

Sandfly	Prince Alfred	Pioneer	Rangiriri
Alexandra	Gundagai	Koheroa	Sturt

COLONIAL FORCES.

[Officers marked thus * have received promotion for distinguished services.]

MILITARY STAFF.

Major-General Commanding Militia and Volunteers
 —Major-General T. J. Galloway, 22nd July, 1863.
 Aide-de-Camp and Military Secretary—Lieut. Col.
 P. F. de Quincey, 20th April, 1864.
 Deputy Adjutant-General—Lieut.-Col. H. C. Bal-
 neavis, Aug. 15, 1859.
 Superintendent of Militia Stores—Edward King.

AUCKLAND MILITIA.

[Three Battalions.]

Lieutenant-Colonels—H. M. Nation, July 22, 1863;
 Ponsoby Peacocke, 18th April, 1864
 Majors—Michael Tighe, Oct. 28, 1863; G. W. D.
 Hay, 18th March, 1864; J. Walmsley, 2nd June,
 1864; F. J. Hills, 13th Sept., 1864.
 Adjutants—M. Tighe; O. Pilling.
 Head Quarters, Auckland.

1ST WAIKATO REGIMENT.

Lieut.-Colonel—Philip Harrington, 22nd April, 1864
 Majors—J. H. H. St. John, Oct. 29, 1863
 Adjutants—*G. F. Von Tempsky, 4th April, 1864;
 W. M. Hunter.
 Head Quarters, Tauranga

2ND WAIKATO REGIMENT.

Lieut.-Colonel—*T. M. Haultain, 2nd April, 1864
 Majors—G. M. Picken; *W. Jackson, 3rd April,
 1864
 Adjutant—W. S. C. Tisdall.
 Head Quarters, Alexandra, Waikato.

3RD WAIKATO REGIMENT.

Lieut.-Colonel—W. C. Lyon, 16th Oct., 1863
 Major—T. Wilson, 11th Jan., 1864
 Adjutant—William Clare, 20th Jan., 1864
 Head Quarters, Cambridge, Waikato.

4TH WAIKATO REGIMENT.

Lieut.-Colonel—W. Moule, 21st April, 1864
 Major—J. Keddell, 25th Feb., 1864
 Adjutant—A. W. East, 5th May, 1864
 Head Quarters, Kirikiriri, Waikato.

VOLUNTEERS.

[Five Troops Cavalry, Twelve Companies Rifles,
 Three Companies Naval Volunteers.]
 Majors—F. E. Campbell, 23rd June, 1863; *C.
 Heaphy, (unattached), 11th Feb., 1864
 Adjutant (Acting)—Captain J. Mitchell, June 25,
 1863

TARANAKI MILITIA.

Lieut.-Colonel—M. Lepper, 17th Sept., 1864
 Major—F. C. H. S. Baddeley, 19th Feb., 1864
 Adjutant—Captain C. Stapp, June 3, 1858

TARANAKI VOLUNTEERS.

[Two Companies Rifles.]

Major—*H. A. Atkinson, 20th Feb., 1864

WANGANUI.

[One Battalion Militia, One Troop Cavalry, and
 Five Companies Rifle Volunteers.]

Major Commanding Militia and Volunteers—C. C.
 Rookes, 1st Feb., 1862
 Major, (unattached)—D. S. Durie, 2nd May, 1864
 Adjutant—Captain A. Ross, Oct. 28th, 1863

RANGITIKEI AND TURAKINA.

[One Troop Cavalry, Two Companies Rifle
 Volunteers.]

Major Commanding—J. W. Marshall, 31st Aug.,
 1863

WELLINGTON, WAIRARAPA, AND CASTLE POINT.

[Three Battalions Militia, One Troop Cavalry, and
 Nine Companies Rifle Volunteers.]
 Major Commanding Militia and Volunteers—E.
 Gorton, July 30th, 1863
 Major—J. T. Edwards, 30th July, 1864
 Adjutants—Captain J. S. Kirwan, June 2, 1863
 (Wellington); Captain H. Cleland, Feb. 23, 1864
 (Hutt and Wairarapa)

NAPIER.

[One Battalion Militia, Three Troops Cavalry, and
 One Company Rifle Volunteers.]

Lieut.-Colonel Commanding Militia and Volunteers
 —G. S. Whitmore, 12th Sept., 1864
 Major—C. Lambert, Nov. 28, 1863
 Adjutant—Captain E. Withers, July 1, 1863

NELSON.

[One Battalion Militia, and Four Companies Rifle
 Volunteers.]

Lieut.-Colonel—
 Major—
 Adjutant—Captain J. W. Lockett, March 30, 1863

MARLBOROUGH.

[One Company Rifle Volunteers.]

Captain Commandant—W. D. H. Baillie, Feb. 1,
 1862

CANTERBURY.

[Militia Battalion not called out.]

Captain and Adjutant—George Armstrong, June 4,
 1860
 Surgeon—

CANTERBURY RIFLE VOLUNTEERS.

[Eight Companies.]

Major—T. W. White, Feb. 1st, 1862
 Captains—J. Fuller (Kaiapoi), March 21, 1862;
 H. P. Murray-Aynsley (Lyttelton), March 24th,
 1862; Crosbie Ward (Christchurch), Oct. 26,
 1864; G. Packe (Christchurch), Oct. 27, 1864;
 W. J. Steward (Christchurch); W. F. Moore
 (Christchurch).
 Lieutenants—W. Donald (unattached), March 25,
 1862; C. Cook (Christchurch), Oct. 26, 1864;
 R. J. S. Harman (Christchurch), Oct. 27, 1864;
 W. Dawson (Christchurch); J. S. Browning
 (Christchurch); J. Beswick (Kaiapoi), November,
 1864.
 Ensigns—E. W. Tippetts (Christchurch), March
 21, 1862; S. E. Wright (Lyttelton), Nov. 1862;
 B. W. Mounifort (Christchurch), Oct. 26, 1864;
 G. C. Black (Kaiapoi), November, 1864.
 Surgeon—Courtney Nedwill, 14th April, 1864

CANTERBURY YEOMANRY CAVALRY.

Captain Commandant—H. E. Reader, Oct. 23, 1864
 Captains—J. C. Wilson, C.B., Oct. 23, 1864; W. Thomson, Oct. 27, 1864; E. J. Wakefield, Oct. 23, 1864
 Lieutenants—M. W. Anderson, Oct. 23, 1864; C. C. Aikman, Oct. 27, 1864; W. S. Moorhouse, Oct. 23, 1864
 Cornets—L. P. Traherne, Oct. 23, 1864; J. C. Aikman, Oct. 27, 1864; H. W. Tancred, Oct. 23, 1864

OTAGO.

[One Battalion Militia (not called out), One Troop Light Horse, Three Companies Rifles, One Company Artillery, and One Company Naval Volunteers.]
 Major Commanding—John Cargill, 18th Aug., 1864
 Adjutant—Captain W. G. Graham, April 2, 1864

SOUTHLAND.

[One Company Rifle Volunteers.]

Captain and Adjutant—W. J. B. Junor, 11th Aug., 1864

COLONIAL DEFENCE FORCE.

[Auckland, Napier, and Wellington.]

Major-General Commanding—T. J. Galloway, 10th Sept., 1863
 Commandants—J. Walmsley, Auckland, June 1, 1864; G. S. Whitmore, Napier, July 1, 1863; J. T. Edwards, Wellington, July 30, 1863
 Inspectors—C. W. R. La Serre, July 6, 1863; C. Pye, July 14, 1863; R. B. Leatham, July 15, 1863; W. Robertson, Sept. 1, 1863; S. Deighton, Sept. 1, 1863; C. J. Anderson, Sept. 10, 1863; M. Noake, Nov. 11, 1863; M. N. Bower, June 6, 1864
 Sub-Inspector—J. C. George, July 6, 1863; F. J. W. Gascoigne, July 11, 1863; C. Hudson, July 11, 1863; C. J. Wilson, July 17, 1863; J. A. Perey, Aug. 1, 1863; P. Kingdon, Aug. 13, 1863; A. Macpherson, Jan. 19, 1864; D. Hutchison, Jan. 10, 1864; George Ross, May 3, 1864; H. L. May, June 6, 1864
 Surgeon—C. Hooper, Oct. 14, 1863
 Assistant Surgeon—A. Johnston, Aug. 8, 1863

COLONIAL DEFENCE FORCE.

REGULATIONS.

THE following Regulations for the Colonial Defence Force have been issued by authority, under date the 29th September, 1864:—

The pay of the Force will be as follows:—

	s.	d.	
Troop Sergeant-Major	13	6	per diem.
Serjeant	12	6	"
Corporal	10	0	"
Troopers and Trumpeters	7	6	"

The men will be expected to bear the whole expense of subsistence for themselves and their horses, of providing and maintaining their uniform, equipments (except arms and ammunition), and horses; and will be liable to the Mutiny Act and Articles of War, and such regulations as may from time to time be authorised by the Government.

When forage and provisions cannot be otherwise obtained, the Government will supply the regulated Military ration of each, and the men will be placed under a stoppage, to be fixed from time to time by a Board of Officers appointed by the Government for that purpose, but until the 1st January next to be Three Shillings per diem.

Should the men desire to purchase their horses from the Government, or to obtain advances for the purchase of horses, or saddlery, uniform, &c., they will be permitted to do so, refunding the amount by monthly instalments—which may vary at their own option, from £2 10s. to £5 per month.

When convenient, working passes and furloughs will be granted to men of good character, on their private affairs. While so absent, if for more than three days in any one month, they will receive half-pay only.

Men will not be discharged with less than three months' notice, except as an indulgence at their own request, or unless physically unfit for service, or of a bad character. They will be enlisted for any period for which they may be required, not exceeding three years, and will be liable to serve, if required, in any part of New Zealand.

On being attested for the force, the men will sign an engagement attached hereto.

DECLARATION.

I, _____ hereby engage to serve in the Colonial Defence Force, for the daily pay of Seven Shillings and Sixpence, in any part of New Zealand, and for such period as the Government may require my services, not exceeding three years; to bear the whole expense of providing my uniform, saddlery, equipment, and maintaining them in a state of efficiency; of providing my own provisions; of providing,

feeding, and maintaining a horse, subject to the approval of my Commanding Officer; and, should my horse become non-effective, I engage to replace it at my own cost, unless captured, injured, or killed by the enemy, in which case the Government will bear the cost of replacing the animal.

I fully understand that, while serving in the above Force, I render myself liable to the Mutiny Act and Rules and Articles of War for the time being in force in this colony, and to such Laws, Rules, and Regulations as may be authorized for the better government of the Force.

Furthermore, I understand that, if under exceptional circumstances, or in the field, I am unable to obtain supplies of provisions and forage, the Government will supply these requisites at a price to be fixed, from time to time, by a Board of Officers appointed by the Governor for that purpose; that if I absent myself without permission, or am sentenced to imprisonment by Court Martial, my pay will cease during such period of absence or confinement; that I shall be entitled to half-pay only when absent on leave or furlough, while undergoing minor punishment by order of my Commanding Officer, or, if my horse becomes non-effective, until it is recovered or replaced.

In an article in the *Army and Navy Gazette* on the distribution of the army, the following particulars of the New Zealand regiments are given:—The regiments now employed in New Zealand went on foreign service as follow:—The 65th, in May, 1846; the 70th, in January, 1849; the 43rd Light Infantry, in October, 1850; the 68th Light Infantry in December, 1857; the 40th, in July, 1852; the 57th in February, 1853; the 1st battalion 14th, in September, 1860; and the 2nd battalion 18th Royal Irish, in April, 1863. The period at which these battalions may be relieved depends upon the progress of the war. Should it be brought to a termination, all will be at once brought home, except the 50th, 2nd battalion 14th, and 2nd battalion 18th. Although the 68th has only been abroad since 1857, it is well entitled to relief, from the fact that it was sent out to India after being at home but a few months from foreign service. In fact, it was, like the 43rd, under orders for England when the increased demands of the New Zealand war compelled the authorities to divert it from Rangoon on that service.

ITINERARY.

CHRISTCHURCH TO THE OTAGO BOUNDARY.

	Miles.		Miles.
Harewood Road Junction	3	Timaru	101
Springs Road Junction	4 $\frac{1}{2}$	Pareora	100
Weeden's Hotel	12	Otaio	113
Selwyn	24	Waimate	129
Rakaia	34	Waitaki (Wilson's Ferry)	144
Ashburton	54	Oamaru	184
Hinds	64	Moeraki	189
Rangitata	73	Waikouaiti	219
Orari	81	Dunedin	249
Arowenua Bush	90		

TIMARU TO THE LINDIS BY THE M'KENZIE COUNTRY.

	Miles.		Miles.
The Cave	21	Pukaki	77
Opawa	29	Ohou	83
Burke's Pass	54	Lindis Pass	120
Tekapo	67		

LINDIS PASS TO DUNEDIN, BY OAMARU.

	Miles.		Miles.
Oamaru	120	Waikouaiti	175
Moeraki	145	Dunedin	205

2637.02
 REFERENCE DEPT.
 CANTERBURY PUBLIC
 8036850

REGISTRATION OF BIRTHS, MARRIAGES, AND DEATHS.

In the case of persons dying intestate, *i. e.*, without making a will, the next of kin may apply for letters of administration; but if there be no next of kin, or if the next of kin do not apply, the estate is administered by the Official Administrator, in which case the personal property of the deceased is sold by auction, and, after all debts and demands against the estate are satisfied, the residue of the money, if any, is paid into the Colonial Treasury, subject thereafter to be paid out by an order of a Judge of the Supreme Court, on receiving proof of claim.

Wills are proved by the executors of a deceased person before a Judge of the Supreme Court when probate is given.

Persons about to marry must obtain from the Registrar's office a certificate; for without this certificate no minister can perform the ceremony of marriage under a penalty. The persons applying for this certificate must lodge with the Registrar their names, and other particulars as to age, &c., and pay a fee of 2s. 6d.; and at the expiration of 14 days, on payment of an additional 5s., the certificate is granted. But the certificate can be granted and the marriage performed without any delay, on payment of a fee of £1 2s. 6d. Certificates can only be granted as stated where both parties are above the age of 21, or have been previously married. In the case of minors (excepting widowed ones) the law requires the consent in writing of the father, or, in the event of his death, the mother or guardian (given before the Registrar, at his office, or before a J.P., or a solicitor of the Supreme Court, or an Officiating Minister, and attested by him) in all cases where such parent or guardian be resident in the Colony. Persons married by the Registrar pay an additional fee of £3. No persons can be married according to the form of the Episcopal Church, unless the "banns" have been published three times in the church, or unless a special license is obtained from the Bishop's Surrogate. This special license costs £2, and is in addition to the minister's fee, and to the Registrar's fee for the certificate.

Births may be registered without fee any time within sixty-two days from the date of the birth, if born in the colony; and after the expiration of sixty-two days, and until six months from birth, births may still be registered, on payment of a fee of 10s. 6d. The name of the child may be registered without fee at the time of registering its birth, or the name may be registered at any time within twelve months after the child's birth, on payment of a fee of 2s. 6d. Immigrants can have a child registered within six months after their arrival in the colony.

VACCINATION.

By an Act of the General Assembly, passed on the 14th December, 1863, provision was made for dividing each province of the Colony into districts for the purpose of vaccination, and appointing in each a Medical Officer to perform the process of vaccination. Convenient places have been fixed in each district where the Medical Officer attends, and the days and hours of attendance at each place are from time to time notified.

It is the duty of every parent to take his child, within six months of its birth, to the appointed Medical Officer, or to some qualified medical practitioner, for the purpose of having vaccination administered; and on the eighth day following to take it back again for inspection.

For breach of the law a penalty not exceeding forty shillings is provided, and this fine may be recovered before any bench of magistrates.

If the child be properly vaccinated, the Medical Officer or practitioner is to give a certificate of the fact. If the child be unfit to endure the process, or be not susceptible, another certificate is to be given accordingly, which will clear the parent of the consequences.

The Registrar of Births for the district is to receive a copy of each certificate of successful vaccination from the Medical Officer, and to enter the fact opposite the name of the child in his register.

On the ordinary registration of the birth of a child the Registrar will warn the parent of the law. And in cases where a child, born before the passing of the Act, or from any cause, remains unvaccinated, on notice from the Medical Officer, the child must be produced for the purpose within two months, under a penalty of forty shillings.

Inoculation with the virus of small pox is a crime punishable by a penalty of ten pounds.

The word "parent" means "father, mother, or other person having the care, nurture, or custody of the child."

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.

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 affords a still wider latitude for the exercise of Ornamental Gardening, I have thought it desirable 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 endeavoring 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.

W. WILSON.

Christchurch, 1st January, 1865.

JANUARY.

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

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

THE opening month of the year corresponds to an English July in season and in temperature—in drying wind and in all the characteristics of an English midsummer, with its bright sunshine, dry atmosphere, and increasing warmth, slightly intensified. These atmospheric conditions usually attain their greatest intensity about the end of the present and commencement of the ensuing month. It is, therefore, a matter of peculiar importance in gardening to finish the planting and sowing of winter vegetables during the earlier period of the month, while the ground still retains a portion of the moisture acquired during the usually showery month of December; for if the 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, nonpareil, and drumhead cabbages; globe savoys, Brussels sprouts, curled greens, and other varieties of winter vegetables.

Transplant also cabbage and cos lettuce, green curled endive, leeks and celery, planting the latter vegetable in well manured trenches in the shadiest and moistest portion of the garden; if desired to be very large and fine, it must have frequent copious waterings during the 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.

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 period.

of blooming; continue the propagation of pinks and carnations by pipings and layers, as previously directed.

Collect ripened seeds of choice annuals and perennials, especially of verbenas, polyantheses, 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 vinerias 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—Prepared Land for Autumn-sown Onions—Broad Beans—Cabbage—Cauliflower, &c.—Spinach—Budding—Strawberry Planting—Bulbous and Tuberos Flower Roots—Vinerias—Lawns and Shrubberies.

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

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

Seeds may now be sown of radish, lettuce, cress, mustard, and endive; and this is especially the season for making a large sowing of early white stone turnips, which will yet give a moderate crop of remarkably sweet and tender turnips throughout the whole of the winter and early spring. The most suitable ground for all 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 later 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 tuberos flower roots lifted about the end of summer may now be replanted; polyantheses, 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 vinerias 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 serener 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, savoys, and curled greens, to stand the winter in the seed-beds, and afford supplies of each for planting out in spring, to cress and mustard for late salading, and to a good sowing of spinach for spring gathering.

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

Hoe between, and earth up advancing crops of flowering broccoli; and if these, from their over vigorous growth, have become too crowded, the plants of every second row, and each alternate plant in the remaining row, may, with advantage, be thinned out and planted to the neck in potato or other ground from which the crops have been removed; for it often happens on 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!—ТРОМСОХ.

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

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

Clear away also the ripened haulm of asparagus, first loosening the surface, and then dressing the bed with eight or ten inches of fresh 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 in variably 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 a^d 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!—ТРОМСОХ.

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 burster" 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 amply 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-drop, 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 in to 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 canvass 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 plant only on perfectly dry land not liable to become flooded; for wherever surface water stands after heavy rains, the sets of newly-planted potatoes are sure to perish. Indeed, the only object gained by planting thus early is the lightening of duties at a more advanced and busy period of the season.

Continue the pruning and transplanting of fruit trees as previously directed, as well as ornamenta 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 relaying portions of the lawn which are uneven, by neatly edging the margins 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, Wallflower, Primroses, Violets, &c.—Re-potting 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, with 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 for garden walks, or for the purpose of defining the backs of borders—may now be sown in continuous lines.

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

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

Apples, pears, plums, cherries, peaches, nectarines, figs, gooseberries, currants, raspberries, and strawberries should now be planted as soon as possible; for the increasing strength of the sun's rays is daily becoming less favourable to a high degree of success.

Sweet peas, mignonette, and the numerous varieties of hardy or half-hardy annual, biennial, and perennial flower seeds should at once be sown; and plants of sweet-williams, stocks, wallflowers, daisies, primroses, violets, and many other plants of a similar class can now be successfully transplanted.

Returning spring suggests the necessity for renewed activity in all matters relating to 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 enable them to increase their growth, and to perfect their bloom. For this purpose, flower-pots at least twice or three times the size of those the plants now occupy should be well drained with broken flower-pots or small pieces of brick, and the plants potted in these in a mixture of something like good garden soil of a rich black loam, to which one-third of well decomposed manure has been added.

After potting, re-arrange the plants in the 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 theinery 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'er spreads the spring;
Flings from the sun direct the flaming day;
Feeds every creature; hurls the tempest forth;
And, as on earth this grateful change revolves,
With transport touches all the springs of life.—THOMSON.

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

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

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

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

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

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

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

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

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

It is now the season to commence grafting, as the sap is beginning to move. Commence first with those fruit trees which come earliest into leaf, as cherries and plums. The latest kinds in leafing are pears and apples, which are generally not grafted until nearly a fortnight after the cherry. This is also the proper time to graft oranges; choose for a stock the 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 method 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 theinery 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 savory, Brussels sprouts, curled greens, and cauliflower. Make successional sowings of early white stone turnips, spinach, cress, mustard, radish, lettuce, endive, and red beet. Even onions may still be sown; more, however, for the purpose of drawing green throughout the summer and autumn, and thus saving the bulbs of the earlier and better crops. The varieties of early and late cabbages may also be sown, and during showery weather the early spring-sown plants of each may be advantageously transplanted. Carrots, parsnips, salsafy, and scorzonera may still be sown; and now is a suitable time to commence first small sowings of scarlet runners and dwarf French beans. These first sowings are not, however, to be relied upon; for some seasons it happens that a long period of fine weather may be succeeded by a single chilly night, accompanied with a 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 blush 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 greenhouse 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 Shrubby 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 too frequent defect—will thus be avoided, which results only from neglected morning ventilation.

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

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

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

THE INTRODUCTION OF TREES, FLOWERS, AND FRUITS, INTO CANTERBURY.

The following passages from a lecture delivered by Mr. William Wilson, on "The Early History of Gardening in Canterbury," on the 10th of October, 1864, contain many valuable facts:—

* * * * *

First amongst English trees, in point of beauty as well as in point of time, with reference to the period of its introduction, I shall give you the history of the weeping willow, or true *Salix Babylonica*, first introduced into New Zealand, in 1840, by the French settlers of Akaroa, who, upon their way from France, put into the island of St. Helena for the purpose of testifying their veneration for the memory of Napoleon Bonaparte; and, desirous of possessing some memento of a name affectionately engraven on the heart of every Frenchman, they brought with them cuttings of some of the weeping willows which they found growing in pendent beauty around Napoleon's sacred tomb. This circumstance has created a slight confusion between the names of the true Babylonish weeping willow, which is the one that we possess in Canterbury, and the *Salix Napoleona*, or true Napoleon's willow, which is an evergreen shrub indigenous to St. Helena, and first sent home to England in 1823, where it is only occasionally seen as a cool greenhouse or conservatory evergreen, incapable of enduring the frosts of an English winter; whilst the common weeping willow is indigenous to the banks of the Euphrates, and is unquestionably the same willow referred to in the 137th Psalm, in the following affecting lines:—

By Babel's streams we sat and wept,
When Zion we thought on,
In midst thereof we hanged our harps
The willow trees upon.

The weeping willow, therefore, which we possess was first sent from the Euphrates by Lady Mary W. Montague, the wife of the English Ambassador at Constantinople, who sent some cuttings to Pope, the poet, who planted one of them in his garden at Iwickenham, which was the parent tree of all the weeping willows now in England. Plants from this tree were introduced into St. Helena from England by General Beaton in 1810, five years before the Battle of Waterloo, five and a half years before Napoleon's captivity, and eleven years before his death, on the 5th of May, 1821. It was first planted in St. Helena, among other trees, on the side of a valley near a spring, and having attracted the notice of Napoleon, he had a seat placed under it and used to go and sit there and have water brought to him from the adjoining fountain. About the time of Napoleon's death, in 1821, a storm shattered the willow in pieces, and after the interment of the Emperor, Madame Bertrand planted several cuttings from it on the outside of the railing which surrounded the grave; and from one of the finest of these was brought the cutting by the French settlers, which has since grown into a noble tree, and is still standing in German Bay at Akaroa; and this is the true parent of all our handsome weeping willows.

Three of the very finest in the province are growing in the beautiful grounds of Mr. Watson, the Resident Magistrate at Akaroa. They each stand about 25 feet in height, from the very summit of which their graceful pendent branches descend to the ground in beautiful festoons.

The merit of introducing walnut trees into the province was equally due to M. Beligny, the agent of the French settlers in Akaroa, in whose garden, at German Bay, the original two trees are still standing, and producing annually large crops of nuts. Some seven years ago I gave £33 for the one season's crop of the two trees, from which I raised some 7000 young walnut trees, most of which I sent to the other settlements of New Zealand, where they sold readily at £12 10s. per hundred; and so largely are the trees now distributed throughout the colony, that walnuts are not unlikely to become, in a few years, an important article of export.

We are also indebted to the French settlers for the first introduction of the grape vine. They brought with them a large number of varieties, some of which are late in ripening, and less adapted for the climate of Akaroa than such as the early white sweet-water grape which covers the end and verandah of M. Breitmeyer's house, a German settler in German Bay. This grape bears abundantly, and ripens early and well every season; the wonder is, that it has not long since superseded the late ripening and inferior varieties, for this and the well known black Hamburg grape would be by far the best sorts for a climate like Akaroa.

There is also an olive tree in the German Bay garden which has not yet borne fruit—although brought along with the walnuts and vines, thereby proving conclusively that the French expected, as we did, to find New Zealand a warmer climate than it is.

The first fruit trees planted on the Plains were brought from Nelson by the late Messrs. Deans, in 1845. These were planted in the garden at Riccarton, and consisted of three leather-coat or russeting apples, one green-gage, one yellow gage, one purple Orleans, and one Damson plum, with two of Knight's monarch pears. This very good selection are the parents of a large number of the fruit trees in Canterbury. The varieties have, however, since been largely added to by importations from the other settlements and from England.

The first forest trees, consisting of beech, ash, oak and elm, were introduced by Mr. W. Guise Brittan; and soon afterwards a quantity were brought by the late Bishop-Designate,—Bishop Jackson, but soon after his arrival, he resolved on returning to England, and gave the trees to Mr. Deans, by whom they were planted in the shrubberies at Riccarton, and are now tolerably lofty trees, producing seeds in abundance, from whence young trees are being largely raised and planted, by which Riccarton will soon become possessed of plantations of valuable timber.

The first Kean's seedling strawberry, the only really productive and valuable variety which has yet been brought to the Province, was introduced by myself from Auckland, in 1851, to where it had first been imported from England, in 1849, by the Rev. Mr. Cotton. Prior to the arrival of this very important variety, strawberries had been deemed unproductive in New Zealand, and so reported of by the Auckland Horticultural Society; this, however, soon superseded the Chili and other unproductive kinds, and produced fruit in the greatest possible profusion.

I was also the first to introduce from Auckland the brilliant scarlet blossomed hawthorn, one of the very handsomest of all ornamental dwarf trees for a grass lawn. These are now numerous in the Province, and will soon become one of its most admired plants. The original tree, brought from Auckland, was supplied to Mr. Pritchard, and is now standing in Dr. Stodman's garden in Cranmer square. It blooms very profusely, and bears an abundance of haws every season. It is, however, a peculiarity in the scarlet thorn, that a hundred thousand plants might be raised from its own seed, and yet every one of these would only be the common milk-white thorn of the hedges. The scarlet blossomed thorn is a purely accidental variety, which can only be perpetuated by budding or grafting twigs of it upon stocks of the common thorn.

The merit of first introducing the pinaster fir-tree is fairly due to the Rev. G. Cotterill, who furnished, in 1852, a quantity of the seeds of this handsome evergreen timber tree to Messrs. Harman and Davis, who raised and distributed a large number of pinasters from a garden where Cookham House now stands, and close by which six of the original trees, about 20 feet high, still remain.

To Dr. Earle, of the Grange, and Dr. Barker, of Christchurch, jointly, are fairly due the credit of first raising and proving in Canterbury the exceeding value and rapid growth of the blue gum. Dr. Earle's plant, which was first, in point of time, by a month or two only, was first obtained in a very peculiar manner. He had bought from me some Van Diemen's Land onion seed, among the young plants from which there appeared a young plant supposed to be an English honeysuckle, which, at that early date, was greatly prized because of the scarcity of plants of a similar class; very soon, however, it became obvious that it was not a honeysuckle, but a robust growing forest tree of astonishingly rapid growth, soon attaining a height of some four or five feet. An Australian settler happening to see it, pronounced it at once to be the Van Diemen's Land blue gum, and intimated that, from its rapid growth, it would be a most useful and ornamental tree in New Zealand gardens. Some short time after, seeds of the plant were obtained from Australia, which were eagerly sought for, the prices being as high as 20 guineas a pound; in one instance that sum was paid for nine ounces.

Lombardy and black Italian poplars, which are scarcely less valuable from their extreme rapidity of growth, were first brought to this Province, from Wellington, by Mr. Henry Phillips and myself simultaneously. These were rapidly increased from cuttings, and early formed one of the most prominent features in and around Christchurch, thereby relieving our landscape in some small degree of its then dreary monotony, and surrounding our houses with the lively green foliage peculiar to English forest trees, which at that early period of the history of our province was deemed no inconsiderable addition to our limited comforts.

The poplar, however, and especially the black Italian poplar, is not merely valuable for the rapidity of its growth, for its shelter, and for its ornament, but it is still more valuable, from the character of its timber, which very speedily attains to a large size, yielding planks from four to five feet in width, of a yellowish colour, very easily wrought, and very enduring for all sorts of inside work, such as flooring, and possessing the yet further advantage that it is all but impossible for it to catch fire—for, although it may smoulder, it will not blaze; and it was for this particular security against accident from fire that it was selected, many years ago, for the flooring and other interior woodwork of the drawing rooms, dining rooms, and other rooms in the spacious mansion or castle of the distinguished scientific Earl of Rosse, at Parsonstown, in Ireland, and in many other mansions and houses throughout the United Kingdom.

The Portugal laurel and the common English laurel—two of our handsomest evergreens—were first introduced, in 1850, by Mr. William Guise Brittan, who brought them with him in a Wardian case from London, by one of the first four ships; these were the parents of a large proportion of the fine laurels now in and around Christchurch; for, although the original plants were lost through some mismanagement in their removal some years afterwards from Mr. Brittan's residence, where the Lyttelton hotel now stands, a quantity of cuttings had fortunately been taken from them prior to removal; these rooted and grew freely, and saved for us two of our noblest evergreens, which are now plentiful, and will hereafter be largely used in ornamenting our grass lawns, in filling our shrubbery borders, and in forming beautiful hedges, at once highly ornamental and well adapted for the purposes of affording very efficient shelter.

To the same gentleman Canterbury is indebted for the introduction of the beautiful *arbutus unedo*, or strawberry tree, which was brought from London in the same Wardian case along with the laurels. The *arbutus* is one of the handsomest of English evergreens, and is invariably accorded the most prominent

position on all English lawns, and in all judiciously planted shrubberies, because of its handsome foliage, its numerous bunches of beautiful flowers of a waxy whiteness, and still more especially so from its numerous bright scarlet berries, exactly like highly coloured strawberries, which are usually found on the tree in all stages of growth, from the newly formed bunch of green berries to the brilliant scarlet ripe fruit, which at once attracts the eye and calls forth unqualified admiration. The original tree is still growing in great beauty at Englefield, the former residence of Mr. W. G. Brittan, but now the property of Mr. J. Campbell Aikman. This tree is by far the finest specimen of its kind in New Zealand.

Another of our most beautiful flowering plants is the *clanthus puniceus*, or parrot's beak; this plant was first brought into the province from Auckland by myself, in 1851; one of the original plants is still growing and flowering in great beauty, trained up some ten feet high, in front of Mr. Slater's house, in Lichfield-street. It produces a great profusion of brilliant scarlet bloom, which contrasts handsomely with its lively green foliage. Trained against a wall, or on an espalier rail, in the form of a hedge, closely trimmed in, it has a most gorgeous appearance when in bloom. It was, from a very early period of the history of the colony, found growing in wild profusion on the island of Kawai, a small island some 30 miles north of Auckland, from whence copper ore has, for many years, been exported in tolerable abundance. It is, however, very questionable whether this handsome plant can be claimed as indigenous, for although generally believed to be so, yet the colour of its flowers and the lively green of its leaves are entirely unlike the general character of New Zealand vegetation.

Amongst highly ornamental evergreens introduced from England there is none more deserving of our admiration than the *rhododendron*, one of our noblest evergreens, possessing a handsome foliage, and yielding annually a brilliant display of splendid bloom in all shades of colour, from the purple "ponticum" to the white "maximum," or the brilliant scarlet "alto clarence," well suited for plant stove-forcing in winter to ornament the greenhouse in very early spring with their beautiful bloom, which can be readily prolonged throughout a great portion of the summer if the plants be judiciously introduced by consecutive instalments, which have been less or more submitted to the well-known process of retardation. For the first introduction of this handsome evergreen the thanks of the province are due to Mr. Thomas Potts, of Governor's Bay, the Vice-President of this Society, who, in 1853, immediately before his own arrival, sent out two Wardian cases filled with *rhododendrons* in excellent health, and embracing many of the more beautiful varieties. These were originally planted in the garden of the Rev. Henry Jacobs, from where they were afterwards removed to Rockwood, and are now large, handsome bushes, under the skilful care of Mr. Henry Phillips.

Next amongst ornamental plants—handsome alike in foliage and in flower, and fondly esteemed because of the recollection of its home associations—is the *ribes sanguinea*, or scarlet flowering currant, which I had the honor of introducing into this province from Auckland, in 1851, while it was yet a great favour even there to secure this well known plant at a high price. It is now abundant amongst us, and greatly enlivens our shrubberies in early summer with its beautiful crimson blossoms.

It was at this time also that the handsome climbing plant, known by the name of the *dolichos lignosis*, a leguminous plant, with papilionaceous flowers of a pretty pink and white colour, well suited for covering the columns of verandahs, for which purpose it is largely used in Auckland, but here it was found to be too tender to survive the then severe winters; its cultivation is consequently confined to cold frames or greenhouses. Now, however, that the climate is so much improved, and the winters much milder, its acclimatization may yet be effected, with a little protection afforded during the months of June and July of the first winter. The same remarks and mode of treatment are equally applicable to the *passiflora edulis*, one of the passion flowers, which produces in Auckland a profusion of eatable fruit of a most peculiar flavour, with broad glossy green leaves, and well suited for the purposes of an ornamental climbing plant.

Another timber tree of considerable importance for the interests of the province was introduced by myself, in 1854; it is the *salix alba*, or Huntingdon willow. I had made several previous unsuccessful attempts to introduce this valuable tree, but at last succeeded in getting out from London three live plants in a glazed Wardian case, which had contained several varieties of poplars, a quantity of the dwarf edging box, and some roots of the lily-of-the-valley. The glass of the case, however, had been accidentally broken on the voyage, the sea had swept the deck and filled the case with salt water, and on arrival all the plants were dead except three Huntingdon willows, and the roots of the lily-of-the-valley. The three willows propagated very rapidly, and are now abundant in nurseries, and will soon become extensively planted, for it grows with great rapidity, and soon attains a height of from 40 to 60 feet, producing planks of from three to four feet in diameter, of a remarkably light timber, and so white that it is used for the purposes of inlaying in cabinet work; and because of the same qualities of lightness and whiteness, it is still more largely used in the dairy for such purposes as milk pans, milking pails, and skimming cups. It is also used to a considerable extent as handles for reaping hooks and sickles, in nibs for scythes, and even for scythe handles, and many other purposes of utility.

I have here referred to the lily-of-the-valley. I am fairly bound, however, to say this was not the first period of its introduction. I believe the merit of first bringing to Canterbury, and successfully cultivating this, the most graceful and fragrant of all our beautiful spring flowers, is due to the Rev. William Aylmer, of Akaroa, who brought it with him from Ireland, in 1851, along with a deep crimson rose, well suited for the columns of a verandah, and some other English plants, of which he was the successful introducer. The lily-of-the-valley is now growing in full perfection in his very beautiful grounds at Akaroa, producing annually a profusion of its lovely white blossoms partially hid amongst its handsome green leaves, and endeared to us not less by its beauty and fragrance than by its numerous pleasing home associations.

The whole of the beautiful large hollies in the garden of Mr. Gould, and in numerous other gardens in and around Christchurch, as well as the handsome holly hedges in Colombo-street north, and around the Christchurch Club, were all raised by myself from holly berries collected by school children in the south of Devonshire in 1851; many of these hollies are now from seven to nine feet high, and are producing an abundance of berries, from which plants are being raised in considerable quantities, so that this very handsome evergreen will soon become sufficiently numerous to occupy a position in every shrubbery, or to form handsome specimen plants on every grass lawn, for which its pyramidal form, its dark green leaves, contrasted with a profusion of beautiful coral berries, so eminently adapts it.

After alluding to some pretty specimens of plants supplied for the inspection of the audience by Messrs. Hislop, Potts, and Armstrong, the lecturer concluded by describing some plants which we had in our turn supplied to England, from whence we had derived so many fruits and flowers, mentioning, amongst others, some of the native ferns and a species of ranunculus—the *ranunculus traversii* (so called in honour of Mr. Travers), which he said now commanded a high price at home, and also the handsome leaved *dracaena indivisa*, found growing on the Peninsula. He, the lecturer, had sent to London a large packet of the seed, from which two thousand plants of this *dracaena* were raised and sold readily as an ornamental foliaged plant, at from four to five guineas a plant. To the late Archdeacon Mathias was due the credit of first forming those gorse hedges which proved both useful and ornamental—useful in sheltering the plants in the gardens, and ornamental from their luxuriant blossoms and growth. He urged upon the gardening portion of his audience to come forward in their turn, and to give their views, either in lectures or essays, upon the subject of horticulture, as there were many points upon which practical gardeners could give hints of great value. An unanimous vote of thanks to Mr. Wilson and the chairman terminated the proceedings. The audience, which was not a very numerous one, manifested great interest in the lecture.

PORT REGULATIONS. PROVINCE OF CANTERBURY.

The following Rules are enforced by order in Council, dated the 16th of August, 1864:—

1. Nothing contained in these Regulations shall be deemed to apply to any ship, boat, or gunpowder, the property of her Majesty, nor to any ship of war of any foreign nation, nor to any gunpowder in charge of the Government of the colony.
2. The Master, or person in charge of any vessel from other than New Zealand ports, shall, when entering any port in the Province of Canterbury, hoist, and keep flying, a blue flag at the mainmast head, until the vessel has been boarded and cleared by the Health Officer.
3. Vessels merely calling at New Zealand ports, on their way to a port in the said province of Canterbury, but bringing goods or passengers from other than New Zealand ports, come under the foregoing rule.
4. The Pilot, Master, or other person in charge of any vessel entering, departing from, or within any port, shall, by every means in his power consistent with the safety of such vessel, assist every duly authorised public officer in boarding or leaving such vessel, and no person on board of such vessel shall interfere with or obstruct any government officer or pilot whilst carrying out his duties.
5. Every vessel entering any port must, as it approaches the signal station, hoist the vessel's number or distinguishing flag.
6. Harbour Master's Fees may be levied for every service performed by a Harbour Master under the said Act or under these Regulations at the rate of one penny per ton of the vessel in respect of which the service is performed.
7. Vessels employed in the coasting trade are exempt from shifting fees from one part of the harbour to another; but should the services of the Harbour Master or his assistant be required, the fee of one penny per ton register shall be paid each time such service is required.
8. All boats alongside of vessels or jetties shall give way to Government boats on duty.
9. No Waterman or other person in charge of any boat shall go alongside, or board, or suffer or permit any person to board, any vessel arriving at port from beyond sea, until such vessel is secured by at least one anchor, nor before she has been cleared by the Health Officer; and any person offending against this regulation shall forfeit a sum not exceeding five pounds.
10. After the clearance has been delivered to the Master of any vessel outward bound, no passenger shall be taken on board.
11. All complaints against any person connected with the Harbour Department must be made, in writing, to the Port Officer for the Province.

HARBOUR REGULATIONS.

12. All vessels moored or at anchor are to have both cables clear, and in readiness to slack away when required; and in default thereof, the Master shall forfeit and pay a sum not exceeding ten pounds.
13. All vessels are to have buoys and sufficient buoy ropes to their anchors, to show their position, and to exhibit at some conspicuous place, twenty feet above the deck, a bright light from dark to daylight; and in default thereof, the Master shall forfeit and pay a sum not exceeding ten pounds.
14. Any anchor, kedge, or cable slipped or cut, if not weighed within twenty four hours, may be weighed by order of the Harbour Master or pilot, at the risk of, and expense of the owner; and when no buoy or rope has been attached, the anchor, kedge, or cable shall be forfeited.
15. After a vessel has been unloaded and properly ballasted, it will be at the option of the Harbour Master to move her out clear of the shipping, to make room for vessels requiring berths to unload; and if there shall not be on board any vessel which has been unloaded sufficient men, or ballast, or requisite tackle to enable her to be removed, the Harbour Master or Pilot may move such vessel at the expense and risk of the owner thereof.
16. Any person obstructing or impeding the navigation of any channel, river, inlet, or creek, or obstructing any landing place by placing a vessel, cable, boat, warp, or other article in the way, shall be liable to a penalty not exceeding ten pounds; and in case any person causing such obstruction or impediment will not remove or cause to be removed the same, when ordered by the Harbour Master or Pilot, the Harbour Master or pilot may cast off or cut any such obstruction.
17. The owner or part owner in, or the commander of any vessel or boat which has been sunk, stranded, or run on shore, or the owner of any baulk of timber, or other bulky article which is in the water, who does not clear the harbour of such vessel or boat, or remove such baulk of timber, or other bulky article, on being required so to do, by notice, in writing, under the hand of the Harbour Master or of any Justice of the Peace, within such reasonable time as may be mentioned for the purpose in such notice, shall, for every such offence, forfeit a penalty not exceeding ten pounds.

18. Any Justice, upon the complaint of the Harbour Master or any other person, may issue his warrant for the clearing of the harbour, or removing of such sunk or stranded vessel or boat, baulk of timber, or other bulky article, in such manner as such Justice shall direct, and for causing such vessel or boat, baulk of timber, or other bulky article to be sold, and out of the money arising from such sale, may pay the charges of such clearing or removal, as the case may be, paying the surplus to the Harbour Master, to be accounted for by him.

19. Whenever a vessel, not employed in coasting only, arrives within the harbour, the Harbour Master shall appoint the place where she is to cast anchor or be moored; and as often as the Master of any vessel is desirous of moving her from one place of anchorage to another, he shall notify, in writing, such his desire to the Harbour Master, who shall thereupon, unless he sees sufficient reason to the contrary, direct the removal accordingly.

20. In the performance of any such service by the Harbour Master, the Master of the vessel and the crew thereof are required to give and afford to such Harbour Master all possible aid and assistance to effect the same; and in effecting any such service, or any other service in the execution of his duty, the Harbour Master is empowered to make fast and attach any rope or other tackle to any other vessel, and if there is no crew of the vessel to be moved, or the crew thereof refuse or fail to aid and assist as aforesaid, or if the crew, or tackle, or quantity of ballast on board such vessel is not sufficient to enable the Harbour Master to effect such removal, he is empowered to hire and employ such other assistance and tackle, and to purchase and put on board such vessel such other quantity of ballast as to him seems requisite, at the cost or charges of the Master or owner of such vessel, and such cost and charges such Master or owner is required to pay to the Harbour Master, to be accounted for as aforesaid; and if any person, without the consent and authority of the Harbour Master, cuts or casts off any such rope or tackle, so made fast and attached to any other vessel as aforesaid, or in any other manner infringes this regulation, such person shall forfeit a penalty not exceeding twenty pounds.

21. All vessels must unshot their guns immediately after entering any port or harbour, and no guns or firearms are to be discharged, or blue lights, rockets, or other combustibles burned or discharged from any ship, vessel, or boat (except from mail steamers announcing their arrival or departure) unless permission, in writing, has been obtained from the Harbour Master, except only when urgent assistance is required, under a penalty of five pounds.

22. All ships and vessels under 400 tons, at anchor, are required to be provided with fire-buckets in the proportion of four to every hundred tons, and two for every additional hundred tons, one half of which are to be constantly hung up in some convenient place, with lanyards attached, ready for drawing water.

23. In the event of the death of any person on board of any vessel in port, the Master of such vessel is to cause the body to be buried on shore, previously reporting the particulars to the Police.

24. The master, or person in charge of any ship or vessel, with the undermentioned exceptions, shall at all times in port, as well by day as by night, have at least one seaman in charge of the deck of such ship or vessel; and the person having such charge, and all persons having the charge of or being on board of any boat within any port, shall answer to the challenge of the Water Police, or other duly authorised public officer. Vessels laid up, coal hulks, ballast or other lighters, lying in such limits as the Harbour Master may authorise them to occupy, are exempt from the foregoing regulation.

25. Masters requiring to careen, heave down, or haul their vessels on shore for the purpose of inspection, or repairs must apply to the Harbour Master of the port for permission, except when such work is proposed to be done on private property.

26. Accidents involving personal injury, loss of life or property from loss or collision of vessels or boats, are to be reported, in writing, by the person in charge to the nearest Harbour Master and principal Officer of Customs as soon as possible.

27. All Masters, Pilots, or other persons in charge of vessels, are immediately to strike their top-gallant yards and masts, to have their jib, spanker, and all other booms rigged close in, top up, and brace fore and aft all yards, and moor and clear hawse when called upon by the Harbour Master, or person deputed by him, and are generally to follow such directions as the weather, the crowded condition of the port, or other circumstances may render necessary or expedient in the judgment of the Harbour Master, with a view to the safety and interest of the whole shipping.

28. No rubbish or filth is to be landed on any lands belonging to the Crown, except in such places as the Harbour Master may point out, under a penalty of five pounds, to be paid by any person landing such rubbish or filth.

29. No ballast, rubbish, gravel, earth, stones, earthenware, glass, or filth is to be thrown overboard from any vessel or boat, but is to be landed and placed where the Harbour Master may direct; and no gravel, earth, stones, earthenware, glass bottles, filth, or rubbish, is to be placed by any other means at any place below the high water mark within the harbour; and proper tarpaulins are to be used in discharging or taking in ballast, coals, rubbish, gravel, earth, or filth of any kind, so as to prevent any part thereof falling into the harbour; and any person who shall offend against any of the provisions of this regulation shall be liable to a penalty not exceeding twenty pounds.

30. No pitch, tar, resin, or other combustible matter shall be lighted or heated on board of any vessel

or boat while lying alongside or near any vessel in the harbour; and any person who shall offend against this regulation shall be liable to a penalty not exceeding twenty pounds.

31. No wreck is to be left in any part of the harbour, but must be conveyed on shore above high water mark; and if any wreck is so left, the owner thereof shall be liable to a penalty not exceeding twenty pounds.

32. Any person throwing a dead animal into the harbour, or placing any dead animal below high water mark, within the limits of the anchorage, shall be liable to a penalty not exceeding five pounds, and an additional penalty of one pound for every day during which any such animal remains in the harbour, or below high water mark, or buried on the beach above high water mark. Provided that no such penalty and additional penalty shall together exceed the sum of twenty pounds.

33. No ballast, shingle, stone, or shells, or any part of the soil, shall be removed from any land of the Crown without the permission of the Harbour Master, under a penalty of five pounds.

GUNPOWDER.

34. The Master of every vessel arriving with gunpowder on board exceeding the quantity necessary as ship's stores, shall give immediate notice thereof to the Pilot on his boarding the vessel, and if none, to the Harbour Master, and shall land the same at the powder magazine before anchoring at the usual anchorage ground.

35. No gunpowder is to be either received or issued by the Keeper of the Magazine, except between the hours of seven in the morning and five in the afternoon.

36. The Master of every vessel shall cause all gunpowder to be conveyed to the magazine immediately after its being landed, or forfeit a sum not exceeding ten pounds.

37. All gunpowder so landed must be packed in barrels, containing not more than one hundred weight, closely joined and hooped, without any iron about the packages, and so secured that no portion of the gunpowder be in danger of being scattered in the passage; and any person offending against this regulation shall incur a penalty of any sum not exceeding ten pounds.

38. All boats used for the conveyance of gunpowder to or from vessels are to be provided with tarpaulins, and to be properly housed over, and to have a red flag flying when powder is on board.

39. No fire or light is to be burning on board of any vessel or boat during the time gunpowder is being discharged from, or taken on board of, such vessel or boat.

MAIL VESSELS.

40. All vessels having Mails on board for the Province of Canterbury are, on approaching the anchorage, to hoist a white flag at the foremast head, which flag must be kept up until the Mails are taken out of the vessel.

STEAMERS.

41. Every steam-vessel, when navigating any narrow channel, shall, whenever it is safe and practicable keep to that side of the fair-way, or mid-channel, which lies on the starboard side of such steam-ship.

42. Steamers, when steering the same course inside the bar or entrance of any river or harbour, or in any narrow channel, either with or without vessels in tow, and are overtaking the other, the vessel gained upon is to slack her speed until the other has passed her.

43. Steamers at all times, when under weigh within any port, must have, in addition to the helmsman, a competent person on the bridge, in charge of the vessel, and also a competent person in charge of and attending to the engine. The utmost care must be taken by the person or persons in charge to prevent accidents to other vessels and boats.

44. Steamers shall not proceed at more than six miles per hour whilst navigating amongst the shipping of any port, and if entering or leaving after dark, must sound the bell or steam-whistle constantly.

SIGNALS

to be made from all vessels in harbour when the following are required:—

- Sea Pilot—Union Jack at the fore.
- Police Boat—Ensign at the main.
- Police Boat, at night—Two vertical lights at the peak, four feet between each.
- Customs' Boat—Union Jack at the peak end.
- Medical Assistance—Union Jack over the Ensign at the peak end.

WATERMENS' REGULATIONS.

PORT OF LYTTTELTON.

The following have been officially notified under date the 22nd October, 1864:—

1. The following Regulations shall be in force in the Port of Lyttelton, on and after the 26th day of October, 1864.
2. All carters, porters, and watermen engaged upon the public wharfs shall be under the control of the Port Officer.
3. Every waterman shall, upon payment of one pound sterling, in respect of every boat to be plied by him, receive a license, to be renewed on the 1st July in each year.
4. Any boatman carrying passengers for hire, without a license, shall be liable to a fine not exceeding five pounds.
5. No boat shall be allowed to remain at any landing place after discharging her cargo and passengers, or to make fast to any steps or handrails belonging thereto, without some person in charge ready to remove the said boat when required to do so by the Port Officer, or person deputed by him.
6. A board, exhibiting the charges authorised to be made between sunrise and sunset, shall be placed near the landing-place. After sunset, and when the blue flag shall be hoisted half-mast by the Harbour Master, or person deputed by him, denoting bad weather, double fares can be demanded by watermen.
7. Any boatman resisting, impeding, or obstructing the Harbour Master, Pilot, or other person deputed by either of them, in the execution of his duty, or using threatening or abusive language to them, or any of them, shall forfeit and pay a sum not exceeding fifty pounds.
8. The number of passengers allowed to be carried in any boat shall be specified in the license, and shall be legibly painted on some conspicuous part of the boat in respect of which such license is issued, and any boatman conveying a larger number of passengers, or a greater quantity of luggage, than is allowed in his license, shall forfeit and pay a sum not exceeding five pounds.

9. The authorised fares shall be as follows:—

From any wharf or jetty to the steamers, single fare, to or from	s. D.
From any wharf or jetty to any place, or to any vessel other than steamers, lying within a space bounded on the east by a line drawn from Stoddart's to Sticking Point, and on the west by a line drawn from Naval Point to the eastern point of Church Bay	1 3
From any wharf or jetty to Church Bay	s. D.
From any wharf or jetty to Church Bay	2 0
" " Gollan's Bay	6 0
" " Rhodes' Bay, one passenger	4 6
" " Rhodes' Bay, two or more, each	5 0
" " Quarantine Station, one passenger	2 6
" " Quarantine Station, two or more, each	20 0
To the Heads, or head of the Bay, as per agreement.	10 0

Return fares will be allowed at the same rate in each case.

10. Each boat shall carry, if required, 8 lbs. weight of luggage with every passenger, without additional charge; and any passenger detaining a boat for a period exceeding twenty minutes shall be liable to an extra charge at the rate of four shillings per hour.
11. All ballast lighters, cargo and water-tank boats plying for hire shall be measured, marked, and registered, and upon payment of three shillings per ton register shall receive a license, to be renewed on the 1st July in each year.
12. Any person holding a license for a cargo boat who shall load the same in excess of the quantity allowed to be carried in accordance with his license, shall forfeit his license, and be liable to a penalty of five pounds.
13. Any boatman charging more than the authorised rates or fares, or refusing to employ his boat when required to do so, shall be liable to forfeit his license, and to pay a penalty of five pounds.

PORT REGULATIONS.

PROVINCE OF OTAGO.

GENERAL RULES.

1. Nothing contained in these Regulations shall be deemed to apply to any ship, boat, or gunpowder, the property of her Majesty; nor to any ship of war of any foreign nation, nor to any gunpowder in charge of the Government of the colony.
2. Harbour Masters' Fees may be levied for any service performed by a Harbour Master under the said Act or under these Regulations, at the rate of one penny per ton of the vessel in respect of which the service is performed.
3. All vessels having Mails on board are, on approaching the anchorage, to hoist a white flag at the fore-mast-head, and to keep the same flying until the Mails are taken out of the vessel.
4. The Master of every vessel shall anchor or moor where the Harbour Master may direct, and he shall not unmoor or quit the anchorage until notice be given, in writing, at the Harbour Master's office; and any Master offending against this regulation shall forfeit a sum not exceeding five pounds.
5. All vessels must have buoys and buoy ropes to their anchors, to show their position, and must hoist a conspicuous light at their peak end, and keep the same burning from sunset to sunrise. Any Master offending against this regulation shall forfeit a sum not exceeding ten pounds.
6. All vessels moored or at anchor are to have both cables clear, and in readiness to slack away when required, and any Master offending against this regulation shall forfeit a sum not exceeding ten pounds.
7. No boat shall go within fifty yards, nor shall any person go on board of any vessel entering any port, except those duly authorised by, and such Reporters for the press as hold a written authority from Government; nor shall any person quit the vessel so entering any port before the same is properly secured at her anchorage, and has been declared free by the Immigration or other proper Officer, under a penalty not exceeding ten pounds.
8. All vessels are to unshot their guns before they anchor, and no guns or fire-arms, except in self-defence, or in cases of distress, or mail steamers announcing their arrival or departure, are to be discharged from any vessel or from any boat unless permission, in writing, has been obtained from the Harbour Master; and any person who shall offend against this regulation (including, as well, any sportsman, or any other offender) shall be liable to a penalty not exceeding five pounds.
9. All Masters or other persons in charge of vessels are immediately to strike their top-gallant-yards and masts, to have their jib and spanker booms rigged close in, and moor or clear hawse, when called upon by the Harbour Master or other competent authority to do so, and are generally to follow such directions as the state of the weather, the crowded condition of the port or river, or other circumstances may render necessary or expedient in the judgment of the Harbour Master, with a view to the safety and interest of the whole shipping.
10. All Masters of vessels exceeding one hundred tons burthen lying in the harbour shall cause a sufficient guard or watch, to be kept on deck, both by day and night—of one man if the vessel is under three hundred tons; and of two men, if over three hundred tons burthen; all other descriptions of decked vessels must have at least one man on board by day and by night, under a penalty not exceeding five pounds.
11. No pitch, tar, resin, or other combustible matter shall be lighted or heated on board any vessel or boat whilst lying alongside, or near any vessel in the harbour; and any person who shall offend against this regulation shall be liable to a penalty not exceeding twenty pounds.
12. Any anchor or kedge slipped, parted, or cut from, if not weighed within twenty-four hours, may be weighed by order of the Harbour Master at the risk and expense of the owner, and when no buoy has been attached the anchor or kedge, shall be forfeited.
13. No wreck is to be left in any part of the harbour, but must be conveyed on shore above high water mark, and any wreck so left, after notice given by the Harbour Master for the removal of such wreck, may be removed by order of the Harbour Master, at the risk and expense of the owner, who shall be further liable to a penalty not exceeding twenty pounds.
14. The owner, or part owner in, or the commander of any vessel or boat which has been sunk, stranded, or run on shore; or the owner of any baulk of timber or other bulky article which is in the water, who does not clear the harbour of such vessel or boat, or remove such baulk of timber, or other bulky article upon being required so to do by notice, in writing, under the hand of the Harbour Master or any Justice of the Peace, within such reasonable time as may be mentioned for the purpose in such notice, shall, for every such offence, be liable to a penalty not exceeding ten pounds; and any Justice, upon the complaint of the Harbour Master or any other person, may issue his warrant for the clearing of the harbour or removing of such vessel, boat, baulk of timber, or other bulky article, in such manner as such Justice shall direct, and for causing such vessel, or boat, baulk of timber, or other bulky article, to be sold, and out of the money arising from such sale, may pay the charges of such clearing or removal, as the case may be, paying the surplus to the Harbour Master, to be accounted for by him.

15. Any person drowning any animal in, or throwing a dead animal into the harbour, or placing any dead animal below high water mark, shall be liable to a penalty not exceeding five pounds, and to an additional penalty of one pound per day during which such animal remains in the harbour, or below high water mark, provided that no such penalty shall together exceed the sum of twenty pounds.

16. It shall be competent at any time for the Harbour Master, or a person deputed by him, to order any ship, lighter, boat, or timber to be removed from or to any part of the harbour whenever such removal shall, in his opinion, for the general accommodation of the shipping, be proper. And any person who shall fail to obey such order, or otherwise offend against this regulation, shall be liable to a penalty not exceeding ten pounds.

17. No vessel, not being a mail steamer, shall be unmoored on Sunday from her anchorage, and no work is to be done on board any vessel in harbour on Sundays (except such as may be necessary for the cleanliness and safety of the vessel), without the express permission, in writing, of the Harbour Master, under a penalty not exceeding ten pounds.

BALLAST.

18. No rubbish or filth is to be landed on any lands belonging to the Crown, except in such places as the Harbour Master may point out, and any person offending against this regulation shall incur a penalty not exceeding five pounds.

19. No ballast, rubbish, gravel, earth, stone, or filth is to be thrown into the harbour, but is to be deposited at any place the Harbour Master may direct, and any person offending against this regulation shall incur a penalty not exceeding twenty pounds.

20. Any person removing shingles, stone, or any part of the soil below high water mark, without permission from the Harbour Master, or in the absence of the Harbour Master, a Resident Magistrate, shall forfeit a sum not exceeding ten pounds.

21. Proper tarpaulins are to be used in discharging or taking in ballast, coals, rubbish, gravel, earth, or filth, so as effectually to prevent any part thereof falling overboard, and no ballast is to be taken on board or discharged from any vessel after dusk, under a penalty not exceeding five pounds.

LIGHTERS AND BOATS.

22. No lighter or boat, when detained, shall anchor in the channel between Acheron Head and the Quarantine Island, nor in the middle of any fair-way, but shall anchor within the bays abreast of the aforesaid channel, and close over on either side of any fair-way, under a penalty not exceeding five pounds.

23. The Harbour Master, or any deputy of the Harbour Master, is empowered to take such means, and to give such orders and direction, as he may deem necessary, for the purpose of preventing risk or accident, confusion or overcrowding of boats alongside of vessels; and any person wilfully disobeying any orders so given as aforesaid, shall be liable to a penalty not exceeding five pounds.

PENAL HULK.

24. No vessel or boat is to pass between the hulk "Thomas and Henry," and the line of buoys moored round that vessel; all persons in charge of boats or vessels passing near the said hulk are to answer the sentries' challenge; any persons offending against this regulation shall incur a penalty of any sum not exceeding twenty pounds.

GUNPOWDER.

25. The Master of every vessel arriving with gunpowder on board, exceeding fifty pounds in weight, shall give immediate notice thereof to the Pilot, on his boarding the vessel, and shall land the same at the Powder Magazine, under the supervision of the Harbour Master or other competent authority, before anchoring at the usual anchorage ground, or forfeit a sum not exceeding twenty pounds.

26. No gunpowder is to be either received or issued by the Keeper of the Magazine, except between the hours of seven in the morning and five in the afternoon.

27. The Master of every vessel shall cause all gunpowder to be conveyed to the Magazine immediately after its being landed, or forfeit a sum not exceeding ten pounds.

28. All gunpowder so landed shall be packed in barrels containing not more than one hundred weight each, closely joined and hooped without any iron about the packages, and so secure that no portion of the gunpowder be in danger of being scattered in the passage, and any person offending against this regulation shall incur a penalty of any sum not exceeding ten pounds.

RULES TO BE OBSERVED BY VESSELS PASSING EACH OTHER.

29. Whenever any vessel proceeding in one direction meets a vessel proceeding in another direction, and a Master or other person having charge of either such vessel perceives that if both vessels continue their respective courses they will pass so near as to involve a risk of collision, he shall put up the helm of his vessel to port, so as to pass on the port side of the other vessel, due regard being had to the tide, and to the position of each vessel with respect to the dangers of the channel, and as regards sailing vessels, to the

keeping of each vessel under command; and the Master of any steam-vessel navigating any river or narrow channel shall keep, as far as is practicable, to that side of the fair-way or mid-channel thereof which lies on the starboard side of such vessel.

30. Steam-vessels shall not proceed at more than half speed whilst navigating any of the harbours, rivers, or lakes of Otago, between the hours of sunset and sunrise, and shall continue the sounding of a steam-whistle or the ringing of a bell, and any person offending against this regulation shall be liable to a penalty not exceeding twenty pounds.

31. Steamers, when steering the same course in the river or harbour, either with or without vessels in tow, and one overtaking the other, the vessel gained upon shall slack her speed, if practicable, until the other has passed her.

32. When steamers having vessels in tow are steering opposite courses, the steamer bound up the river shall, before meeting the vessel coming down the river, slack her speed, when practicable, until the other has passed her.

33. Steam-vessels, when passing or near to sailing vessels, are always to be considered in the light of vessels navigating with a fair wind.

34. Steamers shall, on nearing any vessel aground, slack their speed until safely passed.

35. Steamers at all times, when under weigh, must have a responsible person on the bridge to look out.

36. No lower square-sails shall be set of any steamer whilst navigating amongst the shipping.

37. Sailing vessels and ships, having the wind fair, shall give way to ships on a wind.

38. When two ships are going by the wind, the ship on the starboard tack shall keep her wind, and the one on the port tack bear up, thereby passing each other on the port hand.

39. When two ships have the wind large, or a-beam, and meet, they shall pass each other in the same way, on the port hand, the helm of each being put a-port.

40. The Master, or any other person having charge of any vessel, neglecting to observe the rules herein laid down for vessels passing each other, or either of them, shall, for every such offence, be liable to a penalty not exceeding twenty pounds.

MISCELLANEOUS RULES.

41. No steamer shall tow any vessel in, nor shall any vessel enter the Cross-Channel (Upper Harbour), unless there be (as shown by the Tide Signals) six inches more water in the channel than such vessel's draught of water.

42. All Masters, or other persons in charge of river-going steam-vessels plying to or from any wharf shall, immediately upon fixing the hours of sailing of such vessels, intimate the same to the Harbour Master, and shall depart punctually at the times of sailing so announced; excepting always in cases of accident actually happening to the vessels or machinery, or other unforeseen impediment occurring.

43. Steamers about to pass any dredging machine at work in any river or channel, or any licensed ferry, or public work in progress, must slow their engines to less than half-speed for at least one hundred yards before arriving abreast of the dredge, ferry, or work.

44. All persons transgressing any of the foregoing Miscellaneous Rules, shall, for each offence, be liable to a penalty not exceeding ten pounds.

SIGNALS AT THE FLAGSTAFF.

OTAGO HEADS.

Blue Peter—Keep to sea: the bar is not fit to take.
 Red Flag—Take the bar; there is no danger.
 Blue, with white St. Andrew's Cross—Ebb tide.
 White Flag, half-mast high—First quarter flood.
 White Flag, at the mast-head—Second quarter flood.
 Red Flag, half-mast high—Third quarter flood.
 Red Flag, at the mast-head—Last quarter flood.

The following Signals are in use at the Port:—

Pilot—The Union Jack at the fore.
 Customs' Boat—The Union Jack at the peak.
 Gunpowder on Board—The Union Jack at the main.
 Medical Assistance—The Union Jack over the Ensign at the peak.
 Government Immigrants on Board—Ensign at the mizen-mast head.
 Mails on Board—White Flag at the fore.
 Boarding Officer—Blue flag at the main.
 Clearing Officer—White flag at the main.
 Police—The Ensign at the main.
 Ditto at night—Two lights vertical at the peak, having five feet between the two.

TIDE SIGNALS FOR THE UPPER HARBOUR.

Marryat's Numerals will be hoisted on the East yard-arm at the Flagstaff, Port Chalmers, to denote the height of the tide during flood in the cross-channel.

LIGHT DUES.

THE following Light-house Rates, payable at the Port of Wellington, have been fixed by order of the Marine Board, under the Marine Board Act, 1863, and supersede all previous rates:—

For all vessels from Europe or any other port beyond the Australasian colonies, per register ton, 9d. (ninepence).

All vessels from the Australian colonies, or Tasmania, per register ton, 6d. (sixpence).

For every steam or sailing vessel, employed in the coasting trade, per register ton, 2d. (two pence).

The above dues shall be levied on entering inwards only, and payable on and after the date of the Marine Board Act, 1863, coming into force.

CHARLES SHARP,
President and Master Warden.

WRECKS.

THE following instructions for the guidance and information of Customs' Officers, Magistrates, and others, with respect to investigations into cases of wreck occurring on the New Zealand coast, have been issued by authority.

I. DUTIES OF CUSTOMS' OFFICERS, &C.

1. Any Customs' Officer, or other person authorised by the Act, who shall apply (§ 7) to a Resident Magistrate, or two Justices, to hear any case in reference to the wreck of any vessel shall make such application in writing, stating therein the particulars of the case in respect of which such investigation is required.

2. The Customs' Officer, or other person authorised, shall, before the commencement of the investigation furnish a copy of such application to each of the Master, Mate and Engineer of the wrecked vessel.

3. The Customs' Officer, or other authorised person, shall superintend the management of the case: the investigation (§ 9).

4. Should the Court be of opinion that any person connected with the wreck should be prosecuted criminally, the Customs' Officer, or other authorised person, should lay an information and prosecute in the usual way.

DUTIES OF MAGISTRATES.

1. Having taken evidence, the Magistrate or Justices, shall, in all cases, prepare a report to the Governor, containing a full statement (1) of the case, and (2) of their opinion thereon such report, (3) to be signed by the Magistrate or Justices, and (4) by the Nautical Assessor, if there be one and he concurs, (5) and to be forwarded to the Governor through the Postmaster-General, (6) together with the whole of or such extracts from the evidence as the Court shall think necessary (§ 9 and 10). Should the nautical assessor not concur in the report, he should forward his dissent and reasons therefore, to the Governor (§ 10).

2. The Court has power, provisional on the Governor's confirmation, to cancel or suspend the certificate of any Master, Mate or Engineer, and in any case in which it may be considered proper so to cancel or suspend a certificate, the Court should,—

1. Take care that a Nautical Assessor sits with the Court.

2. Call on such Master, Mate or Engineer, to deliver up his certificate, which, under § 14 of the "Merchant Shipping Act Amendment Act, 1862," he is bound to do.

3. State in open Court their decision, provisional on Governor's confirmation, in respect to cancelling or suspending the certificate. (Merchant Shipping Act, 1862, § 23, par. 3.)

4. State, in their report to the Governor, the fact of a copy of the statement of the case upon which the investigation was ordered having been furnished to the owner of the certificate before the commencement of the investigation. (Merchant Shipping Act, 1862, § 23, par. 6.)

5. See that the Assessor concurs in the report, and signs it as so concurring. (*Ibid.*)

6. Transmit the report, with the whole evidence taken, and the cancelled or suspended certificate, to the Governor through the Postmaster-General, for confirmation and transmission to the Board of Trade. (*Ibid.*, par. 3.)

STEWART'S ISLAND.

THE following report, by the Chief Surveyor of Southland, contains the most recent account of this island:—

SIR,—I proceeded, on the 26th ult., to explore Stewart's Island, with a view to obtain some general knowledge of the character of the land on it, and to ascertain what steps it would be necessary to take for the survey of the whole or portions of it.

For these purposes I went round the Island in a boat, landing at a great many points and striking inland, and ascending the hills wherever the extremely difficult character of the country permitted. The broken and irregular outline of the shore, and the many islands which fringe it, afford boat harbours on almost every part of the coast, which greatly facilitate such an excursion, though the great strength of the tides, and the prevalence of westerly gales, cause such a heavy sea off the salient points, especially off the Southern Capes, as to make it hazardous, except in a very good boat, and with skilful management.

The whole island consists of primary rocks, felspar being by far the predominant material. Some of the hills of the interior I found to consist of granite (in one case, a singularly beautiful red syenitic granite), and the hills generally have the conical form and boldly rounded outlines common to the granite hills of Europe; but near the coast large dykes occur, of almost pure felspar, intersected by veins of quartz, and with a few small crystals only of mica and hornblende thinly scattered through it. In some parts, especially in the south, mica and talc abound so much that it might be called talcose rock.

Rocks of this character are by no means unlikely to yield gold. Everywhere I found embedded in the felspar minute crystals of zircon, and the sands contained titanate of iron and a number of small green gems, which from their form, and from their having a specific gravity much greater than that of quartz, I take to be euclase.

As might be expected, the decomposition of these rocks gives rise to a very fertile soil, and everywhere the surface is covered with a dense and luxuriant scrub, which, having never been burnt off, or broken down by cattle, and being composed of quick-growing shrubs of no great strength, subject to be blown down and replaced by new growths, the dead and the living forming an impenetrable jungle, so as to make the walking to any distance altogether impossible. On the west coast, the land is so much exposed to the prevalent winds, and the hills are so steep and broken that, for the present, at all events, it may be set down as absolutely unavailable, except a few hundred acres at Mason's Bay; but on the east side, and north of Port Pegassus, and especially in the vicinity of Lord's River, and Port Adventure, the ridges become longer and rather lower; the size of the timber increases; the rimu, totara, and kihikatea appear, and the whole country becomes rather more practicable, though still steep and broken, and everywhere covered with dense scrub to the water's edge.

At Port Adventure there is a small settlement, now chiefly peopled by half-castes. Portions of the hills have been more or less cleared, and the extreme luxuriance of the grass which has spontaneously grown up, attests the productiveness of the soil and climate. Proceeding on towards Patterson's Inlet, the land again becomes rather higher and steeper, but still carrying forest trees, though of no great size. A little land in the south arm of Patterson's Inlet seems capable of cultivation, and a few small spots, all along the extensive shores of the harbour, might hereafter invite settlement,—aided as these spots will be, by the convenience of communication by water—but the area of available land is very small.

The principal arm of Patterson's Inlet receives a considerable river, the Ohekia, which flows through the only plain in the island. This valley is full ten miles long, with an average breadth of about three miles, and contains 12,000 or 15,000 acres of flat land and about half as much more of the easy slopes of the hills on each side; a great portion, perhaps one half of the flat, is void of scrub, apparently having been burnt off at no very remote period; the remainder of the scrub would no doubt be easily destroyed by fire, and by feeding cattle, but the character of the land in the flat is very inferior—it is, in fact, a mere sand-drift, covered with a thin peaty soil. The summits of the long low parallel ridges are dry but poor, and every bottom is occupied by swamp. The slopes at the side, however, have a good soil, and will make some desirable farms, and no doubt by frequent burning and close feeding, with perhaps a little labour here and there in clearing the water-courses, the flat will so far improve as to afford good feed for stock.

On the North side of Patterson's Inlet three saw mills have been erected, and one of them has been worked pretty extensively. The timber sawn is exclusively rimu of very small size. The trees are thinly scattered among the rata and scrub, but as the land rises steeply from sheltered and easily navigable waters for many miles, the timber is easily got down and floated to the mills.

The two peninsulas which narrow the mouth of the harbour seem to have been the favourite haunt of the hardy adventurers who, attracted by the whales and seals which formerly greatly abounded on these coasts, took up their lonely abode nearly thirty years ago on this spot. Many of these still remain, though the original object of their advent has long since disappeared, and the growth of the colony in their vicinity has increased their disabilities without adding anything to their wealth and comfort. The original settlers are now aged men, but they are generally surrounded by half-caste families, who constitute a little community which has grown up entirely without aid or care from the Government, and which is remarkable for the general good conduct of its members. I find that very few of these old residents have prosecuted claims to the land on which they reside, which they originally occupied by the consent of its native owners

and which they have always considered as their own. Though they cannot now assert any legal title, I trust that whenever the native title to the island at large is extinguished, steps will be taken to secure the inheritance of these spots for their families. It would indeed be unfortunate if the advent of the Government should have the effect of depriving of their homesteads these earliest colonists, and if these numerous half-caste children should be left landless in the land which their forefathers were the first Europeans to explore, and of which their maternal ancestors were the sole possessors.

North of Patterson's Inlet, a belt of one or two miles in depth from the coast extends, with few interruptions, to Saddle Point, consisting of ridges of no great height, and of which the greater portion might be brought into cultivation.

Port William being a good harbour, very easy of access, and a most convenient port of call for vessels wind-bound in Foveaux Straits, presents greater inducements for immediate settlement than any other part of the Island. There is an excellent situation for a small township, and it seems probable that colonists would be induced to settle there if the land should be thrown open for sale. Here, as elsewhere, the land is thickly wooded, but many of the trees are suitable for sawing, and the scrub would not be very difficult to fall and burn. When once cleared there is no doubt the soil would be very fertile, and would produce excellent crops of potatoes and other vegetables; or if laid down in grass would afford very abundant pasture.

From all enquiries I made with regard to climate, and from my own observation, I am inclined to think that on the east side of Stewart's Island, north of Port Pegassus, the temperature will be found to be considerably milder than at Invercargill and its immediate vicinity. Certainly, the westerly winds will be much less felt, from the shelter afforded by the mountains in the interior, and from the slopes of the land to the north-east; but it is undoubtedly very wet. It is not probable that the actual rainfall is greater than on the mainland, but small drizzly rain is very frequent. The harbours on the east coast are certainly excellent, being both safe and convenient of access; and all the coast from Saddle Point to Port Pegassus with its deep indentations, presents every facility for communication by boats or vessels of every kind, and the great abundance and excellent quality of the fish will make that a considerable resource. The quality of the Stewart's Island oysters has long been celebrated, and I carefully examined the condition of this fishery. These oysters occasionally adhere to the rocks a little above high-water mark, but they have for the most part been dredged up from certain limited banks, which were found far up the harbours, in about three fathoms water; the few banks hitherto discovered are pretty nearly exhausted. No doubt numbers of other banks will be found, but it is hardly probable that the oysters on them will be found, when taken, to be in so good condition as they were on the old banks, for these last were just in the sort of positions in which oysters are artificially bedded, near the heads of bays at the mouths of small fresh water streams. At all events, it is certain that this fishery can never be a considerable object of industry until the oysters are regularly bedded and tended here as at home. It is impossible that the facilities for doing this should be greater than at Stewart's Island, and there is no doubt that with good management and some little capital, this may be made a profitable and considerable branch of industry.

Ship-building is another pursuit for which this island affords peculiar facilities. The rata timber, which grows everywhere abundantly, of the most suitable sizes and forms for this purpose, makes the best possible frames for vessels. On the whole, it is impossible to resist the conclusion that the colonization of Stewart's Island presents very great difficulties and drawbacks. It will ultimately, I have no doubt, form a very important and valuable part of the colony, but so much labour will be required to be expended before any portion can be made available, that it would be quite idle to attempt to people it by the same means as are applicable to the level, accessible, and well-grassed plains of Southland. If Stewart's Island is to be peopled at all, it must be done by offering special inducements to a suitable class of colonists to settle there. The Nova Scotian Highlanders are the only colonists likely to attempt, and to succeed in, such an enterprise. To these skilful axe-men the forests would present no difficulties, and the facilities for fishing and ship-building would be a great inducement to them. In comparison with the rocky surface and the bitter winters of Nova Scotia, the soil and climate of Stewart's Island would be genial and inviting; and when once the great difficulties of clearing and settling were over, such a community could not fail to become prosperous, and the remainder of the island would then acquire value.

The proximity of such settlers would be of the greatest possible advantage to Southland, both by the increase of trade which it would involve, and by the great supply of labour which it would provide. But, to effect this, it is clear that a special land law will be required, and as this cannot be done for some time, it would be premature to take any steps for topographical survey on an extensive scale.

The Admiralty survey gives a very fair outline of the island, and as any surveys which will be required for many years will be on the east coast only, there can be no difficulty in connecting them, either by main traverse lines across the points, or by a minor triangulation according to circumstances; and the only steps that I conceive it will be necessary to take at an early period, will be the laying off a small township, with a few twenty-acre sections, immediately round Port William; and perhaps defining and marking the reserves it may be necessary to make for native purposes, and the portions of land which may be appropriated to the present inhabitants of the island.

I have, &c.,

THEOPH. HEALE.

To His Honor the Superintendent of Southland.

THE NEWSPAPERS OF NEW ZEALAND.

PROVINCE OF AUCKLAND.

AUCKLAND.—Daily: *Daily Southern Cross*, *New Zealander*, *New Zealand Herald*. Weekly: *The Weekly News*, *Entertainment (Illustrated)*.

ONEHUNGA.—Weekly: *Onehunga Warden*.

KAIPARA.—Occasionally: *Albert Land Gazette*.

PROVINCE OF TARANAKI.

NEW PLYMOUTH.—Weekly: *Taranaki Herald*, *Taranaki News*.

PROVINCE OF HAWKES BAY.

NAPIER.—Twice-a-week: *Hawkes Bay Herald*. Weekly: *Hawkes Bay Times*.

PROVINCE OF WELLINGTON.

WELLINGTON.—Thrice-a-week: *Wellington Independent*, *New Zealand Advertiser*. Twice-a-week: *New Zealand Spectator*.

WANGANUI.—Twice-a-week: *Wanganui Chronicle*.

PROVINCE OF NELSON.

NELSON.—Thrice-a-week: *Nelson Examiner*. Twice-a-week: *Colonist*.

PROVINCE OF MARLBOROUGH.

PICTON.—Twice-a-week: *Marlborough Press*, *Marlborough Times*.

BLenheim.—Weekly: *Wairau Record*.

Havelock.—Twice-a-week: *Havelock Mail*.

PROVINCE OF CANTERBURY.

CHRISTCHURCH.—Daily: *Press*, *Evening Mail*. Thrice-a-week: *Lyttelton Times*. Twice-a-week: *Canterbury Standard*.

TIMARU.—Weekly: *Timaru Herald*.

PROVINCE OF OTAGO.

DUNEDIN.—Daily: *Otago Daily Times*, *Otago Mail*, *Evening Star*. Weekly: *Witness*, *Leader*.

OAMARU.—Weekly: *Oamaru Times*.

DUNSTAN.—Weekly: *Dunstan Times*.

LAKE WAKATIPU.—Weekly: *Lake Wakatip Mail*.

TOKOMAIRIRI.—Weekly: *Bruce Herald*.

CLUTHA.—Weekly: *Molyneux Mail*.

WAIKOUAITI.—Weekly: *Waikouaiti Herald*.

PROVINCE OF SOUTHLAND.

INVERCARGILL.—Daily: *Southland Daily News*. Thrice-a-week: *Southland Times*.

RECAPITULATION.—Daily, 9; Thrice-a-week, 5; Twice-a-week, 8; Weekly, 16; Occasionally, 1; Total, 39.

OFFICIATING MINISTERS

UNDER THE MARRIAGE ACT.

UNITED CHURCH OF ENGLAND AND IRELAND.

Bishops:—

The Right Rev. George Augustus Selwyn, Bishop of New Zealand

The Right Rev. Henry John Chitty Harper, Bishop of Christchurch

The Right Rev. Charles John Abraham, Bishop of Wellington

The Right Rev. Edmund Hobhouse, Bishop (late of Nelson.)

The Right Rev. William Williams, Bishop of Waiaapu.

The Right Rev. John Coleridge Patteson, Bishop of Melanesia.

Archdeacons:—

Venerables A. N. Brown, H. Govett, O. Hadfield, G. A. Kissing, H. Jacobs, R. Maunsell, H. Williams, and W. L. Williams.

Clergy:—

The Reverends Ihaina Te Ahu, Riwai Te Ahu, Benjamin Yate Ashwell, William Aylmer, John Charles Bagshaw, P. R. S. Bailey, Charles Baker, T. A. Bayley, William Bird, Samuel Blackburn, Thomas Adolphus Bowden, Crossdale Bowen, Reginald R. Bradley, Edward Nugent Bree, Henry H. Brown, Lawrence Lawson Brown, Robert Burrows, H. F. Butt, Thomas Chapman, George J. Cholmondeley, Edward B. Clarke, Robert Henry Codrington, J. A. W. Collins, George Cotterill, Alexander Dasent, D. Desbois, Benjamin Thornton Dudley, Benjamin Woolley Dudley, John Duffus, Christopher Blencowe Dunne, Edward G. Edwards, William C. Fearon, Henry Fendall, George Foster, Algernon Gifford, Frank Gould, E. H. Granger, Christopher H. J. Halcombe, James Hamlin, Henry William Harper, John Edward Herring, Edward Howard Heywood, Tamihana Huata, F. H. Humphreys, Thomas Biddulph Hutton, George Henry Johnstone, David Jones, Raniera Kawhia, Thomas Kerr, John Kinder, Amos Knell, Francis Knowles, Thomas Lanfear, John Frederick Loyd, Vicesimus Lush, Charles Lendrick Maclean, Joseph Matthews, Joshua Te Monaroca, Lorenzo Moore, John Morgan, Charles H. S. Nicholls, William F. Oldham, John Palmer, Philip Patiki, Matiaha Pohoi, Samuel Poole, Lonsdale Pritt, Arthur Guyon Purchas, John Raven, William Ronaldson, Cooper Searle, F. C. Simmons, Seymour Mills Spencer, James West Stack, Harry Woodford St. Hill, Arthur Stock, William Pontin Tanner, Seth Tarawhiti, Matthew Taupaki, Hare Tawhaa, Basil Kirke Taylor, Richard Taylor, Frederick Thatcher, Henry Torlesse, Francis Tripp, Thomas Lloyd Tudor, Mohi Turei, Carl Sylvius Volkner, Rota Waitoa, Edwin Wheeler, Samuel Williams, William W. Willock, James Wilson, John Alexander Wilson.

ROMAN CATHOLIC CHURCH.

Bishops:—

The Right Rev. J. J. B. Pompallier, Bishop of Auckland.

The Right Rev. P. Y. Viard, Bishop of Wellington.

Vicars-General.

The Very Reverend J. Forest, J. M'Donald, W. M'Donald, J. J. P. O'Reilly, L. Parsby.

Clergy:—

The Reverends Ottavio Barsanti, Simon Bartozzi, Francis Boibieux, Jean Baptiste Chataigner, Jean Claude Chervier, Pugo D'Akerman, Francis Del Monte, Patrick Duhig, Henry James Fynes, Dominiek Galosi, Joseph M. Garavel, Antoine Garin, Joseph Gregori, John M. Grange, Stephen Hallam, James P. Hoynes, Nivard Jourdan, Joseph Lampila, Philippe Aime Martin, Pierre Marie Michel, Delphin Moreau, Michael D. O'Hara, Stephen Passinetti, James Paul, Eugene Pertuis, Jean Baptiste Petit Jean, Etienne Pezant, Anthony Pompallier, Euloge Teignier, J. B. Rolland, Claudius Emanuel Royer, Augustin Marie Joseph Sauzeau, Joseph Seon, Jaques Marie Tresallet, Laurence Vinay.

PRESBYTERIAN CHURCH.

The Reverends Thomas Alexander, John Allen, Ralph Joshua Allsworth, William Bannerman, Peter Barclay, Moses Breach, George Brown, David Bruce, Thomas Burns, Patrick Calder, John Campbell, John Christie, James Clerk, Charles Connor, James Duncan, Charles Fraser, John Gorrie, Geo. Grant, James Hill, David Hogg, William Johnstone, James Kirkland, William Kirton, John Macky, Robert M'Kinney, Norman M'Leod, James H. M'Naughton, John M'Nicol, Peter Mason, Donald Meiklejohn, John Moir, J. S. Muir, Thomas Norrie, J. F. Riemenschneider, Andrew Hamilton Stobo, Donald M. Stuart, J. M. Smith, John Thom, Alexander B. Todd, James Urie, M. Watt, William Will.

WESLEYAN METHODIST SOCIETY.

The Reverends John Aldred, Thomas Buddle, James Buller, Robert S. Bunn, William Cannell, John Crump, A. R. Fitchett, William Gittos, Isaac Harding, John Hobbs, William Kirk, Henry H. Aawry, Alexander Reid, William Rowse, Cort Henry Schnaekenberg, Joseph T. Shaw, George Stannard, James Wallis, John Warren, William J. Watkin, John Whiteley, William Worker.

CONGREGATIONAL INDEPENDENTS.

The Reverends Richard Connebee, Benjamin W. M. Fell, Thomas Hamer, Richard Laishley, Alexander Macdonald, James Francis Mandeno.

BAPTISTS.

The Reverends William Moore Biss, P. H. Cornford, Decimus Dolamore, J. L. Parsons, Edward Thomas

PRIMITIVE METHODIST SOCIETY.

The Reverends Joseph Long, Joshua Smith, Robt. Ward.

LUTHERAN CHURCH.

The Reverends John William Christopher Heine John Frederick Henry Wohlers.

HEBREW CONGREGATIONS.

The Reverends Moses Elkin, David Isaacs; Mr. Henry Isaacs, Mr. Benjamin Aaron Selig.

CANTERBURY.

NARRATIVE OF EVENTS FOR 1864.

THE colony of New Zealand and the Province of Canterbury have no history in common. The former contains the latter geographically, but, in the eye of the historian of current events, Canterbury must appear an entity, wholly apart and remote from the colony within whose boundaries it is to be found on the maps. The story of each for the past few years, including that of which we have now to write, must be told separately. New Zealand would have her war, her native population, her gold fields, almost everything on which her notoriety rests, even though Canterbury did not exist within her territory. On the other hand, the silent progress which we have made in this Province, the works which we have finished, begun, or projected, even the difficulties under which we labour, form matter for our own historians in no way connected with the exciting topics rising outside our borders. We do not say that the gold which Otago has produced so largely within the past few years has done nothing to advance the material interests of Canterbury. On the contrary, a portion of the wealth of the sister Province has poured across our borders, and undoubtedly hastened our prosperity. And no less true is it that the war in the North, mismanaged and procrastinated as it has been, wasteful of the resources of the colony, and fruitless of result, will bring before long injurious consequences even upon Canterbury. The cause and the effect are there, but the one is remote from the other; the sequence of the event is hardly perceptible, and the agency is wholly invisible; and even if a connection may be traced, there is nothing to indicate any close relationship between Canterbury and the colony at large. So far is this the case that when, during the past year, a temporary monetary difficulty was experienced in this province, the most experienced could hardly say whether the pressure was due to the difficulties of the neighbouring Provinces or to the tightness of the money market in England. Canterbury is, indeed, wonderfully independent of its northern and southern neighbours. Much the same may be said, no doubt, of the other Provinces. And so it falls out that the chronicler of the year's events in Canterbury feels himself to be writing no page of the history of New Zealand as a whole.

The history of Canterbury during 1864 has not been altogether of that happy brilliant character which, we may say, is natural to the province. Along with a great deal of prosperity and material advancement, some misfortune has to be chronicled. The state of trade during the winter was dull, and to some extent it still continues so. The Government found themselves unable to sell the debentures of the Province as readily as they wished in London, and so the large public works, railways to the north and south, improvements in Lyttelton harbour, bridges over the dangerous rivers, and other expensive undertakings have not been proceeded with so rapidly as was anticipated last year, and in some cases not at all. At the same time, the rise and fall of new gold fields, and a falling off in the present productiveness of some old and favourite diggings, have attracted and repelled hither and thither across this Province, to and from the Wakamarina, the Grey and the Dunstan, numbers of people who would be in their place among a gold-mining population, but looked as much out of place on the alluvial plains of Canterbury as did their tents in a Canterbury sou'-wester. Besides, there continued to be, as there always has been, a not inconsiderable immigration from other provinces and colonies of persons hoping to find a comfortable home among us. The discharged militiaman from Auckland, the impoverished settler from Taranaki, the small trader from Australia, the writing-clerk from Dunedin, and the roving man-of-all-work from everywhere, after tasting the sweets and bitters of the last new gold field in Cook Straits, next thought of Canterbury, and came on hither, hoping to find a new land of Goshen, where the plagues of war and gold should be unfelt. Canterbury, nevertheless, can claim no exemption from the operation of economical laws; an unusual influx of a heterogeneous population in a dull time could not but have its natural effect—the production of a temporary stagnation of commerce. In short, Canterbury has prospered during the past twelve months; but the prosperity has been less and her progress slower than usual. With this general glance at the state of the province, we pass to a detail of facts.

A remarkable event in the political history of the Province has been the resignation of the Executive, under which Mr. Maude was the Provincial Secretary. The causes that led to it are thought, in some degree, to be due to the action of the Superintendent, his Honor having openly expressed his intention of resigning, which intention he afterwards declined to carry into execution. Differences had arisen between him and the Executive with reference to the conduct of public works, which, taken in conjunction with the circumstances just alluded to, left them no other course to pursue. Another Executive was shortly after formed, with a gentleman comparatively unknown amongst us at its head, but who has since shown so great an aptitude for business, and so much energy in pushing forward the work of the Government, that the selection of Mr. Rolleston to fill the important post of Provincial Secretary must be considered a happy one. The creation of the office of Secretary of Public Works, and the appointment of the Hon. John Hall to the post with a seat in the Council, was rendered necessary by the increasing business of the Province; and from the well-known administrative ability of that gentleman, it may be safely predicated that, at a period in the history of Canterbury when important works were projected, the Council exercised a wise discrimination in allowing Mr. Hall to carry them out.

There was a short sitting of the Provincial Council in April, for the consideration of some urgent business; but the session of the year commenced on the 11th of August. The business embraced several important subjects, among which may be noticed the consideration of the reports of the commission appointed to report upon the Lyttelton harbour works, and the projected railways to the north and south of the Province. The Education Bill of 1863 having been found objectionable in its operation, a

new Bill was passed, which tends to abolish as much as possible all central authority in the matter of education, and it supplements the grants in aid of schools by Government with the imposition of a tax of 20s. upon every house in the province. The Bill, after a prolonged discussion, was passed. The chief business before the House, in the early part of the session, was the question of obtaining the guarantee of the General Government for our provincial loans, upon which Mr. Cox, the member for Geraldine, moved a series of resolutions, negating such a course, popular opinion being strongly expressed against it. After considerable discussion, and the rejection by the House of several amendments, the resolutions were carried. A resolution was passed, affirming the desirability of submitting to the General Assembly the necessity of empowering the Provincial Legislature to make laws for assessing and levying rates on lands held under depasturing licenses. A Bill was passed for licensing and regulating Hackney carriages. An Ordinance was passed affecting the Executive Council, by prescribing the number and duties of Officers composing it, and giving the Superintendent power to make the rules by which the business shall be governed. The appointment of the new Officer for Public Works is authorised by this Ordinance. The Ratepayers' Roll Revision Ordinance repeals certain clauses of the Roads District Ordinance; gives power to appoint revising Commissioners, and defines their powers. The Cathedral Square Ordinance authorises the Superintendent to divert a certain highway, and to construct a public highway through a section named in the Ordinance; the land described is to be held by the Superintendent as a cathedral site. An Ordinance making certain provisions for supporting the Volunteer Corps was passed. Certain land in Kaiapoi was leased to Mr. W. C. Beswick upon certain conditions. A measure, which is to be construed as part of the Roads District Ordinance was passed, which enables the Road Boards to rate sheep, and for that purpose fixes the net annual value of sheep at £70 per thousand. In order to increase the efficiency of the Fire Brigade, an Ordinance was passed which legalizes their proceedings at fires, gives them certain powers, and provides regulations for the management and enrolment of the members of the Brigade. The Hospital and Charitable Aid Ordinance makes provision for the management of that Institution, and authorises a rate, not exceeding 6d. in the pound, upon all property liable to be rated for the maintenance of the roads in the Province, for the purposes specified. Another Sheep Ordinance gives the rules to be observed in branding sheep; states how Inspectors are to be appointed; imposes a tax of one pound per thousand; compels the erection of dipping apparatus, and fixes the penalties to which owners are liable for having in their possession scabby sheep. The Roads Ordinance contains clauses constituting Road Boards, defining the mode of appointment of the officers, and the manner in which the accounts shall be kept. It provides for the preparation of a Ratepayers' Roll and the assessment of property. The power to erect toll bars on the roads is given to the Boards, and the schedule gives a list of the different districts. The above is a short outline of the business of the session, which was prorogued by his Honor the Superintendent on Sept. 30th.

The sum set down in the Appropriation Ordinance for the purpose of carrying on the Lyttelton and Christchurch Railway for the year is £91,965, and the sum of £19,357 10s., to be derived from the public revenues of the province, is set apart for the purpose of meeting the expenditure upon the projected Railway and Harbour Works. The sum of £87,215 11s. was also authorised to be allowed the Provincial Treasurer for sums expended in excess of last year's estimates.

The anticipated revenue from Customs and refund from emigrants amount to £72,331; from land sales, £177,000; which, together with the balance in hand from last year (£51,000), makes the total revenue for 1864-5, £300,331.

The repudiation of the Panama mail contract by the General Government excited a feeling of considerable indignation. Two public meetings were held, one on April 11th and the other on April 18th. At the latter Mr. Ward addressed the persons assembled, and the current of popular feeling has since run strongly against the act of the Government. The matter has now been taken up by the General Assembly.

An important public meeting was held in the Town Hall, Christchurch, on Oct. 21st. It was held in order to give the inhabitants an opportunity of expressing their views as to the advisability of calling the General Assembly together. The object of the meeting was frustrated by the fact that in the meanwhile the Assembly had been summoned, but the opportunity was taken advantage of by Mr. Weld, who, in an able speech, stated his views, which were assented to by those present. These views were the absolute acceptance of the Government of the colony in all its branches by the colonists themselves, and the abandonment for the future of any assistance from the mother country in the shape of troops.

Timaru has been agitating for separation, the inhabitants principally grounding their reasons on the idea that their interests are neglected, and that they do not obtain a just participation in the expenditure of the public revenue. However, the agitation is a very limited one, and does not appear, on the whole, to be very seriously entertained.

A noticeable feature in this brief *resumé* of the history of our province is the establishment of Road Boards. These have been already productive of some beneficial results, not altogether unalloyed with evil. The roads, under their supervision, show every prospect of being kept in excellent condition, but it has been found necessary to introduce both rates and toll-bars in order to ensure that favourable condition. The project of establishing these hindrances to free circulation has been very unfavourably received, and in one instance the populace have shown "their ignorant impatience of taxation" by the summary process of forcibly removing the obnoxious impediments. Another form of taxation, equally necessary, and equally repugnant to the feelings of the majority, is the introduction of a house-rate. This is the more unpopular,

because it bears unevenly upon the people, and it will be found, from the fact of the migratory nature of our population, to be a tax very difficult of collection. The legislation on this subject seems to those who hate taxation, and hope to have left it behind in the mother-country, to make the possession of property a crime and the driving of a vehicle an offence punishable by penalty. And the taxes will no doubt produce, at least for a while, the effect of somewhat putting a stop to investments in land, and by so doing will affect our land revenue.

The Railway works are being pushed forward, and have hitherto been most successfully carried on. About 1,772 yards of the tunnel were completed at the beginning of November, leaving 1,086 yards to be yet accomplished; and arrangements are being made to extend railway communication both north and south, the railroads to be called the Great Northern and the Great Southern respectively. The promoters of the branch line between Christchurch and Ferrymead (which was opened on 1st December, 1863) have proved the anticipations formed by them to be correct; the traffic being at the rate of 20,000 tons per annum. The following is the return of traffic for nine months ending September 1, 1864, since the opening—Inwards—Merchandise, 10,669 tons; timber, 872,390 feet; passengers, 22,858½. Outwards—Merchandise, 781½ tons; timber, 6,129 feet; grain, 43,175 bushels; passengers, 20,470; wool, 4,729 bales. Totals—4,729 bales; 11,450½ tons; 878,519 feet; 43,175 bushels grain; 52,320.

The Provincial Telegraph from Port to Christchurch has been a great acquisition; but it having been found desirable that the whole system of telegraphs should be under one direction, our line has been handed over to the General Government. Arrangements are now in the course of being made, by means of which, in the course of a few months, telegraphic communication will be extended on the north to Nelson, and on the south to the Bluff.

There has been a considerable addition to our steam fleet, inter-colonial, inter-provincial, and for the purposes of our own commerce. The Saltwater Creek Navigation Company have started the Waipara, a small but useful boat, which trades between Christchurch and the Creek, and the enterprise of one of our townsmen has given us the little steamer named the Moe, which has already rendered her owners good service.

In connection with the subject of commercial improvements, we may mention the improvements which, in various departments, have taken place in the harbour of Lyttelton. Peacock's Wharf has been elongated, and Norwich Quay so much improved as to be scarcely recognizable by "the oldest inhabitant." The boatmen have been the subject of legislation; by a salutary enactment they are now compelled to take out a license, which will ensure civility and regularity. The boat service has been greatly improved. A pilot and boat and crew have been established on the Sumner bar, and have already been found serviceable for the preservation of life and property. Another token of progress is the erection of a Light-house on Godley Head; this work is being steadily carried on. The iron fittings have arrived, but the work has been somewhat retarded by the wreck of the Catherine, with the material for the foundation of the Light-house on board. In the month of November, there were in the harbour 11,000 tons of shipping, including the largest merchant vessel afloat, the British Empire, the fine steamer the Otago, the Blue Jacket, and a host of barges and small river craft.

The return of the Inspector of Sheep for the year ending June, 1864, shows that the total number of sheep in the province amounted then to 1,300,000. During the year there were imported into the province by sea 12,520; from Nelson, 38,050; and from Otago, 17,850; making a total of 61,420. The scab, which had made so much havoc among the flocks, was steadily decreasing, and from the excellent system of precaution which is now adopted, its total eradication may be reasonably anticipated. The Inspector states that the year has been one of unprecedented fineness, and, from the abundance of grass, the flocks generally are in fine condition.

The shipments of wool were considerably in advance of those of previous years. There were seven ships dispatched from our port last season loaded with 16,931 bales, valued at £400,000.

The City Council of Christchurch have been steadily and successfully carrying out their great work of city improvements: new streets have been formed, and several more laid out. A plan for the drainage of the city has been under their consideration; the expense is roughly estimated at £160,000. Several artesian wells have been sunk in various portions of Christchurch, which have materially tended to obviate one inconvenience which the city has long suffered from, namely, the want of a good supply of water.

A glance at the religious aspect of Canterbury will show that, in the midst of all our exertions for material advancement, we have not been altogether unmindful of higher considerations. Churches and buildings for religious purposes are rising in our midst. The Cathedral is, at length, showing some outward and visible signs of becoming a reality. The Resident Architect has arrived, and the foundation stone has been laid with much ceremony. To remedy the great and increasing want of church accommodation, a new church (to be called the Church of St. John the Evangelist) is being built of stone in Latimer Square; the foundation stone was laid in June last, the whole Masonic body joining in the procession. A parsonage has been built in Christchurch, and one is in the course of erection at Avonside. A large stone parsonage is being built in Lyttelton, at a cost of £2000. The Province has been divided into three rural deaneries, the occupiers being the Rev. H. Jacobs, the Rev. B. W. Dudley, and the Rev. H. Harper. The Wesleyans have completed a new chapel, one of the handsomest stone buildings in New Zealand. The Presbyterians have established another church in Christchurch, under the pastorate of the Rev. George Grant, formerly minister at Akaroa, and are building a large church in Lyttelton. A Presbyterian

minister will shortly be established at Timaru; and the Rev. W. Hogg has been appointed to labour in the northern district of Canterbury, the Rev. W. Kirton being stationed at Kaiapoi, where a manse will shortly be built. The Congregationalists have greatly increased in number and influence; they have erected, as a temporary expedient, a stone chapel in Cathedral Square, where they have obtained a section of land, on which they intend at some future time building a church, when the present structure will be used as a school-room. The Roman Catholics have built a new church on the Ferry Road, which is a pleasing, graceful edifice; it is open for Divine Worship, and has lately been consecrated by Monsiigneur Viard, the Roman Catholic Bishop of Wellington. All these denominations frequently hold public meetings, and lectures, &c., are delivered under their auspices.

Several charitable institutions have been either founded or increased in extent during the past year. The Orphanage, the Lunatic Asylum, the Female Home, and the House of Refuge are amongst the number. The Hospital, after being for a short time under the management of a Board of Governors, has repassed into the hands of the Government, as the experiment of the former management was found not to have succeeded.

With regard to crime, we can claim no immunity for Canterbury. The sessions which have been held during the past year do not show a larger amount of crime than might fairly be looked for from our increased population, and the influx of a gold mining population. In Christchurch, the number of cases for trial at the December session was far below the average, and of very slight importance. Some serious cases of cattle stealing have occurred during the year, and the offenders sentenced to various terms of imprisonment. The cases of petty larceny have been very much on the increase; these probably arise, as Mr. Justice Gresson remarked in a recent charge to the jury, from the high price of provisions and a scarcity of employment.

The Volunteer movement has been making great progress; we have now in Christchurch and the country seven companies of Rifles, about five hundred strong, who are becoming well drilled, and execute the manœuvres in a very creditable style. A corps of engineers and one of yeomanry cavalry have also been formed, and the commissions of the officers gazetted. It is in contemplation to establish an artillery battery for the defence of the harbour of Lyttelton.

The river Waimakariri has long been a source of great difficulty, as it was so frequently diverging from its banks, occasioning thereby a very serious loss. Many plans have been suggested for remedying this evil, and it is to be hoped that some scheme will have the effect of preventing a recurrence of it; but the outlay will be very considerable, to say nothing of the vast amount of money already wasted on futile expedients.

A wonderful improvement has taken place in the general aspect of all our towns. Lyttelton, Kaiapoi, and Timaru have all made rapid strides in the acquirement of the necessaries, and even many of the refinements, of life. But perhaps the greatest improvement is noticeable in the capital, where new buildings of every description, and adapted for almost every imaginable purpose, are rising on every side. The new Council Chamber will be a very handsome building, being constructed of stone and ornamental in style. We have already alluded to the ecclesiastical buildings, so we will just mention a few of the new structures destined for secular purposes. The various banks have commenced to transact their business in buildings which would do credit to any town. The Union Bank of Australia has a handsome location (to use an Americanism) in Hereford-street; the Bank of Australasia possesses a fine stone building in Cashel-street, but the Bank of New Zealand, although owning a valuable central site for a bank, still fondly clings to the old time-honoured shanty in Cashel-street. Then we have the new Town Hall, a massive stone structure, more remarkable for apparent durability than elegance of design. A Custom-house has been built together with a Telegraph Station; but we are told that a new Custom-house and Post-office are looming in the distance. The long-talked-of Gaol and Court House only exist as yet on paper, but the money has been voted for their erection, which is one step towards their becoming a reality. The Immigration Barracks have been removed from their old site, and the place which knew them of old knows them no more, for the new establishment in the Lincoln road is now open. The new Lunatic Asylum, also in the Lincoln road, has been for some time in operation; unfortunately the number of persons requiring shelter within its walls has been for some time painfully on the increase. The merchants' stores are a great addition to the city; several of them are decidedly ornamental, whilst others are of a plain, business-like structure. The site of the great fire in Colombo-street is again occupied by a handsome row of shops, mostly tenanted by the former proprietors. The plate-glass mania, once so prevalent in English towns, has reached Christchurch, and we have now windows of large size, some of which are being decorated in a very conspicuous, if not elegant, style. The ladies have not been overlooked, for we have as fine and as tempting looking warehouses for haberdashery as *Punch* could desire for what he calls "lady-traps." Again, the minor conveniences of life are rife amongst us. Communication, thanks to Cobb's coaches, is now greatly facilitated between the more distant parts of the province, whilst in the city itself we have cabs and hackney carriages, whose drivers seem to have the same extraordinary notions of distance and of the value of fares as their brethren at home. An Act of the Provincial Council was passed to regulate the movements of these gentry, and it is to be hoped will prove effectual in so doing. We have now several manufactories in active operation; soap works, breweries and mills have long been established, and are sources of much commercial activity. Machinery has been started for the preparation of the *phormium tenax* into pulp for paper; it has long been vainly tried for the purposes of fibrous manufacture. Three iron foundries are now at work here, and specimens of iron manufacture of a large size have been turned out from them.

There is also a large saw-mill, where a considerable quantity of timber is prepared and dressed. Hotels, baths, and cafés have become institutions in the city; at some of the latter, *petits soupers*, in the style of the restaurants of London and Paris are provided for those whose epicurean tastes tend in that direction. One great improvement is evident in our large towns, and that is the excellent pavement now almost universally laid down. The footpaths in most of the streets are now asphalted, and those who are familiar with the shingled *trottoirs* which of old caused so much annoyance, can well appreciate the alteration. Speaking of the streets, we must not omit to notice another decided mark of advancement, the introduction of gas. This will obviate one great inconvenience. In former times it was almost a work of danger to traverse the streets; the evil was palliated by the introduction of a few glimmering kerosine lamps. Now, however, the mains for gas are laid down in all the leading thoroughfares, and by the time our almanac is in the hands of our readers, gas will probably have become an institution.

Plantations are being made in almost every direction; the Government Domain will in time be one of the prettiest public gardens in the southern hemisphere, whilst the Town Belts will in the course of a few years form a charming vista, something on the principle of a Parisian Boulevard. Villa residences are being erected in the suburbs, and the lawns and greenhouses begin to give the place an almost English appearance. Indeed, it is difficult for one newly arrived to realize the fact that he is in a land sixteen thousand miles from England, and which only a few years ago was a primitive wilderness. Several new townships have been laid out, and others are in the course of formation. Thanks to the energy of our settlers, they are to be seen springing up all around, especially in the case of Leithfield, which owes its foundation to the indefatigable efforts of the gentleman from whose name its appellation is derived.

During the twelve months just elapsed, we have had several serious fires in Christchurch. The most terrible one occurred on June 4th. The fire commenced in the stores occupied by Messrs. Matson and Torlesse, and great damage was the result. The premises of Messrs. Axup and Co., Brooke and Co., Matson and Torlesse, Cooper, Morton, Bloom, Green, Fuller, Wheeler, and Blundell were totally destroyed. The loss was estimated at £12,000. The whole amount of insurances effected was £3,800. The firemen worked with a will, and fortunately no lives were lost; but the damage done to property by fire, water, and hasty ill-judged removal, was very great. An inquiry as to the origin of the fire was held, but without any satisfactory or definite result. Another fire took place during the same month, at the Golden Fleece. It was fortunately extinguished without any loss of life or serious injury to property. An inquiry into the cause of this fire proved fruitless. Two persons were brought before the Resident Magistrate's Court, as the supposed incendiaries, but, after a careful investigation, they were discharged, no proof of guilt having been substantiated against them. Three more fires also occurred: the one on the premises of Mr. Hadley, in Colombo street, in the month of August, when the stables contiguous to the house were destroyed. Another in September, when the premises of Mr. Younghusband, better known as the "Little Shop," were consumed. And the last in Cashel street, when the warehouse of Mr. Burnell and two adjoining houses were burnt. This was on October the 2nd. The result of these fires was to draw public attention more closely to the establishment of an efficient Fire Brigade. Two public meetings were held on the subject, and the consequence is that Christchurch now possesses a most effective Brigade, an Ordinance of the Provincial Council having been passed to insure its more perfect and complete organization.

Among objects of minor importance, but which serve to evidence the general advancement of the Province, we may mention the progress which has been made in acclimatization. A considerable portion of ground has been laid out for the purpose of forming a zoological garden. This is thickly planted with trees and shrubs, and promises in time to rival the gardens in the Home Country and in the other colonies. Mr. Johnston has been appointed curator of the gardens, and already several specimens have been procured for them. Swans, both black and white, have been obtained, and some of our favourite old English singing birds have been added to the number of specimens, either by purchase or by donation. Some gold-fish have been brought from England, and amongst other singular importations, a pair of foxes have found their way here.

The Pastoral and Agricultural Society has been working very effectively for the improvement of such articles as come under its more immediate supervision. An exhibition was held in the grounds in the month of November, and was a decided success, though pronounced by competent judges to be somewhat inferior to the last one held. However, there was a fine show of horses and cattle; the sheep, owing to the prevalence of scab, and also because the shearing was on, were not so numerous as on previous occasions. Canterbury has always been noticeable for the love of flowers evinced by its inhabitants. We have now an efficient and earnest Horticultural Society, the result of whose labours in the promotion of the delightful pursuit of gardening was proved by the success of the last exhibition held under their auspices during the course of the year. Flowers of every sort and hue were shown there which would have done credit to the growers of any country, some of the rarest, as well as some of the oldest favourites being included. Nor were the vegetables over-looked, for there was a display of these which would have gladdened the heart of a vegetarian. Some lectures have been given by the members of the Association on the topic of Horticulture, and its progress in the Province. Nor have we during the past year been unmindful of subjects of a higher order. Our Philosophical Institute is already "a great fact," and we have had some lectures delivered which were distinguished by a considerable amount of talent, especially that by Mr. Travers on acclimatization; the papers by Dr. Haast and Mr. Buller were very valuable additions to our stock of knowledge on the subjects of which they severally treated.

Turning now to lighter matters, we have been well supplied with amusements. We have now a permanent Theatre, where the highest and the slightest productions of the older and the more modern dramatists have been placed on the stage in a very creditable manner. We must not pretermit, to use a Scotch phrase, the visit of the Lyster Opera Company, who presented us with a variety of operas of every school of music, in the most excellent style. Their stay amongst us was an epoch in our history. They achieved a grand success, their performances being received with the greatest enthusiasm, and being furnished at the highest price paid here for theatrical entertainments.

The world-renowned All England Eleven arrived at Lyttelton on February 6th, and were received with acclamation. The days of their stay were kept almost entirely as holidays, the whole city wearing an aspect of gaiety. Several matches were got up on the ground at Hagley Park, where some good play took place, the Canterbury Clubs sustaining their reputation. After being fêted in every possible way, and entertained by his Honor the Superintendent, they took their departure from Lyttelton on February 20th, amidst the cheers of the assembled crowds.

Musical taste has also made some progress here. Our Musical Society comprises several accomplished amateurs, and they executed in capital style many difficult masterpieces of music at the various concerts which they have given.

During the past twelve months a variety of races, both flat and steeplechase, have taken place. Two of the latter took place in the neighbourhood of Christchurch, one at Kaiapoi and one in the Heathcote Valley. Some good sport was shown at all of them. This is the first year in which this kind of racing has been witnessed here.

We have had to deplore the deaths of some of our oldest settlers, who were so thoroughly identified with the establishment and continuance of the settlement. Mr. Ebenezer Hay, so well known and respected at Pigeon Bay, lost his life by accidentally falling from the cliffs, as he was passing from Christchurch to Lyttelton, during the month of October, 1863. The Venerable the Archdeacon of Akaroa died (after a short illness) on the 18th June. He was one of our oldest settlers, and was greatly regretted. He was buried in the cemetery, Christchurch, on the 21st, amid every demonstration of respect, the Freemasons, of which body he was the Deputy Provincial Grand Master and Chaplain, attending the procession. Mr. George Rhodes died on the same day, and almost at the same hour, as the Archdeacon. His death, which took place at Purau, caused a great feeling of regret. His remains were interred in Lyttelton cemetery, on the 23rd. The inhabitants of Lyttelton did all in their power to show their respect for the deceased gentleman.

In conclusion, we may remark that Canterbury has great reason to be satisfied with the advance it has made in every respect, and may with confidence look forward to the great future which awaits it.

MEMORABILIA OF THE YEAR, 1863-4.

DECEMBER.

- 16th.—Anniversary, kept as a holiday in the Province.
- 17th.—Examination at Grammar School.
- 23rd.—Confirmation by the Bishop; 45 candidates confirmed.
- 24th.—Bonnington's Hall opened by a Concert by the Canterbury Musical Society.
- 28th.—Akaroa Races.
- 29th.—Moorhouse Tunnel illuminated.
- 31st.—Mr. William Thomson, M.H.R., addressed his constituents at Papanui.

JANUARY.

New Year's Day.—Regatta at Lyttelton and at Akaroa. New Presbyterian Church opened, as well as a Congregational one, temporarily, at Bonnington's Hall.

- 19th.—Canterbury Races.
- 23rd.—Mr. Rolleston, Provincial Secretary, elected M.P.C. for the Heathcote.
- 26th.—Meeting of Canterbury Presbytery.
- 27th.—The corner-stone of the new Wesleyan Church laid.
- 29th.—Mr. Jollie, M.H.R., addressed his constituents at Timaru.

FEBRUARY.

- 6th.—Arrival of English Cricketers.
- 20th.—Departure of the Eleven.
- 24th.—Timaru Races.

MARCH.

- 1st.—Session of the Supreme Court, criminal cases.
- 15th.—Sittings for the dispatch of civil business.
- 16th.—Horticultural Show in Cathedral Square Gardens.
- 21st.—Hansom's Cabs introduced into Christchurch. Daring robbery of jewellery, at the house of Mr G. Taylor, Lyttelton.
- 30th.—Concert for the benefit of the Christchurch Orphanage at Bonnington's Hall.
- 31st.—Bazaar for the same institution at Kohler's Gardens.

APRIL.

- 11th.—Public meeting (preliminary) at the Town Hall, on the subject of the Panama contract.
- 18th.—Another meeting held on the same subject. Swing-bridge across the Heathcote opened. News of the discovery of gold at the West Coast reached Christchurch.
- 20th.—Mr. W. Wilson elected M.P.C. for Kaiapoi.
- 25th.—Meeting at the Town Hall, on the subject of Acclimatization.

MAY.

- 16th.—Trotting-match at Timaru. Pillar letter-boxes introduced into Christchurch.
- 17th.—Confirmation by the Bishop in Lyttelton; 25 young persons confirmed.
- 29th.—New Roman Catholic Church on the Ferry Road opened.

JUNE.

- 1st.—Session of the Supreme Court, criminal cases; civil business commenced on the 10th.
- 2nd.—Foundation Stone laid of the new Presbyterian Church, in Lyttelton.
- 4th.—Great Fire in Colombo-street. "Ivanhoe" brought out the apparatus for the light-house on Godley Head.
- 17th.—Distribution of prizes at the Christchurch Grammar School.
- 18th.—Deaths of Archdeacon Mathias and Mr. George Rhodes.
- 28th.—Fire at the Golden Fleece.

JULY.

- 1st.—Meeting of the Church Institute at Bonnington's Hall; Mr. Louis read a paper on the establishment of churches in the colonies. The first plant of the Gas Works arrived by the "Amoor."
- 6th.—Meeting of the Governors of the Hospital for the purpose of handing over its management to the Government.
- 24th.—Fire at the Villa Hotel, Akaroa.

AUGUST.

- 2nd.—The Diocesan Synod met and continued in session until the 13th.
- 4th.—Canterbury Maiden Steeplechase.
- 10th.—Foundation Stone of Lyttelton Parsonage laid.
- 11th.—Ploughing Match at Kaiapoi; testimonial to Mr. W. White.
- 25th.—Fire at the stables attached to the Oxford Hotel.

SEPTEMBER.

- 1st.—Fire in Colombo-street, on the premises of Mr. Younghusband. Session of the Supreme Court, the civil cases commenced on the 10th.
- 6th.—Arrival of the "British Empire," the largest ship which ever visited the port of Lyttelton.
- 8th.—Annual Ploughing Match at Leithfield.
- 16th.—The new Town Hall inaugurated by a concert.
- 17th.—Opening of the new Union Bank of Australia in Hereford-street, Christchurch.
- 19th.—Daring robbery at the stores of Messrs. Walton, Warner and Co.
- 28th.—Opening of Victoria Bridge.
- 24th.—Heathcote Steeplechase.

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Bedsteads, iron	Packages	Ironmongery	4s. per cwt.
" wooden	"	"	Free
Biscuits, all kinds	Cwt.	"	"
*Bitters, if under 25 per cent. alcohol, (see also cordials)	Packages	"	5s. per foot
Bitters, if over 25 per cent. alcohol (see also cordials)	Gallons	"	12s. per gallon
Bitters Drake's Plantation	"	Cordials	5s. per foot
" Hostetters	"	Sweet spirits	12s per gallon
" Orange (Bishop)	"	Cordials	5s. per foot.
" Tonic, quinine	"	"	Free
Blacking	Packages	"	"
Blacklead	"	"	"
Blocks, wood	"	"	"
" iron	"	"	4s. per cwt
" for ships' use	"	"	Free
Blue	"	"	"
Blue stone	"	"	"
Boats	Number	"	"
Boilers, iron (if machinery)	Packages	Machinery	"
" iron	"	Ironmongery	4s. per cwt.
Books	"	"	Free
" obscene	"	"	Prohibited
Boots, shoes	"	"	5s. per foot
Goloshes, slippers	"	"	"
Boot tops	"	"	Free
Boot fronts	"	"	"
Bottles, empty	"	"	"
Bottling machines	Number	Machinery	"
Bran	Bushels	"	"
Brass in sheets	Cwt	"	"
Brassware	Packages	Hardware	4s. per cwt
Bricks	Thousands	"	Free
Brooms	Packages	Brushware	"
Brushware	"	"	"
Buckets, iron	"	Ironmongery	4s. per cwt
Buckets, wood	"	Woodware	Free
Bullock bows, iron	"	"	4s. per cwt
" wood	"	"	Free
Butter	"	"	"
Cables, iron or hemp	"	"	"
Calves foot jelly	"	"	"
Camphine oil	Gallons	"	"
Camphor	Packages	"	"
Candied Peel	"	"	"
Candles, describe the kind, viz., whether wax, sperm, or tallow	Cwt	Confectionery	5s. per ft.
Candied sugar	Packages	"	4s. per cwt.
Canvas, if not superior to ordinary sail cloth	"	"	5s. per ft.
Caps, cloth or straw	"	"	Free
Caps, percussion. Prohibited except under license	Thousands	"	5s. per ft.
Capers	"	"	Free
Cards	Packages	Oilmen's stores	5s per foot
Carpet bags	"	"	Free
Carpeting	"	Woollen manfacts	5s per foot
Carraway seeds	"	"	5s per foot
Carriages	Number	"	Free

* Subject to importer producing satisfactory proof that the proportion of Alcohol is under 25 per cent.

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Carriage lamps	Packages	Hardware	4s per cwt.
Carriage and cart springs (imported separately)	"	"	Free
Cartridges, see arms. Importation prohibited except under license	Thousands	"	{ 3d per lb. on the powder
Carts, coaches, and drays	Number	"	Free
Casks, empty	"	"	"
Casings or sausage skins	Packages	"	"
Castings, iron, as balcony railings or supports for building purposes only	Tons	"	"
Castor oil	Packages	Apothecary ware	"
Cattle food	"	"	"
Cattle	Number	"	"
" infected. See Diseased Cattle Act and Proclamation	"	"	Prohibited
Catsup	Packages	"	5s per foot
Cement	"	"	Free
Chaff	Bushels	"	"
Chaffcutters	Packages	Agricul. implmants	"
Chalk	"	"	"
Chains, for ships' use only	Cwt.	"	"
" all other kinds	"	Ironmongery	4s per cwt.
Chamois leather	"	"	Free
Cheese	"	"	"
Cheese presses	Packages	Machinery	"
Cherry brandy, (see cordials and liqueurs,) if under 25 per cent. alcohol	"	Oilmen's stores	5s per foot
" if over 25 per cent. alcohol	Gallons	"	12s per gallon
Chicory	Lbs.	"	3d per lb.
Chinaware	Packages	"	Free
Chocolate	Lbs.	"	3d per lb.
Church apparel	Packages	Apparel	5s per foot
" plate	"	"	4s per cwt.
Chutney	"	Sauce	5s per foot
Cider and perry, in bottle	Gallons	"	1s 8d per gallon
" in wood	"	"	9d per gallon
Cigars	Lbs.	"	4s 8d per lb
" *In ships under 40 tons burthen, or in packages less than 60 lbs. nett, or less than 10,000 in number, or in packages containing any other goods	"	"	Prohibited
Coals	Tons	"	Free
Clocks and watches	Packages	"	"
" jewelry	"	"	"
Clogs, garden	"	Woodware	"
Cocoa	Lbs.	"	3d per lb.
Coffee	"	"	3d per lb.
Coffee mills, large and small	Packages	Machinery	Free
Coffee, essence of	"	"	"
Coin	Value	"	"
" tokens	Cwt	"	4s. per cwt.
" spurious, false, or counterfeit, sterling...	"	"	"
" sterling, of British possession, below standard weight or fineness	"	"	Prohibited
Coke	Tons	"	Free
Collars, paper	Packages	"	"
" dog, leather	"	"	"

* Restriction suspended by Proclamation dated April 19, 1859. See Gazette, No. 13, 1859.

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Collars, dog, brass	Packages	Hardware	4s. per cwt.
Collar check for saddlery	"	"	5s. per foot
Colors	"	Paints	Free
Combs, tortoiseshell	"	"	"
Combs, horn	"	Brushware	"
Combs, iron or other material	"	Hardware	4s. per cwt.
Confectionery	"	"	5s. per foot
Copper bars	Cwt	"	Free
" manufactured	Packages	"	4s. per cwt.
" in sheets	Cwt	"	Free
" tokens	Packages	"	4s. per cwt.
Copying presses	"	"	4s. per cwt.
Cordage and wool-lashing	Cwt	"	Free
Cordials, if over 25 per cent. alcohol	Gallons	"	12s. per gal.
" if under 25 per cent. alcohol	Packages	Oilmen's stores	5s. per foot
Cotton manufactures (see text of tariff)	"	"	"
" waste	"	"	Free
" wick	"	"	"
Crab winches	"	Machinery	"
Cream of tartar	"	Apothecary wares	"
Crinolines	"	Haberdashery	5s. per foot
Curacao	Gallons	Sweetened spirits	12s. per gal.
Currants, raisins, figs, &c.	Packages	Dried fruit	5s. per foot
Curry powder	"	"	Free
Outlasses (see arms), importation prohibited	"	"	"
except under license	"	Cutlery	4s. per cwt.
Cutlery	"	"	"
Dates	"	Dried fruit	5s. per foot
Doors, wood	Number	Woodware	Free
" iron	Packages	Ironmongery	4s. per cwt.
Drapery	"	"	5s. per foot
Drugs	"	Apothecary wares	Free
Draining pipes, earthen	"	"	"
" iron	"	"	"
Earthenware	"	"	"
Eau de Cologne	Gallons	Perfumed spirits	12s. per gal.
Eider down quilts	Packages	Drapery	5s. per foot
Eggs	"	"	Free
Embroidery	"	"	5s. per foot
Engine packing	"	"	Free
Engines, garden	"	"	"
Engravings	"	"	"
" indecent	"	"	Prohibited
Essences, flavoring	"	"	Free
Essential oils, in small quantities	"	"	"
Feathers, millinery	"	Millinery	5s. per foot
" upholstery	"	"	Free
Felt for roofing	"	"	"
Felt for carpeting	"	"	"
Fencing wire, standards and straining	"	Wool, manufacts.	5s. per foot
machines	Tons	"	Free
Fencing wire, Supports or standards	"	"	"
Fibre cocoa nut	Packages	"	"
Figs	"	Dried fruit	5s. per foot

* Subject to Importers producing satisfactory proof that proportion of Alcohol is under 25 per cent.

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Fire clay	Packages	"	Free
Filters	"	"	"
Fire engines	"	Machinery	"
Fish, fresh	"	"	"
Fish, paste	"	"	5s. per foot
Fish, potted	"	"	"
Fish, preserved	"	"	Free
Fish, salted	"	"	"
Fishing nets	"	"	"
Fishing rods	"	"	"
Flax	Tons	"	"
Flock	Packages	"	"
Floor cloth	"	"	"
Flour	Tons	"	"
Flowers, artificial	Packages	Millinery	5s. per foot
Forge bellows	"	"	Free
" ironwork	"	Ironmongery	4s. per cwt.
Forks, digging	"	"	"
" hay pitching	"	"	"
" wood	"	"	Free
Fruit, bottled	"	Oilmen's stores	5s. per foot
Fruit, dried or preserved	"	Dried fruits	"
" green	"	"	Free
Furniture, wooden	"	"	"
" iron	"	Ironmongery	4s. per cwt.
Galvanized iron ware (See iron)	"	"	"
" iron ware	"	"	4s. per cwt.
" for fencing	Tons	"	Free
" for telegraph	"	"	"
Garden engines	Packages	"	"
Gas apparatus, piping and plant	Tons	"	"
Gates, iron	Packages	"	4s. per cwt.
Gelatine	"	"	Free
Ginger (see oilmen's stores)	"	"	"
Ginger bread	"	"	Free
Ginger bread nuts	"	Confectionery	5s. per foot
Ginger brandy, if under 25 per cent. alcohol	"	"	"
Ginger brandy, if over 25 per cent.	Gallons	"	12s. per gallon
Ginger cordial (same as ginger brandy)	"	"	"
Ginger wine	"	"	4s. per gallon
Girth web	Packages	Woollen manufac.	5s. per foot
Glass bottles	"	"	Free
" plate	"	"	"
" ware	"	"	"
" window	"	"	"
Glue	"	"	"
Gold on exportation, if at authorized ports	Ounces	"	2s 6d per ounce
Gold on exportation at ports not approved by Governor, or contrary to Governor's regulations	"	"	Prohibited
Gold coin	Value	"	Free
Gold dust	Ounces	"	"
Gold wrought or unwrought	"	"	"
Gold leaf	Packages	"	"
Golden syrup (see molasses)	"	"	"
Government stores of all kinds for use of Provincial Government	"	"	"
Grain, viz.,—Barley	Bushels	"	"
Beans	"	"	"

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Grain, viz.—Dholl	Bushels		Free
Gram	"		"
Maize	"		"
Malt	"		"
Oats	"		"
Peas	"		"
Wheat	"		"
Grindery	Packages		"
Grindstones	Number		"
Groats	Packages		"
Guano	Tons		"
Gum arabic	Packages		"
Gum	"		"
Gun barrels (importation prohibited except under license)	Number		5s each
Guns (importation prohibited except under license)	"		5s each
Guns, whaling	"		Free
Gun metal	Cwt.		"
Gutta percha	Packages		"
Note.—A manufacture of any article in Section 7 of tariff in which gutta percha is used merely.			
Hardware	"		4s per cwt
Haberdashery	"		5s per foot
Hames, separately imported	"		4s per cwt
Harness and saddlery	"		Free
Harrows	Number		"
Hats, all kinds	Packages		5s per foot
Hay forks, iron	"	Ironmongery	4s per cwt
" wood	"	Woodware	Free
Hides	Number		"
" infected	"		Prohibited
Holloware	Packages		4s per foot
Honey	"		Free
Hoofs	Number		"
" infected	"		Prohibited
Hops	Pockets		Free
Horsehair	Packages		"
Horse shoes	"	Hardware	4s per cwt
Horse shoe nails	Cwt.		Free
Horns	Number		"
" infected	"		Prohibited
Hosiery	Packages		5s per foot
Houses, wood or iron	"		Free
" iron spouting for ditto	Cwt.		4s per cwt
Huckaback	Packages	Linen manufacture	5s. per foot
Hurdles, iron	"		Free
Ice	Tons		"
India-rubber	Packages		5s. per foot
" goloshes	"		"
Ink	"		"
Instruments, musical	"	Stationery.	Free
" scientific	"		"
Insurance plates	"		"
Iron, viz.—angle	Tons	Hardware.	4s. per cwt
" balcony railing	"		Free
" bar	"		"

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Iron, viz.—buoys	Number		Free
chairs	Packages		4s. per cwt
coffee mills large or small	"		Free
draining pipes	Tons		"
gas piping	"		"
gutter angles	Packages		4s. per cwt
guttering	"		"
hoop	Tons		Free
hurdles	Packages		"
mangles	"		4s. per cwt
ornamental for roofing	"		"
pig	Tons		Free
pipng	Packages	Ironmongery.	4s. per cwt
railway	Tons		Free
ridge caps	Packages	"	4s. per cwt.
rivets	"		"
rod	Tons		Free
safes	Packages	"	4s. per cwt
screws	"		"
screw plates	"		"
screw piles and fittings for ditto	Tons		Free
sheet	"		"
for ships' use	"		"
standards for desks	Packages		4s. per cwt
" for fencing	"		Free
telegraphic wire	Tons		"
tiles	Packages		"
wire, small	"		4s. per cwt
" for fencing	Tons		Free
Ironmongery	Packages	"	4s. per cwt
Isinglass	"		Free
Jams	"	Oilmen's stores	5s. per foot
Jellies	"	Confectionery	"
Jelly, calves foot	"		Free
Jewelry and watches	"		"
Jews-harps	"		"
Jujubes	"	"	5s. per foot
Keys	"	Ironmongery	4s. per cwt
Kip leather	Cwt.		Free
Knife cleaning machines	Packages	Machinery	"
Lace	Packages		5s. per foot
Lacquered ware	"	Hardware	4s. per cwt
Lamps, glass or porcelain	"	Glassware	Free
" metal	"	Hardware	4s. per cwt
Lamp black	"		Free
Lard	"		"
Lanterns for ships use only	"		"
" other kinds	"	Hardware	4s. per cwt
Lathes, iron turning	"	Hardware	"
Lavender water (see perfumed spirits)	Gallons		12s. per gallon
Lead, importation prohibited except under license	Cwt.		Free
Lead pipe, ditto	"		"
" linings for cases, ditto	"		"
Leather	"		"
Leather leggings	Packages		"
" bags	"		"

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Lemons ...	Packages		Free
Lemon syrup ...	"		"
Lime ...	"		"
Lime juice ...	"		"
Linen manufactures (see text of tariff) ...	"		5s per foot
Liqueurs (see cordials, spirits, &c.) ...	Gallons	Sweetened spirits	12s per gallon
Liquorice ...	Packages	Apothecary ware	Free
Lithographs ...	"		"
" indecent ...	"		Prohibited
Live stock ...	Number		Free
Lobsters, preserved ...	Packages	Preserved fish	"
Looking glasses ...	"	Furniture	"
Lozenges ...	"	Confectionery	5s per foot
" medicated ...	"	Apothecary ware	Free
Maccaroni ...	"	Oilmen's stores	4s per foot
Machinery, viz.—			Free
Knife cleaning ...	"		"
Milling ...	"		"
Reaping ...	"		"
Sausage ...	"		"
Sewing ...	"		"
Straining for wire fencing ...	"		"
Threshing ...	"		"
Tobacco cutting, large ...	"		"
" small ...	"	Cutlery	4s per cwt.
Washing ...	"		Free
Weighing, large ...	"		"
Winnowing ...	"		"
Mill machinery, viz.—			"
Flax ...	"		"
Flour ...	"		"
Milking ...	"		"
Mortising and general machinery of all kinds ...	"		"
Mangles, wood ...	"		"
" iron ...	"	Ironmongery	4s per cwt.
Maraschino (see cordials, liqueurs, spirits) ...	Gallons	Sweetened spirits	12s per gallon
Marble ...	Packages		Free
Marbles, for playing, importation prohibited except under license ...	"		"
Marmalade ...	"	Confectionery	5s per foot
Matches ...	"		Free
Mats, woollen ...	"	Woollen manufac.	5s per foot
" cocoa or coir ...	"		Free
" china ...	"		"
Matting ...	"		"
Meal, all kinds ...	Tons		"
Meats, potted or preserved ...	Packages		"
Medicated lozenges, if in small lots ...	"	Apothecary wares	"
Metal, yellow ...	Tons		"
Millinery ...	Packages		5s per foot
Milling machinery ...	"		Free
Milking machines ...	"		"
Mortising machines ...	"		"
Molasses (sugar and golden syrup) ...	Lbs.		1d per lb.
Musical instruments ...	Packages		Free
Mustard ...	"	Oilmen's stores	5s per foot
Nails of all kinds. (Describe sorts.) ...	Cwt.		Free
Naptha oil ...	Gallons		"

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Nectar (Prince of Wales liqueur), containing less than 25 per cent alcohol ...	Packages		5s per foot
Needles and pins ...	"	Haberdashery	5s per foot
Night lights, wooden or cork floats ...	"		Free
" wax or stearine ...	"		4s per cwt.
Nine pins ...	"	Woodware	Free
Nuts, fruit of all kinds ...	"		"
Nuts, iron ...	"	Ironmongery	4s per cwt.
Nuts, ginger bread ...	"	Confectionery	5s per foot
Nutmegs ...	"	Spices	"
Oakum ...	"		Free
Oars ...	Number		"
Oatmeal ...	Cwts.		"
Oil, castor ...	Packages	Apothecary ware	"
" Chinese ...	Gallons		"
" cocoa nut ...	"		"
" cod liver ...	Packages		"
" colza ...	Gallons		"
" croton ...	Packages	Apothecary ware	"
" kerosine ...	Gallons		"
" linseed ...	"		"
" olive, Florence, Galipoli, Lucca ...	Packages	Oilmen's stores	5s per foot
" " perfumed ...	"	Perfumery	Free
" olive, in cask for machinery ...	"		5s per foot
" palm ...	Gallons		Free
" palm ...	"		"
" parafin ...	"		"
" polar ...	Packages		"
" Rhodium ...	"	Apothecary ware	"
" salad ...	"	Oilmen's stores	5s per foot
" sperm ...	Gallons		Free
Oils, essential, in small quantities ...	Packages		"
Oil cloth, table covers ...	"	Drapery	5s per foot
" floor cloth ...	"		Free
Oilmen's stores ...	"		5s per foot
Olives ...	"	Oilmen's stores	"
Olive oil ...	"		"
Olive oil, perfumed ...	"	Perfumery	Free
Onions, fresh ...	"		"
" bottled, pickled ...	"	Oilmen's stores	5s per foot
Opium ...	"	Apothecary ware	Free
" in ships under 40 tons burthen ...	"		"
" in packages under 45 lbs nett ...	"		"
" in packages with any other goods ...	"	Prohibited	Prohibited
Orange bitters, see cordials and spirits, if containing over 25 per cent alcohol ...	Gallons		12s per gallon
" if containing less than 25 per cent alcohol ...	Packages		Free
Oysters, preserved ...	"		"
Paintings ...	"		"
" indecent ...	"		Prohibited
Paints ...	Packages		Free
Painters' materials ...	"		"
Paper ...	"		"
" collars ...	"		"
" hangings ...	"		"
Papier-mache goods ...	"		"

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Pears, fresh	Packages		Free
Pearl barley	"		"
Peal of bells	Number		"
Pepper	Packages		5s. per foot
Perambulators	"		Free
Percussion caps (see Arms, Caps)	"		"
Perfumery, not otherwise enumerated	"		"
Perfumed spirits	Gallons		12s. per gal.
Photographs	Packages		Free
" indecent	"		Prohibited
Pianos	"		Free
Pick axes, picks	"	Ironmongery	4s. per cwt.
Pickles, in casks	"	"	5s. per foot
Pins, iron, for ships and boats...	"	"	Free
" for bullock drays, imported separately	"	"	4s. per cwt.
Pipes, iron drain	"	"	"
" earthen draining	"	Earthenware	Free
" gas	"	"	"
" hawse	"	"	"
" iron	"	Ironmongery	4s. per cwt.
" tobacco	"	"	Free
Pistols (see Arms), importation prohibited except under license	Number		5s. each
Pitch and tar	Packages		Free
Plants	"		"
Plate, silver and gold	"		4s. per cwt.
Plated ware	"		Free
Ploughs	Number		"
Pollard	Bushels		"
Pontefract cakes	Packages	Apothecary ware	"
Plaster of Paris	"	"	"
Posts, iron, for fencing	Tons		"
" wooden	Number		"
Potatoes, preserved	Packages		"
" green	Tons		"
Powder, sporting (importation prohibited except under license)	Lbs.		3d. per lb.
" blasting, do	"		Free
Precious stones	Packages		"
Preserves and preserved fruits, pickles	"	Oilmen's stores	5s. per foot
Prince of Wales Nectar, containing less than 25 per cent. alcohol	"	"	"
Prints	"		Free
" indecent	"		Prohibited
Printing materials	"		Free
Prohibited goods (see end)	"		"
Provisions generally (but see oilmen's stores)	"		4s. per cwt.
Pumps	Packages	Ironmongery	Free
Quartz	"	"	"
Quartz crushing machine	"	"	"
Quicksilver	"	"	"
Railway plant	Tons		4s. per cwt.
Railings, balcony iron	"		"
" garden	Packages	Ironmongery	"
" tomb	"	"	"
Raisins and currants	"	Dried fruits	5s. per foot
Raspberry vinegar	"	Oilmen's stores	"
Rice	Tons		Free
Rick cloths, if materials not superior to ordinary sail cloth	Packages		"

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Resin	Packages		Free
Revolvers (see arms)	"		"
Rope	Cwt.		"
Rum (see bay rum)	"		"
" (see spirits)	"		"
Sash weights	Numbers		"
Sacks, bags	Packages	Ironmongery	4s. per cwt.
Safes, iron	"	"	Free
Sago	"	"	4s. per cwt.
Sail cloths	"	"	Free
Salt	Tons	"	"
" rock	"	"	"
Saltpetre—importation prohibited, except under license	Packages	"	"
Samples unfit for sale or use	"	"	"
Sardines	"	"	"
Sarsaparilla bitters	"	Oilmen's stores	5s. per foot
Sauces	"	Apothecary ware	Free
Sausage machines	"	Oilmen's stores	5s. per foot
Saws	"	Machinery	Free
Saw files	"	Ironmongery	4s. per cwt.
Scab specific for sheep	"	"	"
Scales, small weighing	"	"	"
Screws, iron	"	Ironmongery	4s. per cwt.
" wood	"	Woodware	Free
Screw piles, iron	Numbers	"	"
" bolts	Packages	Ironmongery	4s. per cwt.
" jacks	"	"	"
Scythes	"	"	"
Seeds	Cwt.	"	"
Sharps	Bushels	"	Free
Sheaves, metal, for ship's use	Packages	"	"
" wood	"	"	"
Sheep	Number	"	"
" infected	"	"	Prohibited
Ship chandlery	Packages	"	Free
Shot—importation prohibited, except under license	Cwt.	"	"
Shovels	Packages	"	"
Silk and silk goods (see text of tariff)	"	"	4s. per cwt.
Silver coin	"	"	Free
" plate	"	"	"
Skins with fur	"	Furs	5s. per foot
Slates	Thousands	"	Free
Snuff	lbs.	"	4s. 6d. per lb.
" in ships under 40 tons burthen, in packages under 60 lbs. nett, or in packages with other goods*	"	"	Prohibited
Soap	cwt.	"	4s. per cwt.
" powder	Packages	"	Free
Soda, washing	"	"	"
" carbonate	"	"	"
Soups, preserved	"	Provisions	"
Spades	"	"	"
Specie (see coin)	"	"	4s. per cwt.
Spices	Packages	"	"
Spirits	Gallons	"	5s. per foot
			12s. per gallon

* Suspended, see Cigars.

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Spirits, not being perfumed or medicinal, in ships under 40 tons burthen, in casks under 14 gallons, in glass or stone bottles, each exceeding 3 pint capacity ...			Prohibited
Spirits of tar and turpentine ...	Packages		Free
Standards, iron for fencing ...	"		"
Starch ...	"		"
Stationery ...	"		"
Steel ...	cwt.		"
Straining machines for wire fencing ...	Packages		"
Sugar ...	lbs.		1d. per lb.
Sugar candy ...	Packages	Confectionery	5s. per foot
" barley ...	"		"
Sulphur ...	"		Free
Syrup, golden (see molasses) ...	lbs.		1d. per lb.
Syrups ...	Packages		Free
Supports for wire fencing ...	Tons		"
Swords, importation prohibited, except under license	Number	Cutlery	4s. per cwt.
Tacks ...	cwt.	Nails	Free
Tallow ...	cwt.		"
Tanks, iron ...	Number		"
Tapioca ...	Packages		"
Tar and pitch ...	"		"
Tarpaulins ...	"		"
Tarpaulins of materials superior to sail cloth ...	"		5s. per foot
Tea ...	lbs.		6d. per lb.
Telegraph wire ...	Tons		Free
" materials ...	Packages		"
Tents of material not superior to ordinary sail cloth ...	"		"
" If superior to do. ...	"		5s. per foot
Thrashing machines ...	"		Free
Timber, battens ...	Number		"
" felloes ...	"		"
" naves ...	"		"
" palings ...	"		"
" sawn ...	Feet		"
" shingles ...	Thousands		"
" spokes ...	Number		"
Tin in blocks ...	cwt.		"
Tin, in plates ...	cwt.		"
Tin ware ...	Packages		4s. per cwt.
Tobacco ...	lbs.		2s. 6d. per lb.
" in ships under 40 tons burthen, in packages under 60 lbs. nett, in packages with any other goods *			Prohibited
Tobacco, sheepwash ...	lbs.		Free
Toilette vinegar ...	Packages	Perfumery	"
Tomb railings ...	"	Ironmongery	4s. per cwt.
Treacle (see molasses) ...	lbs.		1d. per lb.
Trowels ...	Packages	Ironmongery	4s. per cwt.
Trunks, empty ...	"		Free
Turpentine, Spirits of ...	Gallons		"
Twine ...	lbs.		"
Upholstery ...	Packages		Free

* Restriction suspended; see Cigars.

ARTICLES.	HOW ENTERED.		RATE OF DUTY.
	BY NUMBER OR QUANTITY.	UNDER WHAT HEADING.	
Umbrellas and Parasols ...	"	Haberdashery	5s. per foot
Varnish ...	"		Free
Vegetable ...	"		"
Vermicelli ...	"	Oilmen's stores	5s. per foot
Vinegar ...	Gallons		Free
" Raspberry ...	Packages	Oilmen's stores	5s. per foot
" Toilette ...	"	Perfumery	Free
Volunteer uniforms ...	"	Apparel	5s. per foot
Vices ...	"	Ironmongery	4s. per cwt.
Washing powder ...	"		Free
Watches and Jewelry ...	"		"
Wax ...	Cwt.		"
Wax night lights ...	Packages		4s. per cwt.
Web Girth ...	"		5s. per foot
Weighing Machines ...	"	Machinery	Free
Weighbridge ...	"	Machinery	"
Well chains ...	"	Ironmongery	4s. per cwt.
Whalebone ...	Cwt.		Free
Whaling-gear ...	Packages		"
Wharf or screw piles (iron) ...	Tons		"
Whiting ...	Packages		"
Whips ...	"	Saddlery	"
Wickerwork ...	"		"
Winches for ships ...	"		"
Windlasses ...	"		"
Wine ...	Gallons		4s. per gallon
Winnowing Machines ...	Packages		Free
" Cloths, if not superior to ordinary sail cloth ...	"		"
Wire, large, for fencing ...	Tons		"
" small, ...	Cwts.	Ironmongery	4s. per cwt.
" netting ...	"		Free
" Telegraph ...	"		"
Wire straining machines ...	Packages		"
Woolen manufactures ...	"		5s. per foot
Woolpack ...	"		Free
Yarn, woollen, worsted, linen, silk ...	"		5s. per foot
Yeast ...	"		Free
Zinc, sheet ...	Tons		"
" ware ...	Packages	Hardware	4s. per cwt.
" guttering ...	"	Hardware	"

TABLE TO FIND CONTENTS OF CASES, &c., OF A GIVEN AMOUNT.

EXAMPLE.—T.S. 1.149. 99 cases spirits at 1 $\frac{3}{4}$ galls. = 176 $\frac{3}{4}$ galls. 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 $\frac{3}{4}$.

1	2	3	4	5	6	7	8	9	10	20	30	40	50	60	70	80	90	100
3.4	2.26	2.16	2.6	1.28	1.18	1.8	1.28	1.18	1.8	1.28	1.18	1.8	1.28	1.18	1.8	2.16	2.26	3.4
6.8	4.52	4.32	5.2	3.56	3.36	5.2	3.56	3.36	5.2	3.56	3.36	5.2	3.56	3.36	5.2	4.5	4.52	6.8
10.2	7.04	6.84	8.4	5.92	5.72	8.4	5.92	5.72	8.4	5.92	5.72	8.4	5.92	5.72	8.4	7.16	7.04	10.2
13.6	9.36	9.16	11.2	8.16	7.96	11.2	8.16	7.96	11.2	8.16	7.96	11.2	8.16	7.96	11.2	10.30	9.36	13.6
17.0	11.68	11.48	14.4	10.40	10.20	14.4	10.40	10.20	14.4	10.40	10.20	14.4	10.40	10.20	14.4	13.4	11.68	17.0
20.4	14.0	13.8	17.2	12.80	12.6	17.2	12.80	12.6	17.2	12.80	12.6	17.2	12.80	12.6	17.2	16.10	14.0	20.4
23.8	16.32	16.12	20.0	15.20	15.0	20.0	15.20	15.0	20.0	15.20	15.0	20.0	15.20	15.0	20.0	18.4	16.32	23.8
27.2	18.64	18.44	23.2	17.60	17.4	23.2	17.60	17.4	23.2	17.60	17.4	23.2	17.60	17.4	23.2	21.16	18.64	27.2
30.6	20.96	20.76	26.4	19.20	19.0	26.4	19.20	19.0	26.4	19.20	19.0	26.4	19.20	19.0	26.4	23.8	20.96	30.6
34.0	23.28	23.08	29.6	20.80	20.6	29.6	20.80	20.6	29.6	20.80	20.6	29.6	20.80	20.6	29.6	26.4	23.28	34.0
37.4	25.6	25.4	32.8	22.40	22.2	32.8	22.40	22.2	32.8	22.40	22.2	32.8	22.40	22.2	32.8	29.0	25.6	37.4
40.8	27.92	27.72	36.0	24.00	23.8	36.0	24.00	23.8	36.0	24.00	23.8	36.0	24.00	23.8	36.0	31.6	27.92	40.8
44.2	30.24	30.04	39.2	25.60	25.4	39.2	25.60	25.4	39.2	25.60	25.4	39.2	25.60	25.4	39.2	34.2	30.24	44.2
47.6	32.56	32.36	42.4	27.20	27.0	42.4	27.20	27.0	42.4	27.20	27.0	42.4	27.20	27.0	42.4	36.8	32.56	47.6
51.0	34.88	34.68	45.6	28.80	28.6	45.6	28.80	28.6	45.6	28.80	28.6	45.6	28.80	28.6	45.6	39.4	34.88	51.0
54.4	37.2	37.0	48.8	30.40	30.2	48.8	30.40	30.2	48.8	30.40	30.2	48.8	30.40	30.2	48.8	42.0	37.2	54.4
57.8	39.52	39.32	52.0	32.00	31.8	52.0	32.00	31.8	52.0	32.00	31.8	52.0	32.00	31.8	52.0	44.6	39.52	57.8
61.2	41.84	41.64	55.2	33.60	33.4	55.2	33.60	33.4	55.2	33.60	33.4	55.2	33.60	33.4	55.2	47.2	41.84	61.2
64.6	44.16	43.96	58.4	35.20	35.0	58.4	35.20	35.0	58.4	35.20	35.0	58.4	35.20	35.0	58.4	49.8	44.16	64.6
68.0	46.48	46.28	61.6	36.80	36.6	61.6	36.80	36.6	61.6	36.80	36.6	61.6	36.80	36.6	61.6	52.4	46.48	68.0
71.4	48.8	48.6	64.8	38.40	38.2	64.8	38.40	38.2	64.8	38.40	38.2	64.8	38.40	38.2	64.8	55.0	48.8	71.4
74.8	51.12	50.92	68.0	40.00	39.8	68.0	40.00	39.8	68.0	40.00	39.8	68.0	40.00	39.8	68.0	57.6	51.12	74.8
78.2	53.44	53.24	71.2	41.60	41.4	71.2	41.60	41.4	71.2	41.60	41.4	71.2	41.60	41.4	71.2	60.2	53.44	78.2
81.6	55.76	55.56	74.4	43.20	43.0	74.4	43.20	43.0	74.4	43.20	43.0	74.4	43.20	43.0	74.4	62.8	55.76	81.6
85.0	58.08	57.88	77.6	44.80	44.6	77.6	44.80	44.6	77.6	44.80	44.6	77.6	44.80	44.6	77.6	65.4	58.08	85.0
88.4	60.4	60.2	80.8	46.40	46.2	80.8	46.40	46.2	80.8	46.40	46.2	80.8	46.40	46.2	80.8	68.0	60.4	88.4
91.8	62.72	62.52	84.0	48.00	47.8	84.0	48.00	47.8	84.0	48.00	47.8	84.0	48.00	47.8	84.0	70.6	62.72	91.8
95.2	65.04	64.84	87.2	49.60	49.4	87.2	49.60	49.4	87.2	49.60	49.4	87.2	49.60	49.4	87.2	73.2	65.04	95.2
98.6	67.36	67.16	90.4	51.20	51.0	90.4	51.20	51.0	90.4	51.20	51.0	90.4	51.20	51.0	90.4	75.8	67.36	98.6
102.0	69.68	69.48	93.6	52.80	52.6	93.6	52.80	52.6	93.6	52.80	52.6	93.6	52.80	52.6	93.6	78.4	69.68	102.0
105.4	72.0	71.8	96.8	54.40	54.2	96.8	54.40	54.2	96.8	54.40	54.2	96.8	54.40	54.2	96.8	81.0	72.0	105.4
108.8	74.32	74.12	100.0	56.00	55.8	100.0	56.00	55.8	100.0	56.00	55.8	100.0	56.00	55.8	100.0	83.6	74.32	108.8
112.2	76.64	76.44	103.2	57.60	57.4	103.2	57.60	57.4	103.2	57.60	57.4	103.2	57.60	57.4	103.2	86.2	76.64	112.2
115.6	78.96	78.76	106.4	59.20	59.0	106.4	59.20	59.0	106.4	59.20	59.0	106.4	59.20	59.0	106.4	88.8	78.96	115.6
119.0	81.28	81.08	109.6	60.80	60.6	109.6	60.80	60.6	109.6	60.80	60.6	109.6	60.80	60.6	109.6	91.4	81.28	119.0
122.4	83.6	83.4	112.8	62.40	62.2	112.8	62.40	62.2	112.8	62.40	62.2	112.8	62.40	62.2	112.8	94.0	83.6	122.4
125.8	85.92	85.72	116.0	64.00	63.8	116.0	64.00	63.8	116.0	64.00	63.8	116.0	64.00	63.8	116.0	96.6	85.92	125.8
129.2	88.24	88.04	119.2	65.60	65.4	119.2	65.60	65.4	119.2	65.60	65.4	119.2	65.60	65.4	119.2	99.2	88.24	129.2
132.6	90.56	90.36	122.4	67.20	67.0	122.4	67.20	67.0	122.4	67.20	67.0	122.4	67.20	67.0	122.4	101.8	90.56	132.6
136.0	92.88	92.68	125.6	68.80	68.6	125.6	68.80	68.6	125.6	68.80	68.6	125.6	68.80	68.6	125.6	104.4	92.88	136.0
139.4	95.2	95.0	128.8	70.40	70.2	128.8	70.40	70.2	128.8	70.40	70.2	128.8	70.40	70.2	128.8	107.0	95.2	139.4
142.8	97.52	97.32	132.0	72.00	71.8	132.0	72.00	71.8	132.0	72.00	71.8	132.0	72.00	71.8	132.0	109.6	97.52	142.8
146.2	99.84	99.64	135.2	73.60	73.4	135.2	73.60	73.4	135.2	73.60	73.4	135.2	73.60	73.4	135.2	112.2	99.84	146.2
149.6	102.16	101.96	138.4	75.20	75.0	138.4	75.20	75.0	138.4	75.20	75.0	138.4	75.20	75.0	138.4	114.8	102.16	149.6
153.0	104.48	104.28	141.6	76.80	76.6	141.6	76.80	76.6	141.6	76.80	76.6	141.6	76.80	76.6	141.6	117.4	104.48	153.0
156.4	106.8	106.6	144.8	78.40	78.2	144.8	78.40	78.2	144.8	78.40	78.2	144.8	78.40	78.2	144.8	120.0	106.8	156.4
159.8	109.12	108.92	148.0	80.00	79.8	148.0	80.00	79.8	148.0	80.00	79.8	148.0	80.00	79.8	148.0	122.6	109.12	159.8
163.2	111.44	111.24	151.2	81.60	81.4	151.2	81.60	81.4	151.2	81.60	81.4	151.2	81.60	81.4	151.2	125.2	111.44	163.2
166.6	113.76	113.56	154.4	83.20	83.0	154.4	83.20	83.0	154.4	83.20	83.0	154.4	83.20	83.0	154.4	127.8	113.76	166.6
170.0	116.08	115.88	157.6	84.80	84.6	157.6	84.80	84.6	157.6	84.80	84.6	157.6	84.80	84.6	157.6	130.4	116.08	170.0
173.4	118.4	118.2	160.8	86.40	86.2	160.8	86.40	86.2	160.8	86.40	86.2	160.8	86.40	86.2	160.8	133.0	118.4	173.4
176.8	120.72	120.52	164.0	88.00	87.8	164.0	88.00	87.8	164.0	88.00	87.8	164.0	88.00	87.8	164.0	135.6	120.72	176.8
180.2	123.04	122.84	167.2	89.60	89.4	167.2	89.60	89.4	167.2	89.60	89.4	167.2	89.60	89.4	167.2	138.2	123.04	180.2
183.6	125.36	125.16	170.4	91.20	91.0	170.4	91.20	91.0	170.4	91.20	91.0	170.4	91.20	91.0	170.4	140.8	125.36	183.6
187.0	127.68	127.48	173.6	92.80	92.6	173.6	92.80	92.6	173.6	92.80	92.6	173.6	92.80	92.6	173.6	143.4	127.68	187.0
190.4	130.0	129.8	176.8	94.40	94.2	176.8	94.40	94.2	176.8	94.40	94.2	176.8	94.40	94.2	176.8	146.0	130.0	190.4
193.8	132.32	132.12	180.0	96.00	95.8	180.0	96.00	95.8	180.0	96.00	95.8	180.0	96.00	95.8	180.0	148.6	132.32	193.8
197.2	134.64	134.44	183.2	97.60	97.4	183.2	97.60	97.4	183.2	97.60	97.4	183.2	97.60	97.4	183.2	151.2	134.64	197.2
200.6	136.96	136.76	186.4	99.20	99.0	186.4	99.20	99.0	186.4	99.20	99.0	186.4	99.20	99.0	186.4	153.8	136.96	200.6
204.0	139.28	139.08	189.6	100.80	100.6	189.6	100.80	100.6	189.6	100.80	100.6	189.6	100.80	100.6	189.6	156.4	139.28	204.0
207.4	141.6	141.4	192.8	102.40	102.2	192.8	102.40	102.2	192.8	102.40	102.2	192.8	102.40	102.2	192.8	159.0	141.6	207.4
210.8	143.92	143.72	196.0	104.00	103.8	196.0	104.00	103.8	196.0	104.00	103.8	196.0	104.00	103.8	196.0	161.6	143.92	210.8
214.2	146.24	146.04	199.2	105.60	105.4	199.2	105.60	105.4	199.2	105.60	105.4	199.2	105.60	105.4				

INFORMATION FOR PASSING THE FOLLOWING ENTRIES AT THE CUSTOM-HOUSE, LYTTTELTON, TO BE LANDED OR SHIPPED AT LYTTTELTON ONLY.

Prime Entry, 4 Copies, for Collector, Landing Surveyor, Landing Waiter, and Tide Waiter. Sight Entry, 4 copies, for Collector, Landing Waiter, Tide Waiter, and Importer. Perfecting of Sight Entry, 3 copies, for Collector, Landing Surveyor, and Landing Waiter. Transhipping Entry, 4 copies, for Collector, Landing Surveyor, Searcher, and Tide Waiter. Bonding Entry, 5 copies, for Collector, Landing Surveyor, Landing Waiter, Locker, and Tide Waiter. Home Consumption, 3 copies, Collector, Landing Surveyor, Locker. Sampling Order, 1 copy, Warehouse Keeper. Export or Removal from Warehouse, 4 copies, Collector, Landing Surveyor, Searcher, Locker. Export Free Goods, 3 copies, Collector, Landing Surveyor, Searcher.

NO. OF COPIES REQUIRED FOR ENTRIES PASSED AT LYTTTELTON, FOR GOODS TO BE LANDED AT CHRISTCHURCH.

Sights.—Collector's deposit note; Landing Surveyor; Christchurch Landing Waiter; Importer; Tide Waiter.

Primes.—Collector; Landing Surveyor; Landing Waiter; Christchurch Landing Waiter; Tide Waiter (permit).

Bonding Entries cannot be passed in Lyttelton for goods to be landed and bonded in Christchurch.

Home Consumption Entries; same remark applies.

Perfecting of Sight.—Collector; Landing Surveyor; Landing Waiter.

If deposit insufficient to cover duty, an extra copy of Perfecting of Sight for Christchurch Landing Waiter required.

Post Entry on goods passed for at Lyttelton, but landed and examined at Christchurch.—Collector; Landing Surveyor; Landing Waiter; Christchurch Landing Waiter.

Removals ex warehouse, under bond, to Christchurch.—Sub-Collector; Locker—Christchurch. Collector; Landing Surveyor; Searcher; Locker—Lyttelton.

To Kaiapoi.—Collector; Landing Surveyor; Locker; Searcher—Lyttelton. Sub-Collector—Christchurch. Locker—Kaiapoi.

NO. OF COPIES REQUIRED FOR ENTRIES PASSED AT CHRISTCHURCH.

Prime.—Sub-Collector; Landing Waiter; Landing Surveyor; Tide Waiter.

Sight.—Sub-Collector; Landing Waiter.—Lyttelton Landing Surveyor; Tide Waiter.

Bonding.—Sub-Collector; Landing Waiter.—Lyttelton Landing Surveyor; Tide Waiter; Locker; Warehouseman.

Post.—Sub-Collector; Landing Surveyor; Landing Waiter.

Removal ex warehouse, under bond if direct to Ports other than Lyttelton. Christchurch Sub-Collector; Searcher; Locker.

Removal ex warehouse, under bond, to Lyttelton.—Christchurch Sub-Collector; Searcher; Locker Lyttelton Collector; Landing Surveyor; Warehousekeeper.

LIST OF ARTICLES NECESSARY TO BE KEPT BY OWNERS OF BONDED WAREHOUSES.

Pumps for drawing off; syphon; valinche for sampling large or small casks; approved weighing machine, and weights to ten hundredweight; approved small scales, from half an ounce to twenty pounds weight; large lump of chalk (not whiting); paint pot, and black, white, and red paint; whitewash; paint brushes and whiting brushes; water jug; two good-sized plain tumblers; hand trucks in sufficient number; screw jacks or purchase for raising upper tier casks, so as to remove lower ones if warehouse is not fitted with racks; buckets of water; good supply of stout scantling; large supply of three-cornered chocks and racks on which to place casks; spare bungs and rags; spiles; piece of calico or linen rag; approved small desk or writing-place, and inkstands, pens, and other requisites for locker and offices, with lock and key; one cooper's driver; one cooper's adze; one cooper's hammer; one common hammer; one cold chisel; nails assorted; one gimblet; block and tackle and two slings, and two can-hooks, iron eyes, for using ditto on wooden runners or other approved purchase for lifting goods; skids; two bung starters; two bung screws; two punches for opening case goods; sheet lead and tacks for leaky casks; large funnel; approved superior locks on doors; set of stencilling plates with letters and numbers for marking and numbering warehoused goods, together with brushes and paint for the same.

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.

No. 3.

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.
J.W.	Case.	Bottles.	Gills.	Gills.	O.P.
	No. 1.	24	x 5	= 120	8.5
				8.5	
				*10.200	= 10 gills
				120	
					galls.
				130	= 4 ² / ₃ for duty.
					O.P.
	No. 2.	36	x 4 ¹ / ₂	= 162	3.4
				3.4	
				*5.508	= 6 gills.
				162	
					galls.
				168	= 5 ³ / ₄ 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 hogsheads, 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 126 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 subdivisions 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 / ₄ yards	=	1 degree of a great circle of the earth	

PARTICULAR MEASURES OF LENGTH.

A nail	=	2 ¹ / ₂ inches	} Used for measuring cloth of all kinds
Quarter	=	4 nails	
Yard	=	4 quarters	
Ell	=	5 quarters	} Used for height of horses.
Hand	=	4 inches	
Fathom	=	6 feet	} Used for measuring depths.
Link	=	7.92 inches	
Chain	=	100 links	} Measure to facilitate computation of the content, 100 square chains being equal to an acre.

GRAIN, FLOUR, AND BREAD.

A bushel of wheat weighs	...	...	60	lbs.	A bushel of barley	...	...	47
A bushel 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 280 lbs.
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	lbs. oz. dr.	A half peck	...	...	8	11	0
A quartern	...	...	4	5	8		A peck or stone of flour	...	...	14	0	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.
16 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	"
8 bushels	=	1 quarter	=	10 ¹ / ₂	cubic feet, nearly
5 quarters	=	1 load	=	51 ¹ / ₂	"

CUBIC, OR SOLID MEASURE.

1728 inches	...	...	make	...	...	1 solid foot
27 feet	...	...	...	...	...	1 solid yard
40 feet of rough, or 50 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 128 cubic feet.—A STACK of wood is 3 feet broad, 3 feet deep, and 12 feet long, being 108 cubic feet.

The dimensions of timber, stone, excavations, and all works which have length, breadth, and thickness, are 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 a cube number, being produced by multiplying the number 7 twice into itself; as, $7 \times 7 \times 7 = 343$.

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 lunar month			

In 400 years, 97 are leap years, and 303 common.

WEIGHT OF ENGLISH COIN.

	dwt.	gr.		dwt.	gr.
Gold: Sovereign	5	3 $\frac{1}{4}$	Florin	7	6 8-11ths
Half-sovereign	2	13 $\frac{1}{2}$	Shilling	3	15 3-11ths
Double Sovereign	10	6 $\frac{1}{2}$	Sixpence	1	19 7-11ths
Silver: Crown	18	4 4-11ths	Fourpence	1	5 1-11th
Half-Crown	9	2 2-11ths			

PLANTING ORCHARDS, GARDENS, &c.

Trees required to plant an acre of land.

Distance.	No.	Distance.	No.	Distance.	No.
feet. in.		feet. in.		feet. in.	
1 0	43,560	6 0	1,210	12 0	302
1 6	19,360	6 6	1,031	13 0	258
2 0	10,890	7 0	889	14 0	223
2 6	6,960	7 6	775	15 0	194
3 0	4,840	8 0	680	16 0	171
3 6	3,556	8 6	602	17 0	151
4 0	2,722	9 0	538	18 0	135
4 6	2,151	9 6	482	19 0	121
5 0	1,742	10 0	436	20 0	109
5 6	1,440	10 6	361	21 0	99

TO MEASURE UNSQUARED TIMBER.

In order to ascertain the contents, multiply the square of the quarter girth, or of $\frac{1}{4}$ 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.

$1\frac{1}{2}$ inch in every foot of quarter girth, or $\frac{1}{2}$ of the girth, is allowed for bark, except of elm. 1 inch in the circumference of the tree, or whole girth, or one-twelfth of the quarter girth is the general fair average 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 $\frac{1}{2}$ of the girth, or circumference, by double the length, and the product will be the contents.

COAL WEIGHT.

14 pounds	...	make	...	1 stone	20 cwt., or 10 large sacks	...	1 ton
28 pounds	...	...	...	1 quarter cwt.	21 tons 4 cwt.	...	1 barge or keel
56 pounds	...	...	...	1 half cwt.	20 keels, or 42 $\frac{1}{2}$ tons	...	1 ship load
1 sack of 112 pounds	...	...	...	1 cwt.	140 cwt., or 7 tons	...	1 room
1 double sack of 224 pounds	...	...	...	2 cwt.			

HAY AND STRAW.

35 pounds	...	make	...	1 truss of straw	19 cwt. 32 lbs.	...	1 load of new hay
56 pounds	...	...	...	1 truss of old hay	11 cwt. 64 lbs.	...	1 load of straw
60 pounds	...	...	...	1 truss of new hay	1 square yard of new hay	...	6 stone
36 trusses	...	...	...	1 load	1 square yard of oldish hay	...	8 stone
18 cwt.	...	...	...	1 load of old hay	1 square yard of old hay	...	9 stone

Hay is considered as new for three months, and is called old in England on the 1st of September.

In the English army, a horse in full work is allowed 16lbs. of hay, and 10lbs. of corn per day; or 10lbs. of oats, 12lbs. of hay, and 8lbs. of straw per day.

To find the weight of Hay contained in a Stack.—Multiply the length of the stack by its breadth, and multiply the result by its height, all in feet; divide the total by 27, which will give the number of square yards; this multiply by 6, 8, or 9, according to the age of the hay, as above, and the product will be the weight in stones. In measuring the height, allow off two-thirds off the amount of feet from the eaves to the top. Thus, say a stack is 30 feet long and 20 feet broad, this multiplied is 600 feet, the height to the eaves 8 feet, from the eaves to the top 3 feet—take off this last 1, and add it to the 8=9, then multiply 600 by 9=5400; then 5400 divided by 27 gives 200 square yards, and 200 multiplied by 6, makes 1200 stones of new hay.

CARPENTRY TABLES.

The square of 10 feet—100 superficial feet; 100 superficial feet—1 square of boarding, flooring, &c. 38 deals, 12 feet long, 2 $\frac{1}{2}$ inches thick, make 1 ton.

Ten feet boards to a Square.

24 boards 5 inches broad	15 boards 3 inches broad
20 " 6 " " add 1 foot	13 " 9 " " add 2ft. 6in.
17 " 7 " " add 1 foot	12 " 10 " " "

Twelve feet boards to a Square.

20 boards 5 inches broad	12 boards 8 inches broad, add 4 feet
16 " 6 " " add 4 feet	11 " 9 " " add 1 foot
14 " 7 " " add 2 feet	10 " 10 " " "
13 12 feet deals	1 square of wrought flooring
12 $\frac{1}{2}$ 12 feet deals	1 square of rough flooring
14 12 feet battens	1 square of wrought flooring

BRICKLAYING TABLES.

1 square yard of clay makes 460 bricks	10 bricks 1 foot superficial gauged arching
1 burnt brick is 9 inches long, 4 $\frac{1}{2}$ inches wide, 2 $\frac{1}{2}$ inches thick, and weighs 4 lbs. 15 oz.	272 superficial feet 1 rod of reduced brickwork, 1 $\frac{1}{2}$ brick thick
32 bricks cover a square yard	306 cubic feet 1 rod
16 bricks 1 foot of reduced brickwork	450 stock bricks 1 ton
7 bricks 1 foot superficial marble facing, laid Flemish bond	1 rod of brickwork 13 tons
	500 bricks 1 load

Brickwork is generally measured by the rod of 16 $\frac{1}{2}$ feet, or 272 $\frac{1}{2}$ square feet.

SCALE OF MERCANTILE CHARGES ADOPTED BY THE CANTERBURY CHAMBER OF COMMERCE.

SALES AND PURCHASES.	
On Private Sales of Merchandise or Produce	5 per cent
On Private Sales of Houses, Land, or Ships—Up to £1000	5 "
And for the amount over £1000	2½ "
And for the amount over £5000	1½ "
On Private Sales or Purchase of Runs or Stock—Up to £10,000	2½ "
And for the amount over £10,000	1 "
On Sale or Purchase of Government Securities	1 "
On Sale or Purchase of Shares in Public Companies	2 "
On Sale or Purchase of Bills of Exchange	1 "
On all Goods Withdrawn, re-Shipped, or Delivered to order (on invoice)	2½ "
On Goods consigned for Conditional Delivery (on invoice value)	2½ "
On Goods Received and Forwarded (on invoice value)	1 "
On Guaranteeing Sales, Bills or Bonds, by endorsement or otherwise	2½ "
On Purchase of Merchandise, Ships, Houses, Land, or Produce—not Agricultural—If in funds	2½ "
If not in funds	5 "
On Purchase of Agricultural Produce	5 "
On Goods Sold by Auction (in addition to Auctioneer's Commission)	2½ "
SHIPPING AGENCY.	
On Procuring Money on Bottomry and Respondentia, or on Procuring Freight or Charter for Vessels, and Collecting Freight and Passage Money	5 "
On Ship's Disbursements and Outfit—If in funds	2½ "
If not in funds	5 "
(including amounts paid to Captains when in port.)	
On Procuring Vessels for Charter	2½ "
On Entering Vessels from England or elsewhere (the Australian Colonies only excepted)	£3 3s 0d
On Clearing ditto ditto	£3 3s 0d
On Entering Vessels from the Australian Colonies	£1 11s 6d
On Clearing ditto ditto	£1 11s 6d
On Entering or Clearing Coasting Vessels not exceeding 20 tons burthen	£0 10s 6d
Above 20 tons burthen	£1 1s 0d
Fee for Survey of Hatches or Stowage (each survey)	£1 1s 0d
Clerk's Attendance Discharging Vessels (per day)	£0 15s 0d
Fee for Survey of Damaged Goods (each Surveyor)	21s & up.
(according to circumstances.)	
On Insurance Effectuated, or Orders Written for Insurance of Ships or Cargo, when no other Commission is charged	½ per cent
On Settling Insurances Losses, total	
or partial, and on Procuring Return of Premium (on amount recovered) including Brokerage	5 "
COMMISSION FOR GENERAL AGENCY.	
On Management of Estates as Agent, Attorney, Executor, or Administrator (on amounts received or disbursed)	5 per cent
On Leasing or Letting Land or Houses, if for less than three years—On One Year's Rent	5 "
For three to ten years—On Two Years' Rent	6 "
For ten years and upwards—On Three Years' Rent	5 "
On Collecting and Remitting Rents	7½ "
" " Interests	5 "
On Investing Money on Mortgage	1 "
On Recovering Debts and other Accounts	5 "
On Cash Payments—If in funds	2½ "
If not in funds	5 "
On Advance on Produce for Shipment	
On Advances and Current Accounts not liquidated at the end of the season, say 31st March, the balance to be charged as a fresh advance, subject to Commission of	5 "
On becoming Guarantee or Security for Contracts (on amount of penalty)	2½ "
On Acting as Trustee under Assignments (on amount collected and disbursed)	5 "
On Granting Letters of Credit	1 "
INTEREST.	
On Advances, including Disbursements for Freight, Duty, or Lighterage, per annum	10 "
On Accounts Current	10 "
RE-EXCHANGE.	
On Interprovincial Bills Dishonoured (with notarial charges)	5 "
On Bills on any of the Australian Colonies (with notarial charges)	10 "
On English and Foreign Bills (with notarial charges, postages, &c.)	25 "
CHARGES.	
On Local Bills Dishonoured or Renewed	2½ "
Receiving and Stowing General Merchandise and Produce (excepting wool), per ton	1s 6d
Delivering ditto (excepting wool), per ton	1s 6d
Receiving, Weighing, Marking, and Delivering Wool, per bale	2s
Storage on Goods and Liquids, by weight, measurement per ton per week	1s
Storage on Wool (full-sized bales), per week, each	6d
Smaller ditto per week, each	4d
Commission on Receiving and Forwarding Wool, per bale	2s 6d
Yard Storage, per ton, per week	6d

N.B.—Draft on Wool to be at the rate of 1 lb. per cwt., and tare 10 lbs. per bale.

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 ½ ounce	2d.
Exceeding ½ ounce, and not exceeding 1 ounce	4d.
Exceeding 1 ounce, and not exceeding 2 ozs.	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 <i>via</i> Southampton.	
Not exceeding ½ oz.	6d.
Exceeding ½ 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.	
To the United Kingdom, by Marseilles:—	
Not exceeding ½ oz. in weight	10d.
Exceeding ½ oz., and not exceeding 1 ozs.	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 ½ oz.	6d.
Exceeding ½ 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, <i>via</i> 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 ½ oz.	1s.
Exceeding ½ oz., and not exceeding 1 oz.	2s.

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.

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.

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.

Letters and packets liable to more than one rate of postage, and addressed to places within the Colony 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 bookpacket 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.

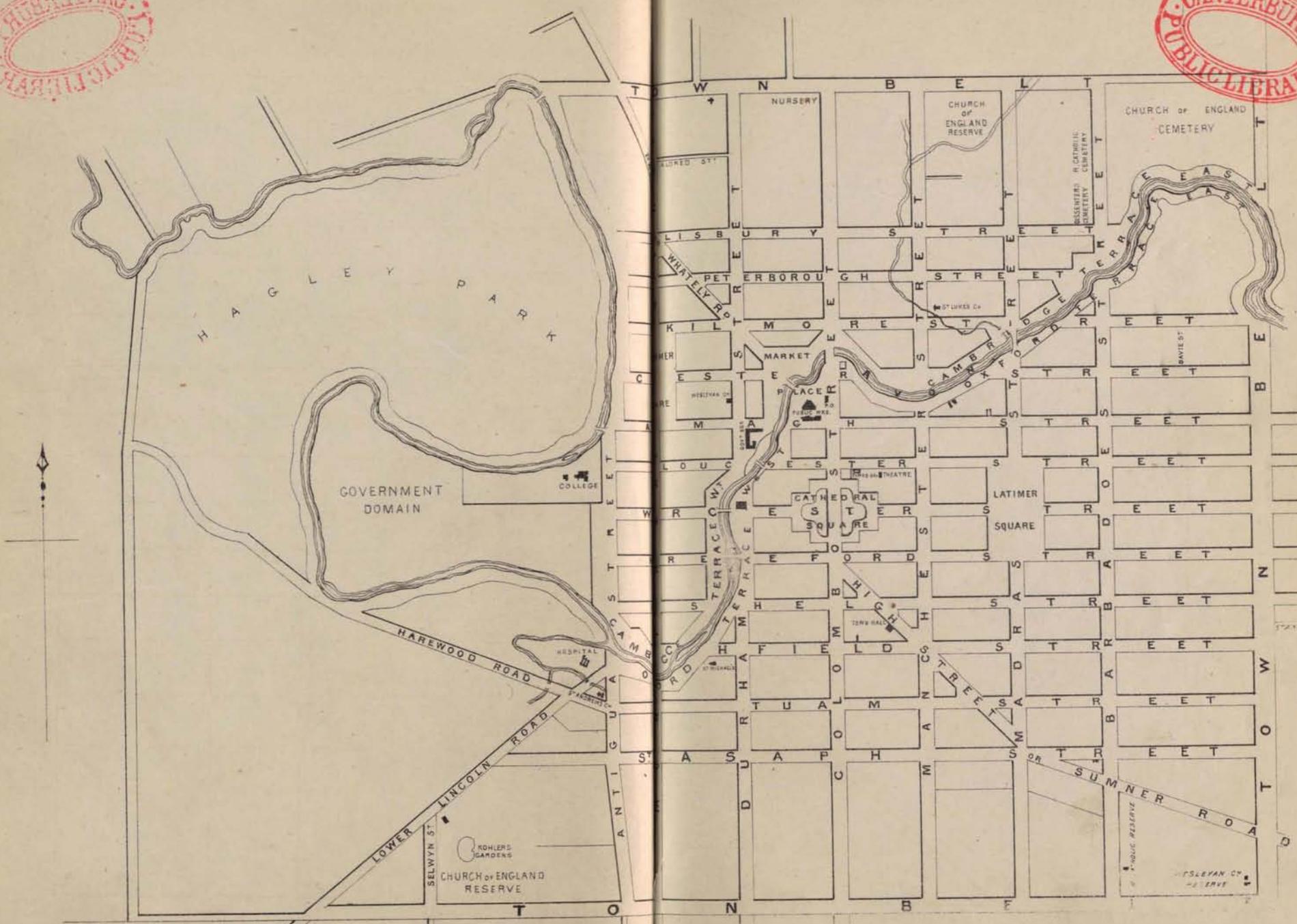
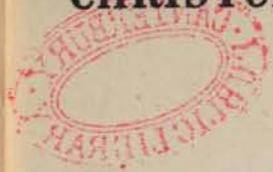
Every book-packet shall be sent open at the ends or sides, and there shall be no enclosure, sealed or otherwise, closed against inspection, sent in or with such packet, nor anything printed or written in the nature of a letter.

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.

EMIGRATION TO AUSTRALASIA IN THE YEAR 1863.—Of the 53,000 emigrants who came to Australia and New Zealand in 1863, from the United Kingdom, 41,352 did so on their own resources, while 11,700 were assisted, in one way or another, out of public funds. The number of single women sent out by the Emigration Commissioners to these colonies was 4,131, of which number 1,688 came to New South Wales, 1,512 to Victoria, 343 to Queensland, 388 to South Australia, 130 to New Zealand, and 67 to Western Australia. The nationality of the emigrants to Australasia was, English, 24,600; Scotch, 8,113; Irish, 17,390; foreigners, 918; and not distinguished, 1,979. To Victoria there came 20,261 emigrants in all, including 11,165 males, and 9,096 females; to New Zealand, 13,919, including 8,275 males, and 5,644 females; to Queensland, 10,339, including 6,231 males, and 4,108 females; to New South Wales, 6,379, including 3,434 males, and 2,945 females. The emigration to Western Australia comprised 1,850 persons, of whom 1,220 were convicts, their guards, and warders. To South Australia, the emigrants numbered 1,898, of whom 1,700 were assisted out of the public funds. The Commissioners give some interesting particulars with reference to the replies from the various colonies to the Duke of Newcastle's circular respecting the reception of Lancashire operatives. Of the North American colonies, Canada, New Brunswick, British Columbia, and Vancouver Island, were willing to receive a limited number as general labourers and domestic servants. All the Australian colonies were ready to receive women for domestic service, and many had other requirements, while Victoria and Canterbury, New Zealand, voted £5,000 and £10,000 respectively to provide passages for some of the poor people. It is instructive to note, however, that "Western Australia alone held out scarcely any prospect of employment to any class" of emigrants—always excepting, of course, the interesting gaol-birds of England.—*Argus*.

TELEGRAPH ROUND THE WORLD.—The proposed intercontinental telegraph, which, *via* Behring's Straits, will complete the circuit of the world, was recently the subject of discussion in the New York Chamber of Commerce. It appears that Russia has undertaken a line of 6000 miles, from Moscow to the Pacific Ocean, at the mouth of the Amoor, of which 4000 miles, from Moscow to Irkutsk, are in operation, and that she has granted to Mr. P. M. Collins, of New York, a concession for thirty-three years to extend this line up to and across Behring's Straits, and then through her American territories to the frontier of the British possessions, a distance in all of 4500 miles; that the British Government have granted a similar privilege down to the northern frontier of the United States; and that an application is now pending in the Washington Congress for like permission through that country, thus connecting the whole telegraphic system of Europe and Asia with the telegraphic system of America. The Chamber unanimously resolved to memorialise the President and both Houses of Congress in favour of the undertaking. The full completion of the project may, it is alleged, be expected within three years. The total distance overland by way of Behring's Straits, which are only 39 miles wide and 160 feet in depth, will be about 16,000 miles, and it is asserted that messages have been repeatedly sent during the present year from Boston to San Francisco, a distance of 3000 miles, in two minutes.—*Times*.

CHRISTCHURCH.



CANTERBURY DIRECTORY.

PROVINCIAL GOVERNMENT.

Superintendent.—His Honor SAMUEL BEALEY.

EXECUTIVE COUNCIL.

Hon. H. J. Tancred, William Rolleston, Hon. John Hall, W. P. Cowlshaw, G. A. E. Ross, E. C. J. Stevens.

PROVINCIAL SECRETARY'S DEPARTMENT.

Provincial Secretary—W. Rolleston.
Assistant Secretary—A. F. N. Blakiston.
Clerks—T. B. Ambrose, C. Williams.

PUBLIC WORKS DEPARTMENT.

Secretary—Hon. J. Hall.
Chief Clerk—George Turner.
Assistant Clerk—William Jameson.

TREASURER'S DEPARTMENT.

Provincial Treasurer—George S. Sale.
Clerk—N. P. Thompson.

AUDITOR'S DEPARTMENT.

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

Provincial Solicitor—W. P. Cowlshaw.

SURVEY DEPARTMENT.

Chief Surveyor—T. Cass.
Assistant Chief Surveyor and Inspector of Pre-emptive Rights—C. Davie.
District Surveyors—J. C. Boys, C. F. Pemberton, R. Townsend, M. Fraser.
Road Surveyors—W. Kitson, R. P. Bain.
Assistant Surveyors—J. Boys, J. Rochfort, E. P. Sealy, E. Harman, F. C. Wilson, W. Thompson, L. Smith.
Chief Draughtsman—J. Williams.
Draughtsmen—J. S. Browning, A. Jarman, J. R. Fussell, J. F. McCardell, G. A. Reade, E. S. Leversedge.

WASTE LANDS BOARD.

Chief Commissioner—W. G. Brittan.
Commissioners—T. Cass, R. Packer, R. J. S. Harman.
Receiver of Land Revenue—G. S. Sale.
Clerk—C. P. Soulsby.
Messenger—J. B. Stansell.

ENGINEER'S DEPARTMENT.

Engineer to Lyttelton and Christchurch Railway—E. Dobson.
Inspector of Roads—G. Thornton.
Surveyor on Special Service—J. Crawford.
Clerk—G. F. Maskew.
Draughtsmen—W. Blake (chief), R. S. Kelly.
Office-keeper—B. B. Leathwick.

IMMIGRATION DEPARTMENT.

Commissioners—W. Donald, R. R. Armstrong, J. T. Rouse, F. D. Gibson.
Immigration Officer—R. R. Armstrong.
Assistant Officer—David M. Mackay.
Clerk—Edward March.

HARBOUR DEPARTMENT.

Port Officer—F. D. Gibson.
Harbour Master, Lyttelton—A. Sproul.
Harbour Master, Akaroa—R. Greaves.
Beach Master, Timaru—B. Woolcombe.

CHRISTCHURCH GAOL.

Gaoler—James Reston.
Chief Warder—Thomas Toppin.
Warders—John Enwright, Edmund Cotton.

LYTTELTON GAOL.

Gaoler—James Reston.
Chief Warder—George Dale.
Warders—James Arnold, Daniel Fryer, Edward Cotter, Samuel Routledge, Patrick Mouriarty, William Routledge, Edward Redman, John Kidd, Henry and John Ferguson, Edward Woodhead.
Overseer of Hard Labour Gang—W. P. Jones.

POLICE DEPARTMENT.

(Head Station—Constabulary Depot, Armagh street East. Commissioner's Office, Hereford street).
Commissioner—Robert Clarke Shearman.
Clerk—Henry Walsh.
Inspector—P. Pendor, Christchurch.
Serjeant-Major—Alfred Buckley, Akaroa.
5 *first-class serjeants*, 2 *second-class serjeants*, 5 *third-class serjeants*, 8 *first-class constables*, 18 *second-class constables*, 7 *third-class constables*, and 1 *female searcher*.

CHRISTCHURCH HOSPITAL.

(Under the inspection of the Provincial Government)
Resident Surgeon—H. H. Prins.
Physician—Dr. Stedman.

LYTTELTON HOSPITAL.

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

LUNATIC ASYLUM.

Medical Officer—S. S. Stedman, M.D.
Steward—E. W. Seager.
Matron—Mrs. Seager.

OTHER OFFICERS.

Provincial Geologist—Julius Haast.
Meteorological Officer—R. L. Holmes.
Keeper of Public Records—A. F. N. Blakiston.
Education Commissioners—Hon. H. J. Tancred, Rev. J. Lillie, D.D., W. Rolleston.
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.
Inspector of Schools—J. P. Restell.
Provincial Surgeons—Lyttelton, W. Donald; Assistant, John Thomas Rouse. Christchurch, S. Stedman. Timaru, E. Butler.
Administrator of Charitable Aid—R. R. Armstrong.
Principal Inspector of Sheep—P. P. Boulton, Central District.

Inspectors of Sheep—Henry Scarvell, Northern District; Andrew Paterson, Southern District.
Inspector of Weights and Measures—R. Brunson.
Registrar of Brands—G. Turner.
Railway and Bridge Commission—T. Cass, chairman; Hon. J. Hall, E. Dobson, J. Wyld, E. Richardson, J. F. Roberts, E. J. Wright, R. J. Harman, W. T. Doyne, C.E.
Poundkeepers—Christchurch, Wilhelm Schmidt; Kaiapoi, M. Lynskey; Rangiora, J. W. Heath; Akaroa, R. Williams; Timaru, J. Melton.
District Road Boards—Ashburton, Avon, Courtenay, Cust, Ellesmere, Geraldine, Heathcote, Halswell, Kaiapoi, Kowai, Lincoln, Little River, The Levels, Malvern, Mount Cook, Oxford, Okains Bay, Pigeon Bay, Port Levy, Port Victoria, Rakaia, Rangiora, and Mandeville, Riccarton, Spreydon, Springs, Templeton, Town of Akaroa and Waimui District, Town of Timaru, Waimate, Waipara.

PROVINCIAL COUNCIL.

City of Christchurch—Richard Westenra; John Olivier; J. S. Turnbull; J. G. Hawkes.
Town of Lyttelton—J. T. Peacock; William Bowler; H. P. M. Aynsley; George Buckley.
Town of Kaiapoi—W. Wilson.
District of Avon—T. S. Duncan; Charles Bowen; E. M. Templer; John Shand.
Akaroa—R. Rowe.
Ashburton—J. C. Wilson, C.B.
The Bays—M. P. Stoddart.
Geraldine—Alfred Cox.

Heathcote—J. C. Aikman; W. Rolleston; W. S. Moorhouse.
Lincoln—C. Clark; W. B. Tosswill.
Mandeville—R. Rickman; J. Beswick.
Mount Cook—Hon. J. Hall.
Oxford—T. W. White.
Port Victoria—A. Hornbrook; J. G. Fyfe.
Rangiora—Josiah Birch.
Rakaia—G. A. E. Ross.
Sefton—T. W. Maude; H. P. Lance.
Timaru—W. H. Simms.
Waitangi—R. Wilkin.
Waimui—Hon. H. J. Tancred.

MEMBERS OF THE PROVINCIAL COUNCIL ALPHABETICALLY ARRANGED.

Aikman, J. C.	...	Heathcote District.	Peacock, J. T.	...	Town of Lyttelton.
Aynsley, H. P. M.	...	Town of Lyttelton.	Rickman, R.	...	Mandeville District.
Beswick, J.	...	Mandeville District.	Rolleston, W.	...	Heathcote District.
Birch, J.	...	Rangiora District.	Ross, G. A. E.	...	Rakaia District.
Bowen, C.	...	Avon District.	Rowe, R.	...	Town of Akaroa.
Bowler, W.	...	Town of Lyttelton.	Shand, J.	...	Avon District.
Buckley, G.	...	Town of Lyttelton.	Simms, H.	...	Town of Timaru.
Clark, C.	...	Lincoln District.	Stoddart, M. P.	...	Bays District.
Cox, A.	...	Geraldine District.	Tancred, H.	...	Waimui District.
Duncan, T. S.	...	Avon District.	Templer, E. M.	...	Avon District.
Fyfe, J.	...	Port Victoria District.	Tosswill, W. B.	...	Lincoln District.
Hall, J.	...	Mount Cook District.	Turnbull, J. S.	...	City of Christchurch.
Hawkes, J. G.	...	City of Christchurch.	Westonra, R.	...	City of Christchurch.
Hornbrook, A.	...	Port Victoria District.	White, T. W.	...	Oxford District.
Lance, H. P.	...	Sefton District.	Wilson, J. C., C. B.	...	Ashburton District.
Maude, T. W.	...	Sefton District.	Wilson, W.	...	Town of Kaiapoi.
Moorhouse, W. S.	...	Heathcote District.	Wilkin, R.	...	Waitangi District.
Olivier, J.	...	City of Christchurch.			

Speaker—C. Bowen.
Clerk of the Council—H. B. Quin.
Chairman of Committee—J. Beswick.

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. Abbott; Crown Solicitor, T. S. Duncan; Sheriff, A. Back; Assistant Clerk, R. Davis.

RESIDENT MAGISTRATE'S COURT.

Resident Magistrates: Christchurch, C. C. Bowen. Lyttelton, W. Donald. Akaroa and Pigeon Bay, J. Watson. Timaru, B. Woolcombe. Kaiapoi, W. B. Pauli.

Clerks to the Bench: Christchurch, T. B. Bain. Lyttelton, J. Townsend. Kaiapoi, G. F. Hewlings. Timaru, W. Massey.

Bailiffs: Christchurch, U. E. Burke. Lyttelton; H. Brooks.

Interpreter to Courts, Rev. J. W. Stack.
 Other Justices holding Resident Magistrates' Commissions, but not appointed to any particular court, or salaried: W. S. Moorhouse, Esq., the Hon. H. J. Tancred, W. J. W. Hamilton, Esq., Hon. John Hall, J. Brittan.

CUSTOMS DEPARTMENT.

PORT OF LYTTELTON.

LYTTELTON CHIEF OFFICE.

Deputy Commissioner of Customs and Collector for Province of Canterbury, (Comptroller of Customs and Navigation Laws, Registrar of British Shipping under Imperial Acts 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—Edward Patten.

First Landing Waiter—Charles James Hodge.
First Long-room Clerk and Cashier—Charles Edward Cooper.

Second Long-room Clerk and Warehouse Keeper—Robert Joseph LaNauze.

Second Landing Waiter—William Townsend.
Third Landing Waiter—James Anderson Reynolds (acting).

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

Fourth Clerk—William Nelmes Grant.
First Locker—Lorenzo Moore.

Second Locker—Edwin Wren.
Third Locker—(Vacant at present).

Extra Lockers—Joseph Carder, Charles Wilfred Seymour Chamberlain.

Junior Clerk and additional Locker—Wilson Heaps.
Tide Surveyor—Charles Warde.

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

CHRISTCHURCH BRANCH OFFICE.

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

First Landing Waiter—William Robinson Carver.
Clerk for Customs, Treasury Clerk and Accountant—Robert Elijah Bannister.

Second Landing Waiter—Frederick Jenner.
Third Landing Waiter—William Sydney Munday.

Lockers—Atkinson McDowell, Crackenthorpe John Wentworth Cookson, Freeland Barrard Kersteman.

Tallying Clerk—Charles Hedge.

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)—William Dixon Buddle.

Clerk—James R. Bertram (temporary).
 Duties of Shipping Master at sub-ports (under Merchant Shipping Act of 1854) are performed by the Sub-Collectors.

ARMS LICENSING OFFICERS.

Lyttelton—W. J. W. Hamilton.
 Akaroa—R. Greaves.
 Timaru—W. D. Buddle (acting).

POST OFFICE DEPARTMENT.

*CHIEF POST OFFICE, MARKET-PLACE, CHRISTCHURCH.

Chief Postmaster for the Province—F. E. Wright.
Clerks—M. G. Robertson, Thos. Turrell, D. N. Inwood, J. W. Wilkin, Geo. Ball, R. J. Goodman, H. A. Black, J. Shrimpton.
Letter Carriers—Wm. Moore, J. H. Tovey.
Messenger—M. W. Baynes.

*LYTTELTON.

Postmaster—F. LeCren.
Clerks—J. Wilkin, W. B. Allwright.
Letter Carrier—John Sinclair.

*KAIAPOI.

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

AKAROA.

Postmaster—John Daniell.

*TIMARU.

Postmaster—Archibald McLoughlin.

Those marked thus (*) are Money Order Offices.

LOCAL POSTMASTERS.

AROWHENUA—D. Ferguson.
 ASHBURTON—William Turton.
 DUVAUCHELLES BAY—F. Vanstone.
 ASHBURTON FORKS—A. Thompson.
 FERRY ROAD—J. Hopkins.
 HEAD OF THE BAY, LYTTELTON—Wm. Blatchford.
 HEATHCOTE RAILWAY STATION—G. Fitzmaurice.
 HEATHCOTE VALLEY—W. Sinclair.
 HURUNUI—J. Hastie.
 KOWAI—R. Woodhouse.
 LITTLE AKALOA—Geo. Boleyn.
 MACKENZIE PLAINS—E. J. Stericker.
 MOERAKI DOWNS—J. Messent.
 OKAIN'S BAY—G. Bishop.
 ORARI—W. Stranks.
 OXFORD—T. Woodfield.
 PAPANUI—F. T. Haskins.
 PAREORA—T. Fitch.
 PIGEON BAY—W. Fitzgerald.
 PORT LEVY—J. Harris.
 RACECOURSE HILL—H. Richards.
 RAKAIA, NORTH BANK—W. Dale.
 RAKAIA, SOUTH BANK—C. Flowers.
 RAKAIA, WINDWHISTLE HOUSE—J. J. Turnbull.
 RANGIORA—J. B. Wilson.
 RANGITATA—R. Marshall.
 RICCARTON—F. Slec.
 ROBINSON'S BAY, AKAROA—F. Pavitt.
 SALTWATER CREEK—D. Cameron.
 ST. ALBANS—D. Pine.
 SELWYN—G. H. Giggs.
 SNOWDON—W. R. Scott.
 TEMUKA—T. Copestake.
 WAIMATE—J. Manchester.
 WAITANGI—D. Brown.
 WEEDEN—W. White.
 WOODEND—T. Booth.

RECEIVING OFFICES.

LYTTELTON—E. Mills. *Pillar Receivers*—Norwich Quay, and Dublin-street.
 CHRISTCHURCH—Old Town Hall, Lowther's, Sutherland's, Younghusband's. *Pillar Receivers*—Cambridge Terrace, Hereford-street, Railway Station.
 PERSONS LICENSED TO SELL POSTAGE STAMPS.
 CHRISTCHURCH—Edmund Wheeler, C. Bonnington, A. T. W. Bradwell, J. G. Baker, A. J. Stevens, R. D. Sutherland, J. Younghusband, Simpson and Marks, H. Lowther, S. A. Pope, C. J. Reader.
 LYTTELTON—E. Mills, S. E. Wright, R. Tucker.
 KAIAPOI—A. Weston.
 TIMARU—A. Fisher.
 AKAROA—J. D. Garwood.

ELECTRIC TELEGRAPH DEPARTMENT.

Manager—George Bird.
Chief Clerk—William Tucker.
Assistant Clerk—John Bull.
Heathcote Station—*Clerks*—C. A. Tippings, W. Smith.
Lyttelton Station—*Manager*—G. L. Ross.
Chief Clerk—Stephen McCarthy.
Clerks—Messrs. W. Smith and C. White.

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, and Ellesmere, W. Donald; *Deputy*, W. Wilson. Akaroa, J. Watson; *Deputy*, W. Weston. Cheviot, Hon. G. H. Lee; *Deputy*, W. B. Pauli. Timaru, B. Woolcombe; *Deputy*, P. B. Luxmoore.

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, A. Lean; *Deputy*, C. P. Cox. Timaru, Geraldine, and Waitangi, B. Woolcombe; *Deputy*, P. B. Luxmoore. 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.; *Deputy*, Herbert Belfield. Kaiapoi, Charles Dudley, J.P. Mount Grey, M. Morris. Amuri, George Rutherford. Kaikoras, C. R. Keene. Oxford, Harry Kenrick. Geraldine, L. L. Browne. Ashburton, W. S. Geter.

OTHER OFFICES.

Coroners: Christchurch, J. W. S. Coward. Lyttelton, W. Donald. Timaru, B. Woolcombe. Kaiapoi, C. Dudley.

Native Department: Medical Officer, Banks Peninsula, vacant. Kaiapoi, C. Dudley.

Native Assessors: Haecana 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. S. Sale.

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. McMurdo, P. B. Boulton, R. Greaves.

Mercantile Assessors under Debtors' and Creditors' Act: George Buckley, J. D. Macpherson, Thomas Ritchie, William Day.

Census Enumerator, A. F. N. Blakiston.

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.

JUSTICES OF THE PEACE.

A. B. J. Acland, H. P. M. Aynsley, A. Back, J. Bealey, his Honor S. Bealey, H. Belfield, W. C. Bewick, J. Birch, C. R. Blakiston, C. Bowen, C. C. Bowen, J. C. Boys, J. T. Brown, J. Brittan, R.M., W. G. Brittan, W. J. Carew, T. Cass, E. Chapman, I. T. Cookson, A. Cox, H. Coote, A. R. Creyke, A. H. Cunningham, W. Donald, R.M., C. Dudley, J. E. FitzGerald, E. Gray, R. Greaves, W. J. W. Hamilton, R.M., J. Hall, R.M., T. W. Hall, R. J. S. Harman, D. Innes, F. Jollie, E. Jollie, G. Kirton, R. Latter, G. L. Lee, E. J. Lee, A. Lean, H. P.

DIOCESAN SYNOD.

The Right Rev. the Lord Bishop.

Clergy.—The Venerable the Archdeacon of Christchurch

The Rev. C. Alabaster, elected by Synod
 " W. Aylmer, Curate of Akaroa
 " J. C. Bagshaw, Curate of Avonside
 " C. Bowen, Curate of Riccarton with Upper Heathcote and Prebbleton
 " R. Bradley, Curate of Purau
 " L. L. Brown, Curate of Geraldine
 " G. Cholmondeley, Curate of Lower Heathcote
 " G. Coterill, Second Master of Christ's College Grammar School
 " H. Dasent, Curate of Waikouaiti and Goodwood
 " B. W. Dudley, Curate of Rangiora and Rural Dean
 " G. E. Edwards, Curate of Dunedin and Rural Dean
 " W. C. Fearon, Assistant Curate of Christchurch
 " G. Foster, Curate of Timaru
 " E. H. Grainger, Assistant Curate of Dunedin
 " A. Gifford, Curate of Oamaru
 " H. W. Harper, Rural Dean (absent on leave)
 " F. H. Humphries, Curate of Sefton
 " F. Knowles, Curate of Lyttelton
 " L. Moore, Curate of Papanui
 " W. Oldham, Curate of Ryall Bush
 " F. W. C. Simmons, Head Master of High School, Dunedin
 " J. W. Stack, Missionary Curate to the Maoris
 " W. P. Tanner, Curate of Invercargill and Riverton
 " H. Torlesse, Chaplain of Hospital & Gaol
 " W. W. Willock, Curate of Kaiapoi
 " J. Wilson, Assistant Curate of Prebbleton.

Laity:—

Mr. J. B. A. Acland, Geraldine District
 " H. P. M. Aynsley, Lyttelton
 " A. C. Barker, Christchurch with Middle Heathcote
 " A. F. N. Blakiston, Kaiapoi
 " C. C. Bowen, Riccarton
 " J. Brittan, Avonside
 " H. S. Brown, Upper Heathcote
 " M. Bury, Waikouaiti District
 " A. H. Cunningham, Ashley District
 " C. Davie, Christchurch, with Middle Heathcote
 " H. H. de Bourbel, Woodend district
 " W. Donald, Lyttelton
 " P. L. Francis, Southland
 " E. Gray, Waimate District
 " P. Hammer, Kaiapoi
 " J. G. Hawkes, Christchurch with Middle Heathcote
 " J. M. Heywood, Lyttelton
 " L. Kennaway, Lower Heathcote and Sumner
 " A. Lean, Ashburton District
 " G. J. Leech, Rangiora
 " H. Matson, Papanui
 " T. W. Maude, Akaroa
 " T. Pavitt, Okain's Bay District
 " T. H. Potts, Governor's Bay District
 " G. A. E. Ross, Waimakariri District
 " W. H. Simms, Timaru
 " H. J. Tancred, Christchurch with Middle Heathcote
 " F. Thompson, Waipara District
 " C. O. Torlesse, Port Levy District
 Vacant: Dunedin, Molyneux, Timaru, each one member

Other Clergy of the Church of England:—

Revs. G. Carpenter and E. A. Lingard, Christchurch

OFFICIATING MINISTERS OF OTHER DENOMINATIONS.

Church of Scotland: Rev. Charles Frazer, A.M., and Rev. G. Grant, Christchurch. J. D. Ferguson, catechist, Lyttelton. Rev. W. Kirton, Kaiapoi; Rev. J. Hogg, Amuri.
 Wesleyan Congregation: Rev. J. Buller, Super-

intendent, Christchurch. Rev. G. Crump, Lyttelton. Native Minister, Te Kohe, Kaiapoi.
 Congregational Church: Rev. J. W. Habens, B.A.
 Roman Catholic: Revs. J. Chataignier, and J. Chevrier.

SOCIETIES, ASSOCIATIONS, AND COMPANIES.

Acclimatization Society—Government Domain Commission.

Chairman, Hon. J. Hall, G. Miles, H. Sewell, James Hill.

Canterbury Chamber of Commerce.

Chairman, Robert Symington, Esq.; Deputy-Chairman, W. Montgomery, Esq. Committee: Messrs. G. Buckley, T. J. Curtis, Wm. Day, G. Gould, T. M. Hassal, J. M. Heywood, J. D. Macpherson, P. Lawrie, G. Miles, H. Matson, H. P. Murray-Aynsley, J. T. Peacock, E. Richardson, T. Ritchie, C. W. Turner. Auditors, Messrs. F. Todhunter and W. K. McLean; Secretary, Mr. Wheeler. *Members:* Messrs. C. C. Aikman, J. Anderson, J. C. Aikman, F. Banks, W. Bowler, G. Buckley, E. Burnell, J. H. Bennett, S. Bealey, J. T. Brownell, J. L. Coster, T. J. Curtis, C. Clark, W. P. Cowlshaw, E. S. Dalgety, W. Day, D. Davis, H. H. DeBourbel, T. S. Duncan, J. J. Fletcher, G. Gould, Hon. John Hall, W. L. Hawkins, E. A. Hargreaves, W. H. Hargreaves, T. M. Hassal, J. G. Hawkes, J. M. Heywood, J. Hill, G. Holmes, M. Harris, J. W. Hamilton, J. C. Helmore, E. C. Hilton, A. Knight, P. Lawrie, C. H. Lunt, J. Luck, H. J. LeCren, W. H. Lane, J. D. Macpherson, H. Marks, H. Matson, T. W. Maude, G. Miles, W. Montgomery, H. P. Murray-Aynsley, W. K. McLean, J. Milton, L. E. Nathan, J. Ollivier, J. Palmer, J. T. Peacock, T. Pavitt, E. Pavitt, H. Renshaw, W. Reeves, E. Richardson, T. Ritchie, E. Reece, M. Sprot, R. Symington, R. T. Stanley, F. E. Stewart, F. Todhunter, C. O. Torlesse, C. W. Turner, F. Thiel, J. H. Ward, J. T. White, W. Wilson, R. Wilkin, D. Wood.

Assurance Societies.

The Liverpool and London: Agents, Lyttelton and Christchurch, W. Bowler. The Northern: Lyttelton, H. Renshaw; Christchurch, F. Thompson. The New Zealand: Lyttelton and Christchurch, J. M. Heywood and Co. The Australasian: Christchurch, Matson and Torlesse. The Imperial Fire Insurance Company of London: Lyttelton and Christchurch, Dalgety, Buckley and Co. The North British and Mercantile Company: Lyttelton and Christchurch, R. Symington. Victoria: Walton, Warner and Co. Australian: J. Lewis. Pacific Fire and Marine: J. T. Peacock.

Christchurch Mechanics' Institute.

President, his Honor the Superintendent; Treasurer, G. Miles; Librarian, Dr. Prins; Hon. Secretary, J. Cuff; Clerk, C. J. Reader.

St. Michael's Church Institute Choral Class.

President, the Rev. H. Jacobs; Committee, Messrs. Button, Crooks, Hobbs, and Seager; Treasurer, R. S. Jackson; Choirmaster, J. Bilton; Organists, Messrs. Bilton, and D. Inwood.

Christchurch Orphan Asylum.

The Institution is under the control of the Standing Committee of the Diocesan Synod. Secretary,

the Rev. G. Cotterill; Treasurer, Mr. R. Jackson. Information with respect to the Asylum may be obtained from the Secretary.

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. Willock, G. Cotterill, and H. Harper; 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, and C. C. Bowen, G. A. E. Ross, and W. Rolleston, Esquires; Head Master of Grammar School, vacant; Second Master, Rev. G. Cotterill, B.A.; Mathematical Master, W. DeTroy; English Master, E. A. Lingard; Drawing Master, — Irwin; Singing Master, Mr. J. Bilton; Drilling Master, Capt. Armstrong. Scholarships, their present value and holders: *Somes* Scholarships, not more than £60 per annum, to be held for not more than four years—1st, A. J. Cotterill; 2nd, F. G. Brittan; 3rd, F. S. Stedman; 4th, T. D. Condell; 5th, G. N. Willmer; *Rowley* Scholarships, £20 per annum for one year: 1st, F. G. Brittan; 2nd, J. O. Condell; 3rd, H. Harper. *Buller and Reay* Scholarships, £15 per annum for one year: vacant. *Dudley Divinity* Scholarship, £15 per annum: 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 on Mondays, Tuesdays, Thursdays, and Fridays, from 12 to 1 p.m., on Saturdays from 12 to 4 p.m.

Christchurch High School (established 1858).

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, Mark Sprot, W. Wilson, J. Anderson, J. Johnston; Rector, David Scott; Classical Master, —; English Master, Charles Cook; Music Master, —; Waddington; Drill Master, J. Marshall.

Presbytery of Canterbury.

Revs. C. Frazer (Moderator); G. Grant, W. Kirtin, W. Hogg; Messrs. G. Duncan, J. Gillespie, J. Macmillan, Presbytery Clerk; Mr. J. J. Fletcher, Treasurer.

Christchurch Young Men's Christian Association.

President, Rev. J. Buller; Secretary, Mr. Thos. Cox; Treasurer, Mr. J. E. March; Librarian, Mr. A. Gee. Committee: Rev. W. J. Habens, B.A.; Messrs. J. W. Shackleton, J. P. Jameson, W. Hislop, R. Dawson, J. S. Guthrie, D. B. Bowie, J. G. Baker.

Christchurch Horticultural Society.

President, his Honor S. Bealey, Esq.; Vice-President, Thomas H. Potts, Esq.; Treasurer, Grosvenor Miles, Esq.; Secretary, Mr. Andrew

Duncan; Committee of Management: Messrs. Armstrong, T. Turner, E. Barker, J. Greenaway, W. Wilson, J. Stenson, — Compton, R. Chudley, J. Tunmer, H. Sewell, C. Davie, J. G. Hawkes, J. C. Brooke, H. E. Alport, J. Painter, W. Hislop, — Marshall, A. Clark.

Canterbury Agricultural and Pastoral Association.

Patron, His Honor S. Bealey; President, R. Wilkin; Treasurer, Joseph Palmer; Secretary, W. Thomson.

Christchurch Gas, Coal, and Coke Company, Limited.

Established pursuant to the Joint Stock Companies' Act, 1860. Trustees: J. Hall, G. Gould, W. Wilson; Directors, Messrs. Gould, Miles, Alport, Turner, Harman, Ollivier, Harston, Luck, Heywood; Treasurer, G. Miles; Solicitors, Louis and Co.; Engineer, E. G. Wright; Secretary, E. C. J. Stevens.

Land, Building, and Investment Societies.

The Christchurch: Trustees, Messrs. W. S. Moorhouse, R. Westenra, G. Miles, W. Thomson, and R. J. S. Harman. Treasurer, W. G. Brittan. Secretary, E. C. J. Stevens. Solicitor, Louis and Co. Bankers, Bank of New Zealand.

The Working Men's. Trustees: William Sefton Moorhouse, Richard Westenra and John Ollivier. Treasurer, C. W. Bishop. Solicitor, F. Slater. Bankers, Union Bank of Australia. Secretary, G. Furby.

The Lyttelton. Trustees: W. Donald, E. A. Hargreaves, J. T. Rouse, B. Buchanan, F. E. Wright. Treasurer: S. E. Wright. Solicitor: R. W. C. D'Oyly. Secretary: J. S. Wilcox.

The Canterbury. Trustees: E. A. Hargreaves, J. T. Peacock, W. Donald, J. G. Fyfe, F. E. Wright. Treasurer: F. E. Wright. Secretary: J. S. Wilcox.

Provincial Investment and Loan Association. Trustees: The Hon. John Hall, Messrs. W. S. Moorhouse, R. Wilkin, W. G. Brittan, and W. Wilson. Manager: Mr. E. C. J. Stevens. Solicitor: Mr. E. F. B. Harston. Valuers: Messrs. Mountfort and Luck. Bankers: The Bank of New South Wales.

Newspapers.

The "Lyttelton Times," published by the proprietors, Messrs. Ward and Reeves, every Tuesday, Thursday, and Saturday, at their Offices, Gloucester street, Christchurch. The "Canterbury Standard," published for the Proprietor, every Tuesday and Friday, at his Office, Oxford Terrace West, Christchurch. "The Press," published for the Proprietor, by W. Collins, daily, at "The Press" Office, Cashel street, Christchurch.

Philosophical Institute of Canterbury.

President, Julius Haast; Treasurer, J. Bealey; Hon. Secretary, E. C. J. Stevens.

Saltwater Creek and Kaiapoi Coasting Steam Navigation Company, Limited.

Incorporated under the Joint Stock Companies' Act, 1860. Directors: J. D. Lance, Chairman;

F. A. Weld, Thomas Ritchie, Captain Reader, G. L. Lee, C. E. Dampier, Robert Wilkin. Auditor, W. B. Pauli. Bankers: Bank of New Zealand; Secretary, Harry E. Dampier, Northport; Offices, Saltwater Creek.

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, Manchester-street north; Treasurer, J. Mills, Oxford terrace.

Trust and Agency Companies.

The Trust and Agency Company of Australasia, Limited. Local Trustees: C. Davie, R. Wilkin, T. W. Maude. Bankers: The Bank of New Zealand. Solicitors: Messrs. Johnstone and Williams. Valuers: Messrs. J. Ollivier and Son. Local Manager: C. R. Blakiston.

New Zealand Trust and Loan Company, Limited. Local Trustees: Messrs. J. W. Hamilton, R. J. S. Harman, E. S. Dalgety. Bankers: Union Bank of Australia. Solicitor: Mr. J. S. Williams. Valuator: Mr. F. Thompson. General Manager, Mr. W. D. Carruthers.

Total Abstinence Society.

President, C. F. Worth; Treasurer, R. Clephane; Secretary, W. Alexander; Corresponding Secretary, J. G. Baker; Committee: Messrs. A. Florance, Ford, Price, Cutter, Guinness, McHutchison, Kerr, Connal, Smeaton, Davey.

Fire Brigade.

Chief Engineer, C. F. Worth; Assistant Engineer, W. Harris. No. 1 Company: Captain, D. Anderson; Assistant Engineer, J. Suckling; Branchman, E. Brooker, junr.; Assistant Branchman, R. Heaps. No. 2 Company: Captain, J. Reeves; Assistant Captain, J. C. Atkinson; Branchman, J. Coe; Assistant Branchman, W. E. Samuels; Treasurer, C. H. Smith; Secretary, N. Suckling.

Canterbury Typographical and Provident Association.

President, Henry F. Baker; Vice-President, J. Armitage; Treasurer, J. Smith; Secretary, F. J. Pearson. Board: Messrs. W. Ogier, J. Jones, F. Hatch, G. Cox, T. Berry.

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, Chas. 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 McLean; 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.

W.M., C. W. Bishop; P.M., James Grant; S.W., Joshua Cuff; J.W., G. H. Tribe; S.D., — Shackleton; J.D., — Woodforde; L.G., — Brooker; Secretary, F. C. Tribe; M.C., G. H. Wilson; Steward, J. C. Brooke; Tyler, W. G. Dorsett. Regular meetings, Wednesday nearest to each full moon, at the Masonic Hall, Christchurch.

New Zealand Lodge of Unanimity, No. 604.

D.P.G.M., W.M., William Donald; P.M. and Treasurer, John Smith Willcox; S.W., George Taylor; J.W., John Thomas Rouse; S.D., Thomas Preece; J.D., Henry Laurance; I.G., James D. Graham; Secretary, Charles Moon Igglesden.

Southern Cross Lodge, No. 760.

W.H., John Fuller; P.M., J. Day; S.W., W. L. Powell; J.W., H. Hinge; Secretary, W. Gilkison; S.D., J. L. Collins; J.D., J. Hurst; J.G., J. Neilson; Tyler, R. Rainey; Treasurer, J. Heywood. Meetings first Thursday of the month.

Ancient Order of Foresters.

Court "Star of Canterbury," No. 2309, Foresters' Hall, Oxford terrace east, Christchurch: C.R., J. Foley; S.C.R., H. Ranger; P.C.R., and Treasurer, H. Crooks; W.C.R., and Secretary, W. Ness; S.W., P. W. Foley; J.W., J. M. Thompson; S.B., T. Hobbs; J.B., W. B. Hobbs. Court "Queen of the Isles," No. 2703, Odd Fellows' Hall, Lyttelton: Secretary, J. Willcox. Court "Foresters' Retreat," No. 3117, Meddings' Hotel, Papanui; Secretary, W. Judge. Court "Albion," No. —, Exchange Hotel, Kaiapoi: C.R. R. Woodford.

Cricket Clubs.

Albion: President, J. Ollivier; Secretary, G. Turner; Hon. Treasurer, J. Bailey. Canterbury: Hon. Secretaries, E. C. J. Stevens and J. H. Bennett; Treasurer, G. Miles. Union: Hon. Secretary, T. M. Ollivier; Treasurer, H. G. Corke. Christ's College: Hon. Secretary, H. Dudley; Treasurer, A. J. Cotterill.

Christchurch Foot-Ball Club.

President, G. Miles; Vice-Presidents, the Rev. C. Bowen and Mark Sprott; Committee, A. F. N. Blakiston, R. P. Crosbie, A. Cuff, F. M. Ollivier, T. G. Packe, R. Ross, F. Strouts, and G. Turner; Hon. Secretary and Treasurer, C. M. Ollivier.

Music—Canterbury Musical Society.

President, Rev. J. Wilson; Vice-President, W. Stringer; Treasurer, G. Miles; Secretary, R. Davis; Leader and Conductor, C. Bonnington; Librarian, J. B. Stansell.

Heathcote Regatta Club.

Patron, His Honor the Superintendent; Commodore, W. S. Moorhouse, Esq.; Vice-Commodore, George Holmes, Esq. Committee: Chairman, John Ollivier, Esq.; Treasurer, W. Montgomery, Esq.; Secretary, T. W. Moore, Esq.; Committee, Messrs. J. T. Peacock, R. P. Crosbie, A. F. N. Blakiston, — Kissling, A. M'Kellar.

Christchurch Railway Rowing Club.

President, G. Holmes, Esq.; Vice-Presidents, E. Richardson and W. Reeves, Esqrs.; Hon. Secretary and Treasurer, R. P. Crosbie.

Christchurch Gymnasium Association.

Chairman, W. Wilson, Esq.; J. Ollivier, G. Bird, W. S. Moorhouse, W. K. McLean, C. M. Ollivier, —St. Quentin, G. Sale, G. Turner, Crosbie Ward; Treasurer, E. C. Stevens; Hon. Sec. R. P. Crosbie.

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

Proprietors, L. G. Cole and Co.; offices, High-street, next Birdsey's British Hotel. Coaches of this line leave regularly three times a week for Weeden's, Selwyn, Rakaia, Ashburton, Rangitata, Orari, Timaru, Pareora, Waimati, Waitaki, Oamaru, Moeraki, Palmerston, Waikouati, 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 Kaiapoi. Coaches also run regularly three times a day between Christchurch and Lyttelton. 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., &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.

Lyttelton Colonists' Society.

President, F. E. Wright; Vice-President, J. S. Willcox; Secretary, Mr. Keogh; Members of Committee, Messrs. D'Oyly, Mills, Rayner, Inglis, Jenkins, Grange, Renshaw, Dunsford, Carder, England, Milson, Godfrey, Graham, Preece, S. Wright, Fyfe, Johnstone, and the Rev. F. Knowles.

Lyttelton Municipal Council.

Chairman, William Donald, R.M.; Councillors Messrs. Fyfe, Willcox, Grubb, Preece, and Genet. Surveyor, C. M. Igglesden; Town Clerk, W. Godfrey; Inspector of Nuisances, J. Hodgson.

Lyttelton Foresters' Court.

Court Queen of the Isles, No. 2703: C.R., Thomas Sutton; S.C., R. R. Forbes; Treasurer, W. Rayner; S.W., George Auttay; J.W., J. Chaney; Secretary, J. S. Willcox.

Lyttelton Savings Bank.

President, His Excellency the Governor; Vice-President, J. W. Hamilton, Esq.; Trustees, Messrs. E. D. Byrne, F. Banks, J. L. Coster, E. Ivens, W. Reeves, Thomas 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 the Rev. F. Knowles. Trustees of the Christchurch District Branch: Messrs. H. E. Alport, J. Bealey, Edward Bishop, G. Gould, Grosvenor Miles, C. W. Turner, and W. D. Wood.

TRADES AND CALLINGS.

CHRISTCHURCH.

AUCTIONEERS.

Colombo street—
H. E. Alport
Luck and Clark
Benjamin and Co.
High street—
Aikman and Wilson
L. E. Nathan and Co.
T. B. Craig
Ollivier and Son
J. P. Raphael
Wm. Robertson
Cashel street—
W. D. Barnard
Hereford street—
Burnell, Bennett and Sprot
T. M. Hassal
G. D. Lockhart

ARCHITECTS AND SURVEYORS.

Colombo street—
Luck and Clark
E. J. Sanders
Gloucester street—
Bury and Mountfort
Lichfield street—
Farr and Cuff
C. E. Fooks
Cathedral square—
T. D. Triphook
Robt. Speechley, M.R.I.B.A.,
Cathedral Commission.
Armagh street—
C. Davie
St. Asaph street—
Geo. Nathan
Kilmore street—
Thos. Price

BAKERS.

Cashel street—
George Inwood
S. Gibbons
Colombo street—
James Siphthorp Hawley
Andrew Ritchie
Jameson and Hicks
John Aulsebrook
T. Gee
Durham street—
Quine and Cain
Tuam street—
James Walker
E. H. Banks
High street—
Robert Gilkes
Gloucester street—
T. Wilson
Oxford Terrace—
— Allen
Manchester street—
A. Thiele

BANKERS.

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

BARRISTERS-AT-LAW.

Gloucester street—
A. H. Louis—Louis, Travers,
and Hammer
Cashel street—
C. J. Foster—Foster and
Helmore
Cathedral Square—
W. S. Moorhouse
G. Macfarlane

BATHS.

Colombo street—
The City, Professor Ayers

BILLIARD-ROOMS.

Oxford Terrace—
Royal Hotel, J. Cuff
High street—
White Hart Hotel, R. Jones
Dunedin Club Hotel, Morton
and Robertson
Colombo street—
Central Hotel, Moir and
Campbell

BLACKSMITHS AND FARRIERS.

Armagh street—
Geeson and Ball
Colombo street—
A. Wilson
Hereford street—
Thos. Anderson
Manchester street—
W. Armstrong
Montreal street—
John Johnson
J. Williams
Cashel street—
John Anderson
Papanui Road—
H. Wagstaff

BOOKSELLERS AND STATIONERS.

Colombo street—
J. Younghusband
Wheeler and Son
Mrs. Pope
A. T. W. Bradwell
High street—
S. Easton
A. J. Stevens
Cashel street—
Charles Bonnington
John Hughes
J. G. Baker

BOOKBINDERS, &c.

Cambridge Terrace east—
R. Jones
High street—
S. Easton

BOOT AND SHOEMAKERS.

Colombo street—
J. Atkinson
G. Fisher
T. Yates
Samuel Goodman
W. A. Pearce
High street—
B. Hall
W. Haines
G. and T. W. Jones
G. Wilczynski
Cashel street west—
Joseph Suckling
Charles M'Nichol
Chester street—
G. Ramsgar
Whateley Road—
John Caygill
Tuam street—
T. Pring
Oxford Terrace—
D. M'Clannan
Gloucester street—
Thos. Cary

BOWLING ALLEY.

Colombo street—
Central Hotel, Moir and
Campbell

BRICK AND TILE MAKERS.

Ferry Road—
G. Jackson
Hereford street—
G. Reynolds

BRICKLAYERS AND
PLASTERERS.

Cashel street east—
George Innes
Hereford street east—
J. Foley
St. Asaph street—
E. Brooker and Son
T. Sinclair
Town Belt east—
J. Joll
Papanui road—
— Machin

BREWERS.

Town Belt east—
J. H. Ward and Co.
Cashel street—
H. Brown & Co.
Colombo street—
Deacon and Vincent
Barbadoes street—
S. Manning
Kilmore street—
A. Moore
Antigua street—
May and Co.

BUTCHERS.

Colombo street—
W. H. Mein
T. H. Green
W. Withey and Co.
High street—
John Smithson
Gunnell and Co.
Cashel street—
J. Rowley
W. D. Culbert
Lane Bros.
T. Wilkinson
Durham street—
J. Bailey
Oxford terrace—
J. Rosewarne
Whately road—
Nicholson and Lodge

CAB PROPRIETORS.

Cashel street—
R. Anderson
Kilmore street—
Charles Bishop
H. W. Read
H. Jones
Barbadoes street—
William Dunn
Armagh street—
Thomas Homan
Durham street—
Thomas Goodyer

CANDLEMAKERS.

Cashel street—
J. King
Salisbury street—
T. Sheridan

CARPENTERS & BUILDERS.

Hereford street—
Robert Grey
Thomas Stokes
T. Hepburn
Balcke and Brouard
Kilmore street—
G. Cliffe
William Stevenson
J. W. Webb
J. Buxton
John Wilkinson
Lichfield street—
Joseph Bailey
John McGuire
Oxford terrace west—
J. Fleming
Salisbury street—
Thomas Milner
John Stanley
St. Asaph street—
Charles Napier
John McLeod
John Morrison
Arthur Ward
Samuel Rigg
Town Belt east—
William Scarlet
Ferry road—
F. Jenkins (City Saw Mills)

Colombo street—
Edward Williams
T. Mallet
G. Warden
A. Clephane
G. Robson
Manchester street—
John Aston
Charles Allison
William Widderson
Antigua street—
Donald McDonald
Thomas Potts
Armagh street—
Samuel Jenkins
William Hull
Henry Parson
George Kinnear
John Johnson
Cambridge terrace east—
Edwin Coxhead
Cashel street—
L. Jackman
John Hughes
Samuel Clarkson
Chester street—
Robert Hill
Durham street—
John Lee
James Goss
Peterborough street—
J. Carter
Tuam street—
Josiah Long
J. Haigh
William Gourlay
Whately road—
J. Buxton

Worcester street—
John Smith
R. Gray
Papanui road—
J. Rutland
Thomas Purdie
Thomas Machin

CARTERS.

High street—
Reese and Barrett
Madras street—
H. Faulkner
E. Gillon
Colombo street—
Robert Clephane
Salisbury street—
T. Lee
Small
Kilmore street—
B. Gahagan
Tuam street west—
Lawrence
Peterborough street—
Badden
Joyce
Chester street east—
Pepprill

CHEMISTS & DRUGGISTS.

Colombo street—
J. C. Brooke and Co.
Cook and Ross
High street—
H. Iliffe
Charles Rayner
Cashel street—
Richard Robinson

CIRCULATING LIBRARIES.

Colombo street—
J. Younghusband
E. Wheeler and Son
Cashel street—
J. Hughes.
High street—
A. J. Stevens

CORN DEALERS, &c.

Colombo street—
W. H. Greenlee
High street—
W. D. Wood
Gloucester street—
S. Treleaven
Cashel street—
Cox and Baber
W. H. Lane
Whately road—
J. L. Wilson

COACH PROPRIETORS.

High street—
Cobb and Co.
Gloucester street—
Bruce and Coe.

COACH MAKERS.

Whately Road—
H. Wagstaff
Kilmore street—
S. J. Lane and Co.

COFFEE & DINING ROOMS.

Market place—
C. F. Worth
High street—
J. Birdsey
Morton and Robertson
H. Allchin
Colombo street—
Provincial Larder
Fuchs Mechanics' Hotel
St. Asaph street—
— Jones
Gloucester street—
— Howard

COOPERS.

Tuam street
George Pepper
Samuel Webber
Chester street—
Richard Savage
Market place—
J. and E. Ford

COPPERSMITHS, BRAZIER, &c.

Armagh street—
E. Hiorns
Colombo street—
W. Neeve

CONFECTIONERS.

Colombo street—
Thomas Gee
A. Ritchie
J. S. Hawley
J. Aulsebrook
J. Mummery
High street—
— Hollingsworth
Gloucester street—
T. Wilson
Oxford terrace—
— Allen
Durham street—
John Griffin
Cashel street—
S. Gibbons
G. Peacock
Manchester street—
A. Thiele

CORDIAL MANUFACTURER, &c.

Oxford terrace east—
W. C. Butement
Cambridge terrace—
Dearnley and Co.
T. Raine
St. Asaph street—
J. Milson

COMMISSION AGENTS,
GENERAL.

Hereford street—
S. B. Stiffe
C. Fredk. Beeby
A. Louisson
G. D. Lockhart
Colombo street—
Brownell and Co.
High street—
Aikman and Wilson
J. Ollivier and Son
Market square—
R. Brunsden
Peterborough street—
J. Strangman
Cashel street—
Slater and Allsopp, accountants

CLOTHIERS & OUTFITTERS.

Colombo street—
Jones, Candy, and Dewsbury, Colombo House
H. Moss, Monster Clothing Hall
G. Gould, Cookham House
Abraham, Brothers
W. Harris
Roach, Brothers
E. Phillips and Co.
High street—
Bethel Ware
A. Abrahams
H. Moss, Monster Clothing Hall
E. Goodacre and Co.
W. Pengelly
Cashel street—
Stringer, Grierson, & Shackleton
Kirby and Co.
W. Pratt

CUSTOM HOUSE AGENTS
AND BONDED STORE-KEEPERS.

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

DENTISTS.

Colombo street—
Cooper and Taylor
D. C. Anderson
Cashel street—
R. Robinson

DRAPERS AND SILK
MERCERS.

Colombo street—
E. Phillips and Co.
Axup, Steward, and Bell
Mrs. Williams

High street—
W. Strange and Co.
Bethel Ware
Mrs. Butler

Cashel street—
Stringer, Grierson, & Shackleton
W. Gavin
Kirby and Co.
W. Pratt
J. Nesbitt
Cathedral square—
H. E. and M. S. Lowther
Gloucester street—
Mrs. Coe
Oxford street—
Miss Morrow
Tuam street—
W. Cuddon
Hereford street—
Mrs. Cuthbert

ENGINEERS & MACHINISTS

Durham street—
Josiah Hadley
Cashel street—
John Anderson
Manchester street—
W. H. Barnes

ENGRAVERS, LITHOGRAPHERS,
AND COPPER-PLATE PRINTERS.

Gloucester street and Cathedral square—
Ward and Reeves
Lichfield street—
Cousins and Wolfe
Cashel street—
Doyle, Brothers, and Co.

FANCY REPOSITORIES.

Colombo street—
J. Younghusband
H. Leake
C. Prince
E. Wheeler and Son
Cathedral Square—
Mrs. Jackson
High street—
Simpson and Marks
R. Tucker

FISHMONGERS.

High street—
J. Carter and Co.
Italian Fish Company
Gloucester street—
— Haward

FOUNDERS.

Cashel street—
J. Anderson
Manchester street—
W. H. Barnes

and Sprot

FRUITERERS AND GREEN-GROCCERS.

Colombo street—
Charles Prince, Sydenham House
J. Hargood
High street—
J. Carter and Co.
W. Fisher
Whateley Road—
W. Tremayne
Oxford Terrace—
J. J. Bennetts
Cashel street—
Thos. Harris
— Peacock
Gloucester street—
— Haward

GARDENERS.

Lichfield street—
W. Wilson
Colombo street—
J. Tunmer
T. Clephane
Antigua street—
W. Hislop
Barbadoes street—
Mrs. J. Dew
Kilmore street—
W. Swale
G. Barwell
Tuam street—
R. Chadley
Oxford Terrace—
George Clark
Worcester street—
James Fuller
John Procter—
Town Belt east—
J. K. Kitchingman
Durham street—
John Pearce
Aconside—
W. Swale

GENERAL BOOKING OFFICES.

High street—
Cobb and Co.
Gloucester street—
Bruce and Coe

GLASS, CHINA, AND EARTHENWARE DEPOTS.

Colombo street—
Charles Prince, Sydenham House
H. Leake, London and Paris House
J. W. Anderson, China and Glass House
High street—
C. Oswald
Davis and Co.
Salisbury Road—
T. Sheridan Knapman

GROCERS AND GENERAL STOREKEEPERS.

Colombo street—
T. Mummery
Gould and Miles
Jameson and Hicks
H. Pratt
W. Smallwood
M. M. Wyatt
D. Bloom
N. Waxman and Co.
Benjamin and Co.
C. Riddle
H. T. Gourlay
High street—
Fisher and Co.
J. H. Jackman
W. H. Davenport
Davis and Co.
Alexander Mathews
Mrs. Williams
J. Dix
J. Longman
A. J. White
T. D. Jones
C. Riddle

Cashel street—
C. Kiver
R. and D. Sutherland
H. J. Hall
J. King
Gloucester street—
James Wilson
Madras street—
John Mollison
Market Place—
T. De La Mare
Oxford Terrace west
Cuddon and Munning
Montreal street—
H. Lowther
Whately Road—
Trent and Knapman
John Rutland
Tuam street—
W. Cuddon
William Gourlay
Kilmore street east
S. Brooker

HAIRDRESSERS.

Colombo street—
A. A. —
S. and S. Hooper
C. Griffin
Cathedral square east—
W. Brice
High street—
C. Prebble
Tuam street—
J. Priestnall

HOTELS AND PUBLIC HOUSES.

Cathedral Square—
White's Hotel, W. White
Manchester street—
The Railway, J. O'Neil

Gloucester street—
Criterion, John Coker
Shakspeare, H. C. West
Corporation, J. Nesbitt

St. Asaph street—
Barrett's, J. Barrett

Whately Road—
Britannia, J. Mummery
Carlton, G. Oram

Hereford street—
Collins', J. Collins

Montreal street—
Crown, T. Sharp

Colombo street—
Central, Moir and Campbell
Caledonian, F. Newnham
Golden Fleece, Smith and
Newton
Hope Temperance, C. F.
Worth

Oxford Family, A. A. Adley
Garrick, G. Dell
Albion, J. H. Tompkins
Railway Chop House, T. B.
Tompkins

A 1, Commercial, J. Blake
Mechanics, J. Fuchs
Prince of Wales, J. Whale

High street—
The City, J. G. Ruddenklau
White Hart, W. Jones
British, J. Birdsey
The Harp, J. O'Hara
Dunedin Club, Morton and
Robertson

Durham street—
Devonshire Arms, J. Hart

Oxford Terrace east
Mills' Hotel, J. Mills

Oxford Terrace west
The Standard, W. Willis
The Royal, J. Cuff

Tuam street—
Star Hotel, H. Allchin
White Horse Hotel, W. E.
Samuels
The Wellington, Gosnell and
McDermot

Summer Road—
Caversham House, J. Blake

Market Place—
Royal Oak, J. Banks

Cashel street—
Provincial, W. Styche
Tweed House, N. Edgar
Parker's Hotel, J. Parker

Windmill Road—
Shearers' Arms, — Dearing

INSURANCE COMPANIES.

Cashel street—
Liverpool and London, W.
Bowler, agent
Colombo street—
London and Lancashire, J.
J. Lewis, agent
Australasian Mutual Provident
Association (Life),
J. Lewis, agent

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

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

Oxford terrace—
Northern, F. Thompson,
agent

High street—
Imperial, Dalgety, Buckley,
and Co., agents
Pacific Fire and Marine, T.
Peacock, agent

IRONMONGERS.

Colombo street—
E. Reece and Co.
W. Neeve

High street—
T. W. Gourlay and Co.
J. Cohn and Co.

Joseph Rowley
Manchester street—
A. Mein

Hereford street—
Hawkes and Strouts

Tuam street—
Thomas Williams

Lichfield street—
George Booth

LAND & ESTATE AGENTS.

Colombo street—
Luck and Clark
H. E. Alport

Cathedral square—
Matson and Torlesse
DeBourbel and Co.

High street—
Aikman and Wilson
Ollivier and Son

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

LIVERY AND COMMISSION STABLES.

Cashel street—
W. D. Barnard
J. Ladbrooke
Cobb and Co.

High street—
W. Jones
Joseph Page

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

Gloucester street—
Bruce and Coe

Tuam street—
W. Anderson (Royal)

Oxford terrace west—
T. Shailler

Market place—
A. W. Money

LOAN AND TRUST AGENCY COMPANIES.

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

Cashel street—
New Zealand Trust and Loan
Company, W. D. Car-
ruthers

LODGING AND BOARDING HOUSE KEEPERS.

Cashel street—
Mrs. D. Hossack—Clontarf
House

Oxford terrace west—
Mrs. Pavitt—Avon House
D. McClannan

Colombo street—
W. Crowe—The Canterbury
C. Money—The Victoria

St. Asaph street—
E. Seager — Burlington-
house

Tuam street—
J. Swinbourn, Swinbourn's

Hereford street—
Mrs. Alfrey

Montreal street—
Mrs. Grey

MEDICAL PRACTITIONERS.

Armagh street—
W. Deamer, M.D.

Colombo street—
J. D. Frankish, M.D.
E. H. Marshall, surgeon

Madras street—
A. Florance, surgeon
J. S. Turnbull, M.D.
C. Leach, surgeon

High street—
R. Iliffe, surgeon

Kilmore street—
S. S. Stedman, M.D.

Oxford terrace west—
C. Nedwill, surgeon

Hereford street—
J. W. S. Coward, surgeon

MERCHANTS, TIMBER.

(Firewood, coal, lime, bricks,
slates, cement, &c.)

*Colombo and Cashel streets and
Christchurch quay*—
Montgomery, Todhunter and
Co.

*Manchester street and Union
wharf*—
Milton and Co.

*Manchester street and Heath-
cote wharf*—
Aikman, Knight and Co.

Cathedral square west—
Hillton and Co.

High street—
Langdown and Co.

*Gloucester street and Heathcote
steam wharf*—
T. and E. Pavitt

MERCHANTS, GENERAL.

Colombo street—
Geo. Gould
Gould and Miles
Brownell and Co.
E. Reece and Co.

High street—
Dalgety, Buckley and Co.
F. Mason and Co.
L. E. Nathan and Co.
J. D. Macpherson and Co.
Aikman and Wilson

Hereford street—
Walton, Warner and Co.
Miles and Co.
Hawkes and Strouts
Morrison, Sclanders, Fletcher
and Co.
E. S. Dalgety and Co.
A. Louisson

Cathedral square—
J. M. Heywood and Co.
R. Symington

Gloucester street—
Urquhart Macpherson

Cashel street—
Montgomery, Todhunter and
Co.
Taylor and Co.

Lichfield street—
Peacock and Co.

Tuam street—
McLean, Thiel and Mytton
R. T. Stanley

Manchester street—
Milton and Co.

Hereford street—
Burnell, Bennett and Sprot

Manchester street—
Montgomery, Todhunter and
Co.

Manchester street—
Urquhart Macpherson

Cashel street—
Montgomery, Todhunter and
Co.

Lichfield street—
Peacock and Co.

Tuam street—
McLean, Thiel and Mytton
R. T. Stanley

Manchester street—
Milton and Co.

MERCHANTS, WINE AND SPIRITS, &c.

Colombo street—
E. B. and F. A. Bishop
J. Grant

Manchester street—
E. Pilbrow

Hereford street—
Burnell, Bennett and Sprot

MILLERS (FLOUR.)

Hereford street—
W. H. Lane
Town belt, north—
W. T. Stevens
Fendal Town road—
W. D. Wood

MILLINERS AND DRESS-MAKERS.

Colombo street—
Mrs. Edward Williams
Mrs. A. M. Smith
Mrs. Williams, Glasgow-house
Axup, Steward and Bell, Leamington House
Mrs. Walters
Durham street—
Mrs. Jackson
Market Place—
Miss M. Smith
Gloucester street—
Miss Hicks
Mrs. Coe
Manchester street—
Mrs. Butler
Hereford street—
Mrs. Cuthbert
Papanui Road—
Mrs. J. T. Pain
Kilmore street—
Mrs. Reid
Miss Winskill
Oxford Terrace—
Miss W. Morrow
Cashel street—
Miss Hamilton
Mrs. Jones
Mrs. W. Pratt
Mrs. Nesbitt
High street—
Misses Hawley
Miss Strange and Co.

NEWS AGENTS.

Colombo street—
Mrs. Pope
A. T. W. Bradwell
J. Younghusband
High street—
A. J. Stevens
Cashel street—
J. G. Baker

NEWSPAPERS.

Lyttelton Times, office, Gloucester street
Press, office, Cashel street
Standard, office, Oxford Terrace west
Evening Mail, office, Cathedral sq.
NOTARIES PUBLIC.

Cathedral Square—
W. P. Cowlshaw, Garrick and Cowlshaw
Hereford street—
H. B. Johnstone and W. H. W. Williams

Manchester street—
G. W. Nalder
Gloucester street—
P. Hammer, Louis, Travers and Hamner
Cashel street—
J. C. Helmore

PAINTERS, PLUMBERS, GLAZIERS, &c.

Colombo street—
W. S. Baker
Button and Paton
A. C. Sutherland
Durham street—
Jones and Smith
Thompson and Baldwin
Gloucester street—
W. E. Samuels
Market Place—
Lummis and Smith
High street—
St. Quentin
Town Belt east—
W. Bush
Whately road—
G. W. Allan

PHOTOGRAPHIC ARTISTS.

Oxford Terrace west—
J. Elsbee
— Martin
Colombo street—
Wheeler and Son
Lichfield street—
E. Walker
High street—
Mrs. R. Smith
Mundy and La'Mert
Manchester street—
— Westropp

POTTERY.

Barbadoes street—
Jackson and Bishop, "The Canterbury"

POULTERERS.

Cashel street—
W. Dorset
— Milbank.

PRINTERS.

Gloucester street—
Ward and Reeves
Oxford Terrace west—
"Canterbury Standard" office
Cashel street—
"Press" office

PROFESSORS OF MUSIC.

Cashel street—
C. Bonnington
— Waddington
Armagh street east—
Mrs. Johnston
Oxford terrace—
Mrs. Clark
Hereford street—
John Bilton

Lincoln road—
R. W. Kohler
Charles Zingraf
Lichfield street—
William Speedy

RESTAURANTS.

Colombo street—
"The Provincial Larder," Anslow and Co.
High street—
"The Dunedin Club," Morton and Robinson
Hereford street—
"The Volunteer," N. T. Johnson
Cashel street—
Holmes and Fearnley
High street—
British Hotel, J. Birdsey

SADDLERS.

Colombo street—
G. Boggis.
High street—
James Wood
G. Hollingworth
Market place—
S. J. Buxton.
Whately road—
J. Earnshaw
G. Peters
Cashel street—
John C. Angus.

SCHOOLS.

Antigua street—
"College Grammar," R. Broughton, M.A.
Durham street—
"Church of England," F. G. Hawley
Manchester street—
"St. Luke's," Mrs. Young
Lower Lincoln road—
"High School," D. Scott
High street—
"Wesleyan," J. Cumberworth, Master; Miss Pemberthy, Mistress
Armagh street—
"Preparatory School," The Misses Hicks
Lichfield street—
"Ladies' School," The Misses Hutcheson
"Infants' Day School," Mrs. Weeden; ditto Miss Charles
Cranmer square—
"Preparatory School," Mrs. Alabaster
Town Belt south—
"Ladies' School," Miss Cameron
Avonside—
Mrs. Charles Thomson

SERVANTS' REGISTRY.

Cathedral square north—
Mrs. Ancell's
Cashel street—
Mainwaring

SEEDSMEN.

Gloucester street—
Duncan and Son.
Cashel street—
H. J. Burnell.
Colombo street—
W. Hislop.
Lichfield street—
W. Wilson.

SLATERS.

Cathedral square—
Gibb and Midgley.
Tuam street—
J. Booth.
St. Asaph street—
J. Stills

SOLICITORS.

High street—
O. W. Oakes
Manchester street—
G. W. Nalder
T. S. Duncan
Lichfield street—
F. Slater
I. T. Joynt
Gloucester street—
Louis, Travers and Hammer
Sewell and Cottrell
Cathedral square—
H. J. Perham
W. S. Moorhouse
Garrick and Cowlshaw
J. D. Bamford
Cashel street—
Foster and Helmore
Hereford street—
W. H. Wynn Williams

STEAM SAW AND PLANING MILLS.

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

STONEMASONS AND CONTRACTORS.

Cambridge terrace—
Hemmingway and Sheriff
Durham street—
J. McCosker
Colombo street—
J. Forgan and Sons
Montreal street—
— Tate
Chester street—
William Blythe

Montreal street south—
Brook and Grogg

STOCK AND STATION COMMISSION AGENTS.

Hereford street—
Miles and Co.
Burnell, Bennett, and Sprot
C. Fred. Beeby
High street—
J. D. Macpherson
Dalgety, Buckley, and Co.
Cathedral square—
De Bourbel and Co.
Colombo street—
G. Gould

TAILORS.

Colombo street—
G. Fletcher
Hobbs and Son
D. Phillips
Gloucester street—
John Morgon
J. Pappill
High street—
W. Pengelley
H. Moss
Cashel street—
Sawtell and Thompkins
— Mills

TINSMITHS.

Cashel street—
W. Calvert
High street—
J. Rowley
W. Calvert
Gloucester street—
C. Blore
Lichfield street—
John Tompkins
Market square—
J. H. Nieman

TOBACCONISTS.

Colombo street—
H. H. Smith
A. Ayers
S. and S. Hooper
High street—
Simpson and Marks
Cashel street—
Fred. Hitches

TOWN CRIERS.

Kilmore street—
E. Redman
Papanui road—
C. Wigsell

UNDERTAKERS.

Colombo street—
J. Baldwin
Cambridge terrace—
A. Osborn.

UPHOLSTERERS AND CABINET-MAKERS.

Colombo street—
J. Baldwin
G. Edmond
High street—
W. Webb
Oxford terrace west—
G. Clark
Cambridge terrace—
A. Osborn
Whately road—
Walters and Co.
J. Harker
Cashel street—
D. Le Comte
Salisbury street—
Thomas Milner

VETERINARY SURGEONS.

Durham street—
E. Knapman
Armagh street—
Hill and Fish
Tuam street—
J. Rule, Sen.
Kilmore street—
T. Hankins

WATCHMAKERS AND JEWELLERS.

Colombo street—
G. Coates
A. Urquhart
H. H. Smith
D. C. Anderson.
High street—
J. Cockroft
P. Petersen.
Cashel street—
Barnard and Sandstein
W. Blundell.
Gloucester street—
J. Woodford

WHEELWRIGHTS.

Kilmore street—
Cooper, Thomas
Tuam street—
Coupe, Robert
Cashel street—
Hossack, John
Tuam street—
Martin, Peter.
Manchester street—
Paddock, C.
Peterborough street—
Price, P.

ZINC WORKERS.

High street—
John Longman.
Armagh street—
E. Hiorns.
Market Place—
J. H. Niemann.

LYTTELTON.

AERATED WATER MANUFACTURERS.

Gee, T M, Canterbury street
Milsom, R, London street
O'Hara, W, Oxford street

ARCHITECT AND SURVEYOR.

Igglesden, Chas. M, Exeter street

AUCTIONEERS.

Hargreaves, E A, Norwich Quay
Hargreaves, William do
Wolledge, C H, Oxford street
Preece, Thomas, London street

BAKERS & CONFECTIONERS.

Gee, Thos M, Canterbury street
Gibbons, William, do
Olliver, William, London street
Bradfield, Richard, do
Hunter and Lock, do
Bunker and Son, do

BANKS.

New Zealand, London street, J
Kissling, manager
Union Bank Australia, Norwich
Quay, E Byrne, manager
New South Wales, Norwich Quay,
H. Gouldstone, manager

BALLAST-MEN.

Bennington, John, London street
Fitzsimmonds, Wm, do
Hutchinson, Robert, do
M'Ara and Co., Oxford street

BLACKSMITHS.

Childs, J, Oxford street
Cordery, B, Winchester and Ox-
ford streets
Grange, Thomas, Bridle path

BOARDING HOUSES.

Card, Mrs, Hawkhurst road
Derry, W H, Winchester street
Clapman, John, do
Gundry, S, Waicliffe house,
Dampier's bay
Leslie, Thomas, Saxon Dining
Rooms, Norwich Quay
Whyman, Thos, Norwich Quay
Herbert, William, London street

BOOKSELLERS & STATIONERS.

Mills, E, London street
Tayler, Geo, do

BOOT AND SHOEMAKERS.

Milnes, John, Norwich Quay
Percy, John, London street
Trevitt, Thomas, do
Walker, William, do

Young, William, Canterbury
street
Stamford, W, (and currier,) Lon-
don street
Webb, Samuel, London street

BRICKLAYERS.

Salt and Hinet, Ticehurst road
Salt, William, Hawkhurst road

BUILDERS & CONTRACTORS.

Alison, James, Simeon Quay
Alison, John, St David street
England, Brothers, Oxford street
Graham and Weyburn, Oxford
street

Mutton, Thomas, Oxford street
Salkfield, William, Dampier's Bay
Stout, James B, London street
Westell, Anthony, St David street
M'Ara and Co, Oxford street
Chalmers & Hall, Brenchley farm

BUTCHERS.

Armitage Brothers, London st.
Bennett, Edwin, Norwich quay
Fox and Co, London street

CABINET MAKERS.

Bundy, D, London street
Wilcox, J S, Canterbury street
Godfrey, William, Exeter street

CARRIER.

Stanford, W, London street

CARPENTERS.

Allison, J, Dampier's Bay
England Bros., Oxford street
Mutton, Thomas, do
Westell, A, do
Stout, J B, London street
Salkfield, Wm, Dampier's Bay

CARTERS.

Dimond, David, Winchester st.
Dimond, Sydney, do
Graham, James, St David street
Graham and Weyburn,
Brenchley Farm
Merson, John, Voelas road
Read, William, do
Nurse, Charles, Norwich quay
Scott, Geo F, Canterbury street
Pearson, Samuel, Winchester st.
Fisher, John, London street
Rangecroft, H, Canterbury street
Kenner, J, Exeter street
Olliver, W, do

CHEMISTS AND DRUGGISTS.

Lawrence and Co, Canterbury st.
Elleston, E S, London street

COOPER.

Duncan, William, London street

COAL YARDS.

Julian, William, Oxford street
Hargreaves and Co, Norwich
quay
Peacock and Co, Wharf

COMMISSION AGENTS.

Genet, Edward, Sumner Road
Preece, Thomas, London street
Johnson and Jenkins, do
Willecox, John, Bridle path

COACH PROPRIETORS.

Cobb and Co, Queen's Hotel,
London street
Bruce and Coe, Canterbury street

CUSTOM HOUSE AGENTS.

Heywood and Co, Norwich quay
Johnson and Jenkins, London
street

Latter, Robert, Norwich quay
Louison, A, Oxford street
Macpherson, J D, Oxford street
Miles and Co, Norwich quay
Wolledge and Co, Oxford street
Wright, S E, Norwich quay
Dalgety, Buckley and Co, Nor-
wich quay
Peacock and Co, Norwich quay

DAIRYMEN.

Baker, Charles, London Street
Buckley, Henry, Gollan's Bay
Chalmers, A, Brenchley Farm
Oldfield, W, College land
Day, William, Dublin street
Dowdall, Thomas, Cass' Bay
Ford, Henry, do

DEALERS IN FANCY GOODS.

Taylor, George, London street
Tucker, R, do
Mills, E, do
Billens, Robert, Oxford street

DRAPERS AND CLOTHIERS.

Cameron Brothers, Norwich quay
Heslop, Geo, Canterbury Street
Merson, Thomas, London street
Pearce, W C, do
Brooke, Richard, do
Phillips, A and S, do

ENGINEER AND MACHINIST.

Grange, Thomas, Bridle path

GARDENERS.

Arthur, Z, Jackson road
Carrall, John, Jackson road
Carrall, Louis, Jackson road
Dale, Thomas, Hawkhurst road
Wells, Thomas, College land
Wishart, W, Jackson road

HAIRDRESSER.

Mrs Dash, London street

HOTELS AND PUBLIC HOUSES.

Albion, London street, John Hill
Canterbury, Norwich quay, R
Davis
Mitre, Norwich quay, Edward
Nurse
Odd Fellow's Arms, R Pearson,
Winchester street
Queen's, London street, J N
Fairhurst
Railway, London street, D Palmer
Rising Sun, London street, R
Belgrave
Robin Hood, Norwich quay, P
Cameron
Wheat Sheaf, London street, F
Mason

IRONMONGERS.

Racco and Co, E, Oxford street
Wright, S E, Norwich quay
Austin, Wm, London street

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Rhodes, Alfred, Oxford street
Macdonald, James, Hawkhurst
road
McAra and Co, Oxford street

LIVERY STABLES.

Albion, London street, J Kennell,
keeper
Bruce and Coe, Canterbury street
Cobb and Co, Queen's stables,
London street
Derry, Wm, Winchester street

LLOYD'S AGENT.

Macpherson, J D, Oxford street

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wich quay
Davis, D, Norwich quay
Dransfield, Joseph, London street
Fooks and Co, Norwich quay
Hall, Ritchie and Co, Norwich
quay
Hargreaves and Co, Norwich
quay
Heywood and Co, J M, Norwich
quay

Latter, Robert, Norwich quay
Macpherson, J D, Oxford street
Macpherson, U, Norwich quay
Miles and Co, Norwich quay
Peacock and Co, Norwich quay
Renshaw, H, London street
Symington, Robert, Norwich quay
Taylor and Co, Norwich quay
Walton, Warner and Co, Canter-
bury street
Wolledge and Co, Oxford street

MILLINERS & DRESSMAKERS.

Alexander, Miss, London street
Austin, Mrs W, do
Hamilton, Mrs, Dampier's Bay
Pearce, Mrs W C, London street
Chapman, Mrs, Winchester street

NEWSPAPER AGENCIES.

Lyttelton Times, Oxford street
Press, London street
Evening Mail, Canterbury street

NOTARY PUBLIC.

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ORGANIST & PRIVATE TUTOR.

Flood, H., Winchester street

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Allwright and Street, Canterbury
street
Balestiee, J L, St David street
Cummins, Wm, London street
Heslop, Canterbury street

PRINTERS.

Ward and Reeves, Oxford street

SAILMAKERS.

Dunsford, R, Norwich quay
Forbes, Robert, Canterbury street

SCHOOLS.

Church of England, Winchester
street—J T Ward, master
Presbyterian, Winchester street—
James Ferguson, master
Wesleyan, Winchester street—
Mrs Miller, mistress
Perrin, Mrs, Canterbury street

SHIPWRIGHTS.

Grubb, John, London street
Allen, Magnus, Jackson road
Allen, —, Jackson road
Arkiss, J, Dampier's Bay
Flett, Robert, Hawkhurst road
Westlake, James, Dampier's Bay
Jenkins, R, Sumner road

SHIP CHANDLER.

Dunsford, H, Norwich quay

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Priest, Thomas, Oxford street

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Billens, R, Oxford street
Bunker and Son, London street
Cameron Bros., Norwich quay
Chillingworth, Mrs, Canterbury
street
Gee, Thomas M, Canterbury st.
Hawkins and Co, London street
Hunter and Locke, London street

Heron, A, Norwich quay
Eyre, J G, London street
Johnson and Jenkins, London-st.
M'Avoy, Thos, London street
Merson, Thos, London street
Miller, Andrew, London street
Mutton, Thomas, Oxford street
Hester, Thomas, Oxford street
Stout, J B, London street
Bradfield, Rd, London street
Gibbons, Wm, Canterbury street

STONEMASONS.

Chaney, Wm sen, Winchester-st
Chaney, Wm jun, Dampier's Bay
Burton, Thomas, Jackson road
Blackler, Edward, Brinchley
Pinch, Wm, Ripon street

SURGEONS.

Rouse, J T, London street
Mottley, Chas, London street

TAILORS AND OUTFITTERS.

Brooke, Richd, London street
Kellaway, Thomas, Canterbury-st
Kirkpatrick, London street

UNDERTAKERS.

Hester, Thomas Oxford street
Stout, J B, London street
Westell, A, David street

WATCHMAKER.

Hales, Mark, London street

WATERMEN (LICENSED).

Agar, George, St. David street
Cochrane, John, Winchester street
Burns, William, London street
Durham, John, Sumner road
Plumber, George, St. David st
Messiter, George, Canterbury st
Edwards, James, Norwich Quay
Woods, Wm, London street
Sutton, Henry, do
O'Neil, James, do
O'Neil, D, do
Genet, Wm, Sumner Road
Martin, Peter, do
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Brown, George, Winchester st
Welsh, John, London street
Whyman, Thomas, Norwich Quay

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and Government Wharf

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Wolledge and Co., Oxford street

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Salkfield, Wm, Dampier's Bay

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J. Weston, Island
J. Whitehead, Charles street

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Bank of New Zealand, Charles street, W Gilkisson, manager
Bank of New South Wales, Charles street, James Heywood, manager

BILLIARD ROOM.

Kaikainui Hotel, J. Grant, Peraki street

BLACKSMITHS.

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

BOOT AND SHOE MAKERS.

John Moore, Charles street
William Edmonds, Sneyd's town
M. Cummings, Charles street
Alfred Clark, North road

BOOKSELLER AND STATIONER.

John Hebden, North Road

BREWERS.

Riekman, Bros., Sidey quay

BRICKLAYERS.

W. A. Ayers, North road
J. Henwood, Peraki street

BRICKMAKERS.

Belcher and Co., North road

BUTCHERS.

Weston and Parnham, Charles st
Gabbie and Co., Charles street

CARPENTERS AND BUILDERS.

G. Hancock, Charles street
R. W. Smith, Jones street
R. Pourie, Island
S. Neville, Sewell street
T. Pearce, Sewell street
W. Weston, Peraki street
J. Ashworth, Sneyd's Town

CARTERS.

Belcher and Fairweather, North road
John Simms, Charles street

John Harper, Island
H. Buchanan, Charles street
R. Hunt, Peraki street

CHEMIST AND DRUGGIST.

James Swann, Charles street

CIRCULATING LIBRARY.

John Hebden, North road

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L. A. Hart and Co., Charles street

COPPERSMITH, BRAZIER, &c.

J. Hitch, Peraki street

COOPER.

M. Hall, Raven street

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Beswick and Birch, Charles street
J. Fuller, Meadow road
Rickman Bros., Sidey quay
John Hebden, North road
A. Weston, Island

DRAPERS.

E. Roberts and Co., Charles street

FISHMONGER, FRUITERER, &c.

W. Alexander, North road

GENERAL STOREKEEPERS.

G. C. Black, Charles street,
J. White and Co., Charles street
A. Weston, Black street
J. Winterbourne, Peraki street

GINGER BEER AND AERATED WATER MANUFACTURER.

J. Swann, Charles street

HORSEBREAKERS.

W. Jannaway, Charles street E.
Lewis, North road
Ben, George, Peraki street
G. Edwards, Island

HOTELS.

Kaipoi Hotel, G F Day, Charles street
Northern Hotel, Charles street
Exchange Hotel, B T Missen, Jones street
Ferryman's Arms, S A March, North road

Kaikainui Hotel, James Grant, Peraki street
Sneyd's Arms, B Jeffs, Sneyd's town
Mandeville Hotel, W Hammett, Raven street
Pier Hotel, Oram Brothers

LADIES' SCHOOL.

Miss Parnham, North road

LIVERY STABLE KEEPERS

W. A. Crook, North road
J. Morrison, Charles street
C. Fairweather, North road
John Simms, Charles street

LODGING-HOUSE KEEPERS.

Cheltenham House, C. Fairweather, North road

MEDICAL PRACTITIONERS.

S. Beswick, North road
C. Dudley, Ohoka road
W. Welch, Charles street

MERCHANTS.

Beswick and Birch, Charles street

MILLINER AND DRESS-MAKER.

Mrs. Hitch, Peraki street

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"Press," J. L. Wilson, North road

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F. S. Funston, Charles street
J. Jones, Peraki street
Hubert Oram, Charles street

PHOTOGRAPHIC ARTIST.

S. Corrigan, Charles street

POUNDKEEPER.

M. Lynskey, North road

SADDLERS.

P. L. Melson, Charles street

SCHOOLS.

J. Mathews, Church of England, Island
W. H. Wake, Wesleyan, Island
Mrs. Kirton, Presbyterian, Sewell street

SOLICITORS.

J. H. Caffry, North road
J. C. Porter, Raven street

TAILOR.

J. Harrison, Peraki street

TURNER.

J. Winterbourne, Peraki street

UNDERTAKER.

G. Hancock, Charles street

WATCHMAKER.

C. Lezard, Charles street

WHEELWRIGHTS.

B. Ellis, Charles street
H. Kite, Black street
W. Hall, Peraki street

WOOLBROKERS.

Beswick & Birch, Charles street

RANGIORA.

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BAKERS.

W. Sansom
S. H. Chapman

BLACKSMITHS.

Mark Melbourne
John Johnston

BOOT AND SHOEMAKERS.

Thos. Pring
G. Nicholas
J. Perrott
— Martin

BREWERS.

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S. Howard
R. Right

BRICKLAYERS.

J. Evans
R. Evans
S. Golding
R. Golding

BUTCHERS.

G. Hessel
J. Lilly

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G. Dale
J. Horniblow

Cole and Pearce

J. Barker
G. Holton
C. Jennings
J. Tourrell
J. Frost
R. Schmidt
J. Withers

CARRIERS.

W. Sansom
F. Bean

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C. Bourke

CORN DEALERS.

Riekman Brothers

GARDENERS AND SEEDSMEN.

W. Ivory
J. Josling

HOTELS.

Lion Hotel, Thos. Wycherley
Rangiora Hotel, W. T. Baugh
Masonic Hotel, E. Steggall
Plough Inn, S. Stephens

MEDICAL PRACTITIONERS.

W. B. Tripe
— Downes

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Cam Mill, J. Marshall
Southbrook Mill, A. Cole
Southbrook Mill, R. Grimwood

MILLINER.

Mrs. Purvis

POUNDKEEPER.

T. W. Heath

POST-OFFICE.

J. B. Wilson

SADDLER.

— Keast

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Church of England, Boys'—C. Merton
Church of England, Girls'—Miss Hicks
Wesleyan—T. W. Heath
Ladies'—Mrs. Foster

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J. B. Wilson
H. Blackett
E. Good
W. Sansom
Tuck and Dudding
Thompson and Co.
F. Bean

UNDERTAKER.

C. Jennings

WHEELWRIGHT.

J. Horniblow

LEITHFIELD.

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Blacksmith—J. Barclay
Bricklayer and Stonemason—W. Dalgleish
Brickmaker—T. James
Butcher—H. Mahlar
Carpenters and Builders—J. and J. Stevenson; D. and E. Shaw; B. Ward; A. W. Rowland
Carter and Contractor—J. Matthews
Cowkeeper—D. McLean

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Dressmakers and Milliners—Mrs Matthews; Misses Hawley
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Horse-Breaker—T. Dillon
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Labourers—J. Cooper; H. Baker; S. Farley
Livery Stables—Rhodolph Nelson
Lodging-House Keeper—J. Smith
Miller—W. Anderson.

Moulder—Stephen Farley
Nurseryman—G. Locke
Police Sergeant—A. J. Barsham
Post Office—R. Woodhouse, Postmaster
Postman to Highfield—W. Barnard
Resident Magistrate—W. B. Pauli
School—T. Dean
Shipwright—Thomas Muir
Surgeon—M. Morris
Wheelwright—D. Shaw

LIST OF LICENSED WATERMEN AND BOATS PLYING IN PORT LYTTELTON.

NO. OF LICENSE.	NAME OF WATERMAN.	NAME OF BOAT.	NO. OF PASSENGERS LICENSED TO CARRY.
1	George Agar	Blue Tail Fly	9 passengers, or less of luggage in lieu of each passenger
"	"	White Squall	8 " "
2	John Durham	Messmate	7 " "
3	James O'Neill	Good Will	7 " "
"	"	Paul Pry	13 " "
4	Daniel O'Neil	Return	7 " "
5	William Genet	City of Canterbury	7 " "
6	William Brons	Telegraph	7 " "
7	Thomas Smeaton	Walmer Castle	7 " "
8	George Seymour Plummer	Mermaid	7 " "
9	George Brown	Challenge	9 " "
10	James Edwards	Paddy the Piper	10 " "
11	Peter Martin	Garibaldi	7 " "
12	George Messiter	Spray	13 " "
"	"	White Star	8 " "
"	"	Secret	9 " "
13	John Welsh	Hero	7 " "
14	William Woods	Volunteer	7 " "
15	Henry Sutton	Island Laddie	7 " "
16	John Cochrane	Pride of Lyttelton	7 " "
"	"	Kate	6 " "
17	Thomas Wyman	Try for it	7 " "
18	"	Red Jacket	9 " "
19	Robert Ashworth	Morning Star	8 or 2 cwt in lieu of each passenger
20	George Dean	Rising Sun	12 " "
21	William Phipps	Anything	10 " "
22	William Leasham	Sambo	16 " "
23	Moses Barton	Red Rover	13 " "
24	William Stanley	Lightning	10 " "
25	Paul Nixon Hodgson	Star of Victoria	9 " "

BIRTHS AND DEATHS.—The following table, compiled from statistics published by the General Government in 1862 and 1863, shows the ratio of deaths to births in each of the Provinces, during the eight years ending December, 1862, which is the most ready method of forming a comparative estimate of the health of different populations.

RATIO OF DEATHS TO BIRTHS DURING EIGHT YEARS ENDING DECEMBER, 1862.

Canterbury	1 to 4.19
Otago	1 to 4.04
Nelson	1 to 4.03
Wellington	1 to 3.90
New Plymouth	1 to 1.23
Auckland	1 to 2.49

—From Report of Hospital Surgeons, April 1, 1864.

ADVERTISEMENTS.

ii.

AIKMAN & WILSON,
AUCTIONEERS,
COMMISSION AGENTS,
AND
LAND VALUATORS,
HIGH STREET,
CHRISTCHURCH.

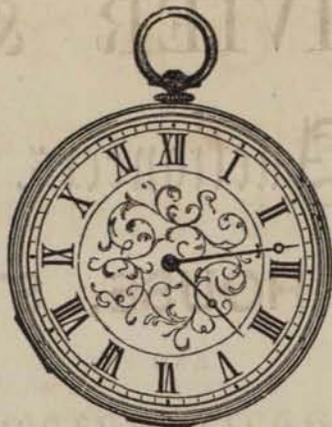
ADVANCES MADE ON STOCK AND OTHER PROPERTY PLACED
IN THEIR HANDS FOR IMMEDIATE SALE.

iii.

J. OLLIVIER & SON,
Auctioneers,
LAND, HOUSE, STOCK,
AND
GENERAL COMMISSION AGENTS.
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ARBITRATORS & VALUERS.
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IN
CASHEL & HIGH STREETS,
CHRISTCHURCH.

Office Hours:

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(Late C. ASMUSSEN,)

WATCHMAKER,

JEWELLER, &c.,

COLOMBO STREET,

(South of CATHEDRAL SQUARE,)

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*Vulliamy, Her Majesty's Watch and Clock
 Maker, 68 Pall Mall,*

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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-JEWELING, &c.

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COLOMBO STREET.

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TIMARU,
RAKAIA SOUTH,

K A I A P O I.

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AND
EARTHENWARE DEPOT.

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CRICKET BATS, BALLS, &c.,

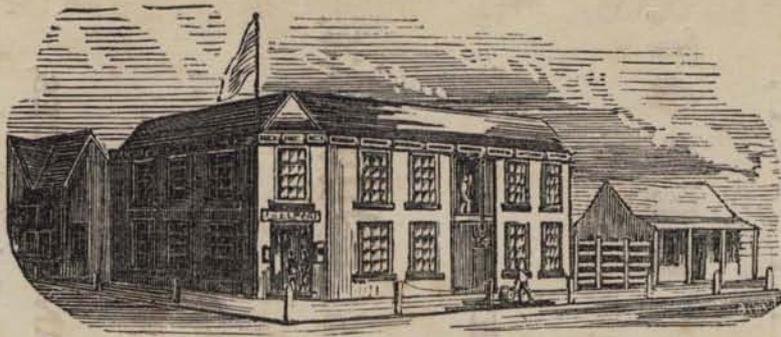
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BADGES, ESCUTCHEONS, AND DEVICES,

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and carefully packed.

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Leather Seller, &c.,

BRISTOL HOUSE.

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FRUITERERS
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1851	£54,305	£27,157	£502,824
1856	222,279	72,781	821,061
1861	360,130	135,974	1,311,905
1862	436,065	138,703	1,417,808
1863	522,102	143,940	1,566,434

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SIR DANIEL COOPER.

Office:

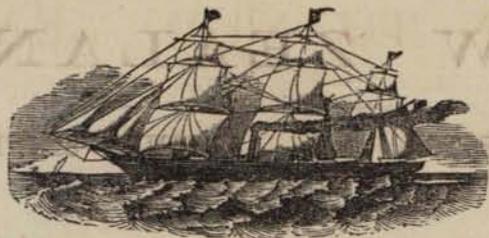
37, CANON STREET, LONDON.

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.

Current Accounts, Cash Credit Accounts, and Fixed Deposit Accounts opened on usual terms.

Rates of Interest, Discount or Exchange, may be ascertained on application at the Bank Offices in Christchurch, Lyttelton, or Kaiapoi.

J. R. HILL, Manager.



INTER-COLONIAL ROYAL MAIL
STEAM PACKET COMPANY,
 LIMITED.

NEW ZEALAND MAIL SERVICE.

This Company's fleet consists of the following first-class powerful Steamers, unrivalled for speed and accommodation:—

	STEAMSHIPS.	
PRINCE ALFRED	900 tons	180 Horse-power
AUCKLAND	850 "	150 "
OTAGO	800 "	150 "
CLAUDE HAMILTON	800 "	120 "
PHOEBE	650 "	120 "
LORD ASHLEY	500 "	90 "
AIREDALE	400 "	80 "
EGMONT	800 "	120 "

Under engagement with the General Government to run regularly at short intervals, between the undermentioned New Zealand and Australian ports:—

LYTTELTON	TARANAKI	BLUFF
WELLINGTON	NAPIER	OTAGO
PICTON	MANAKAU	MELBOURNE
NELSON	AUCKLAND	SYDNEY

All information respecting dates of Arrival and Departure, Rates of Passage, &c., furnished on application to the Agents,

MILES & CO.,

LYTTELTON AND CHRISTCHURCH.

LONDON TO NEW ZEALAND.

Messrs. H. T. WILSON & CHAMBERS'

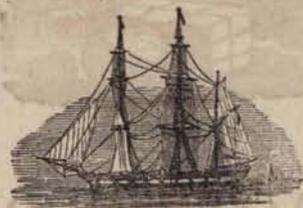
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NEW

STAR

ZEALAND

LINE OF



PACKETS.

To Sail from London for New Zealand, full or not full, on the 15th and 25th of every month.

This line includes the following celebrated steam and sailing clippers, all of them owned in the line. The vessels are commanded by men of great experience in the trade, several of them having been employed in her Majesty's postal service:—

ROYAL STANDARD, s.s., new
 MORNING LIGHT
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 WHITE STAR
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AND OTHER FIRST-CLASS SHIPS.

Messrs. H. T. WILSON and CHAMBERS call attention to the fact that hitherto the Passenger trade between London and New Zealand has been chiefly conducted by Ship-brokers, who have chartered, from time to time, vessels as required. The advantages that will accrue to the public by the establishment of an independent line of vessels, owned by a Firm who will be responsible for the date of sailing, and for the comfort and well-being of their passengers, are so manifest as to need no extended notice.

For freight, cabin, intermediate, or steerage passages, apply to the Owners, H. T. WILSON and CHAMBERS, 21, Water street, Liverpool; to WILSON, BILBROUGH, and CO., 27, Leadenhall street; or to the undersigned, who are prepared to make arrangements with persons desirous of bringing their friends from England to Canterbury.

MILES & CO., Agents,

LYTTELTON AND CHRISTCHURCH.

THE
UNDERSIGNED



ARE
BUYERS OF

WOOL AND OTHER PRODUCE,

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.

MILES & CO., Christchurch & Lyttelton.

STATION SUPPLIES ON HAND.

ROYAL INSURANCE COMPANY.

FIRE AND LIFE.

CAPITAL - - - - £2,000,000.

FUNDS IN HAND EXCEED ONE MILLION. ANNUAL INCOME, £500,000.

LIABILITY UNLIMITED.

One of the Largest Insurance Companies in the World. Its business extends throughout the whole of Great Britain, and very largely into the Continents of Europe, Asia, America and Australia. The Royal is specially distinguished for the Promptitude and Liberality of its Settlements, for its Large Bonusses, Moderate Premiums, and unexampled Prosperity.

EXTRACT FROM LAST ANNUAL REPORT.

"As the largest total of Revenue and the largest ratio of progression have been attained in the present year, so it happens that the largest profit which it has ever fallen to the Directors to record has likewise on this occasion to be announced."

In the Life Department, Bonusses were declared in 1855 and 1860 amounting to

£2 PER CENT. PER ANNUM ON THE SUM ASSURED!

The greatest bonus ever continuously declared by any company.

The Report shows the new business in Life Assurance for 1863 to have amounted to £752,546, being an advance of £24,069 over the previous year. The half year of 1864, however, far outstrips the ratio of progress indicated by these figures, as the sum assured for that period of six months only actually exceeds half-a-million sterling. The Life and Annuity Fund have been augmented by the large sum of £106,052 4s. 3d. in the limit of a single year.

The undersigned having been appointed Agents for the Royal in Canterbury, are prepared to make Insurances on Buildings and other Property at current rates, or on Lives on the most advantageous terms.

All risks rated upon their own merits, and losses promptly settled on the spot.

MILES & CO., Christchurch & Lyttelton.

THE BRITISH & FOREIGN MARINE INSURANCE COMPANY, LIMITED.

CAPITAL - - - - - £1,000,000

In £50,000 Shares of £20 each, with power to increase to £2,000,000.

Chairman.

THOMAS CHILTON of HOLDERNERS & CHILTON Liverpool

Deputy-Chairmen.

HENRY THRELFALL WILSON, of H. T. WILSON & CHAMBERS Liverpool
ARCHIBALD BOYD, Director of the Union Bank of London London

Directors.

FRANCIS C. BRAUN, of BLESSIG, BRAUN and Co. Liverpool
FRANCIS ANDERSON CLINT, of CLINT & Co., Chairman of the Shipowners' Association Liverpool
CHARLES B. COLCHESTER, of COLCHESTER & WOOLNER London
WILLIAM JAMES FERNIE, of FERNIE BROTHERS & Co. Liverpool
ARTHUR BOWER FORWOOD, of LEECH, HARRISON & FORWOOD Liverpool
PETER GEORGE HEYWORTH, of HEYWORTH, PEARCE & BALMAN Liverpool
THOMAS HARRISON, of THOMAS HARRISON & Co. Liverpool
THOMAS KENDALL, of KENDALL BROTHERS Liverpool
EDWARD LAWRENCE, of E. LAWRENCE & Co. Liverpool
GEORGE LYALL, of LYALL, STILL & Co. London
ANDREW MALCOMSON, of J. and D. MALCOMSON & Co. Liverpool
ROBERT MAXWELL, of A. F. and R. MAXWELL Liverpool
GEORGE M. PAPAYANNI, of PAPAYANNI BROTHERS Liverpool
JOHN PARK, of WILLIAMS, PARK & Co. Liverpool
CHARLES K. PRIOLEAU, of FRASER, TRENHOLM & Co. Liverpool
JOHN RAVENSCROFT, Chairman of the North and South Wales Bank Liverpool
JAMES SEARIGHT, of JAMES SEARIGHT & Co. London
SAMUEL STITT, of STITT BROTHERS & Co. Liverpool
THOMAS STENHOUSE, Director of the Chartered Mercantile Bank of India, &c. London
THOMAS WILKINSON TETLEY, of HOLINSHEAD, TETLEY & Co Liverpool

Bankers.

THE UNION BANK OF LIVERPOOL, LIVERPOOL.
THE UNION BANK OF LONDON, LONDON.

Underwriters.

LIVERPOOL—R. N. DALE.
LONDON—F. W. BULLEN.

Secretaries.

LIVERPOOL—J. H. LUKIS.
LONDON—G. F. ARGLES.

Offices.

MANCHESTER BUILDINGS, LIVERPOOL.
25 CORNHILL LONDON.

The undersigned having been appointed Agents for the British and Foreign Marine Insurance Company in Canterbury, are now prepared to accept all kinds of Marine risk at current rates (except on hulls of ships). Losses paid on the spot or in Liverpool or London at the option of the assured.

MILES & CO., Christchurch & Lyttelton.

NEW ZEALAND TRUST & LOAN COMPANY, LIMITED.

CAPITAL - - - - - £500,000

In 20,000 Shares of £25 each (with power to increase).

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ROBERT BROOKS, Esq., M.P. | G. GRENFELL GLYN, Esq., M.P.
J. J. CUMMINS, Esq.

DIRECTORS.

SIR CHARLES CLIFFORD, Chairman
SIR J. H. PELLY, BART., Deputy Chairman
CAPTAIN HENRY CARR GLYN, R.N., 15, Eaton Terrace, Eaton Square.
F. G. DALGETY, Esq., Messrs. Dalgety and Co., Gresham street.
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.

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 enjoyed by the Colonies of Australia and Canada by the Trust and Loan Societies now existing; and is prepared to make advances upon Freehold and other Securities.

Every information afforded on application to

W. D. CARRUTHERS,

General Manager,

CASHEL STREET, CHRISTCHURCH.

ROBERT SYMINGTON,
WHOLESALE DRAPERY WAREHOUSEMAN,
AND
GENERAL IMPORTER,

CATHEDRAL SQUARE, CHRISTCHURCH,
AND
NORWICH QUAY, LYTTELTON.

li.

THE NORTH BRITISH
AND
Mercantile Fire Insurance Company.

Chairman:

JOHN WHITE CATOR, ESQ.
(MESSRS. J. W. CATOR, SON & Co.)

Deputy-Chairman:

CHARLES MORRISON, ESQ.
(MESSRS. MORRISON, DILLON & Co.)

Manager:

GEORGE HENRY WHYTING, ESQ.

CAPITAL, £2,000,000 STERLING.

All Risks Rated upon their Own Merits.

Losses Promptly and Liberally Settled.

Forms of Proposal and every information will be furnished on application to the undersigned, who has been appointed Agent for the Company in Canterbury.

ROBERT SYMINGTON,
CATHEDRAL SQUARE, CHRISTCHURCH;
AND
NORWICH QUAY, LYTTELTON.

BANK OF NEW ZEALAND.

Incorporated by Act of the General Assembly.

CAPITAL—£500,000.

HEAD OFFICES—AUCKLAND.

Directors:

PRESIDENT—JAMES WILLIAMSON, Esq., M.G.A.
 DAVID NATHAN, Esq. JAMES O'NEILL, M.G.A. GEORGE B. OWEN, Esq.
 THE HON. THOS. RUSSELL, M.G.A. CHAS. J. TAYLOR, Esq., M.G.A. ROBERT WATERTON, Esq.

Auditors:

WILLIAM C. WILSON, Esq. HENRY WALTON, Esq., M.L.C.

General Manager:

ALEXANDER KENNEDY, Esq.

LONDON BOARD:

MANAGING DIRECTOR—FALCONER LARKWORTHY, Esq.
 J. LOGAN CAMPBELL, Esq. WILLIAM S. GRAHAME, Esq.
 MATTHEW HOLMES, Esq. ROBT. PORTER, Esq. WM. BOUTCHER, Esq.
 OFFICE, 50, OLD BROAD STREET.

BRANCHES AND SUB-BRANCHES:

TARANAKI	NELSON	CHRISTCHURCH	DUNEDIN
NAPIER	PICTON	KAIAPOI	OAMARU
WELLINGTON	BLLENHEIM	AKAROA	INVERCARGILL
WANGANUI	LYTTELTON	TIMARU	RIVERTON

GOLD FIELDS:

WETHERSTON	DUNSTAN	TEVIOT	SHOTOVER
WAITAHUNA	MANUHERIKIA	KINGSTON	MOUNT IDA
TOKOMAIRIRO	QUEENSTOWN		

AGENCIES:

SCOTLAND—Commercial Bank of Scotland, National Bank of Scotland, City of Glasgow Bank.	SYDNEY—Oriental Bank Corporation.	TASMANIA—Bank of Van Diemen's Land.
IRELAND—National Bank, Provincial Bank of Ireland.	MELBOURNE—Oriental Bank Corporation.	INLAND TOWNS OF AUSTRALIA, INDIA, CEYLON, MAURITIUS, CHINA, SINGAPORE, &c.—The Oriental Bank Corporation.
	GEELONG—Bank of Victoria.	
	ADELAIDE—National Bank of Australasia.	

The Bank grants Drafts and Letters of Credit, and forwards for Collection, Bills drawn on any of the above-named places.

Approved Bills Discounted, Cash Credits Granted, Bills of Exchange Purchased, and Advances made upon Bills of Lading accompanied by Policies of Insurance.

Rates of interest, and general terms of business, may be ascertained on application.

By order of the Board of Directors,

ALEXANDER KENNEDY, General Manager.

KOHLER'S

Concert Hall and Promenade Gardens,

LINCOLN ROAD, CHRISTCHURCH,

(Five minutes' walk from the Royal Hotel).

MR. R. KOHLER

Respectfully informs the inhabitants of Christchurch and surrounding districts, that he has leased the above grounds, and built thereon a

Splendid Ball Room, Gymnasium and Shower Bath,

RIFLE GALLERY (RANGE 105 FEET.)

ARCHERY GROUNDS.

Maze (the only one in the Southern Hemisphere).

Quoit Grounds.

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ON SATURDAY AFTERNOONS,

GRAND FASHIONABLE PROMENADE CONCERTS,

By a splendid Brass Band, assisted by the Brothers Kohler.

Public Balls and Private Parties attended by Mr. Kohler's unrivalled Quadrille Band.

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CASHEL STREET, CHRISTCHURCH.

ESTABLISHED 1854.

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Draperies, Silks, Hosiery, Gloves,

HABERDASHERY, MILLINERY,

And every description of

GENTLEMEN'S CLOTHING.

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 AUCTIONEERS,
 Land, Estate, and General Commission Agents,
SURVEYORS,
 Arbitrators, Accountants, and Valuers,

LUCK AND CLARK,

In addition to the general business of AUCTIONEERS AND COMMISSION AGENTS, pay particular attention to the SURVEYING AND MAPPING OF TOWN AND RURAL LANDS, and to the Laying Out of NEW TOWNSHIPS AND VILLAGES.

They have had considerable experience in PLANNING AND SUB-DIVIDING TOWN SECTIONS INTO BUILDING ALLOTMENTS, and they undertake the Management of Estates and the Collection of Rents for Absentees and Others.

FIRST-CLASS FURNITURE,

Warranted of Superior Make and Finish, always on view at the
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Carte de Visite Views of all parts of the Province for the Home Mail.

Messrs. Mundy & La'Mért beg to call the attention of Station Holders, &c., that having a large Travelling Conveyance they are prepared to enter into arrangements for taking Views or Portraits in any part of the Province.

Every description of out-door subjects taken by an

INSTANTANEOUS PROCESS.

HORSES, CATTLE, LARGE AND SMALL VIEWS, &c.

CARTE DE VISITES, GROUPS, &c.,

Taken in any Weather.

PICTURES COPIED AND REPRODUCED.

MINIATURES, LOCKETS, &c.

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MARKET PLACE,

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ESTABLISHED 1859.

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 COLOMBO ST., CHRISTCHURCH.

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THE MISSES HICKS'
BOARDING AND DAY SCHOOL,
ON THE CLASS SYSTEM,
ARMAGH STREET, CHRISTCHURCH.

TERMS:—

BOARDERS, £40 PER ANNUM,
(No Extras.)
DAY SCHOLARS, ONE GUINEA PER QUARTER.

JOSEPH ROSEWARNE,
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(Opposite Government Buildings),
FORCE PUMPS AND WATER CLOSETS,
FITTED AND REPAIRED.

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AND
REAL HAVANNAH CIGARS,
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HAS A LIBRARY OF
UPWARDS OF 1500 VOLUMES,

For circulation and reference. Is supplied with New Zealand and other Colonial and English Newspapers, Magazines, Reviews, &c., &c.

Reading Room open daily from 8 a.m. till 10 p.m.

Library open daily from 10 a.m. till 5 p.m., and from 6 till 9 in the evening.

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TREASURER—MR. GROSVENOR MILES.

LIBRARIAN—MR. E. B. BISHOP.

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GENERAL COMMISSION

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PLASTERERS & SLATERS,
HEREFORD ST., LATIMER SQUARE.**

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Plain and Ornamental Plastering of any kind and quality
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Work contracted for in Port Lyttelton, Christchurch, Timaru, or any part of
the Province.

FOLEY, BROTHERS, prepare Estimates of Plastering, from Plans and Drawings,
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*Plasterers' Materials, comprising Laths, Nails, Hair, Lime, Whiting, Glue, Plaster of
Paris, Cement (Roman, Portland, and Keene's), kept in stock.*

Lime Putty for Pointing, and Lime and Hair, ready mixed, always on hand.

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BUILDERS AND CONTRACTORS,
LATIMER SQUARE,
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**Building Materials of every descrip-
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Country Orders punctually attended to.

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CASHEL STREET,

AND

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ON COMMISSION.**

**HORSES BROKEN TO SADDLE
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SADDLE HORSES, TWO AND FOUR-WHEEL
CARRIAGES, TO LET.

W. EDDS & Co., Proprietors.

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**DURHAM AND SALISBURY STREETS,
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GREEN-HOUSE BUILDER.

**CUCUMBER FRAMES, MELON PITS,
GARDEN LIGHTS OF ALL KINDS.**

**WINDOW SASHES, DOORS, ETC.
BUILDING MATERIALS ON SALE.**

Joiners' Work of every description prepared to order.

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UNDERTAKER.

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ENGLISH MADE FURNITURE

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 AGRICULTURAL MACHINE MAKER.

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 Apparatus made to
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SOLE MAKER OF THE CELEBRATED
 O R A M R A N G E .

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ESTABLISHED 1850.

JOHN ANDERSON,
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 ENGINEER,

Mill and Wheelwright, Boiler Maker,

AND
 GENERAL SMITH.

ALL DESCRIPTIONS OF
 AGRICULTURAL MACHINERY,
 Plain and Ornamental Grates,
 RAILINGS, &c.,

MANUFACTURED OR REPAIRED WITH EXPEDITION.

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FERRY ROAD, CHRISTCHURCH.

GEORGE JACKSON,
PROPRIETOR.

MANUFACTURER OF PRESSED BRICKS,
Various Shapes.

COMMON BRICKS, FLOORING TILES,
Red, White, and Black.

VITRIFIED ROOFING TILES, VARIOUS PATTERNS,
AND RIDGE CAPS.

DRAINING PIPES OF VARIOUS SIZES, JUNCTION, &c.

FLOWER POTS, VARIOUS SIZES.

FIRE BRICKS, FIRE LAMPS, AND FIRE TILES,
For Bakers' Ovens and Backs of Grates.

FIRE CLAY GROUND FOR USE, &c.

BEST AMURI ROCK LIME, SLACKED AND
UNSLACKED.

R. AND D. SUTHERLAND,

(Late James Kerr,)

Wholesale and Family Grocers,

PROVISION DEALERS, &c.

A CHOICE STOCK OF VERY SUPERIOR

BLACK AND GREEN TEAS,

GROCERY, PROVISIONS, &c.,

All first-class brands and at the lowest current rates.

N.B.—ORDERS FROM TOWN OR COUNTRY WILL
RECEIVE OUR BEST ATTENTION.

CASHEL STREET,

CHRISTCHURCH.

WHOLESALE AND RETAIL
ZINC & 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,

Importing direct from the Home Market, begs to inform the Inhabitants of Christchurch and its Vicinity that any articles in the above line can be had at his Establishment of First-rate Quality and at Moderate Prices.

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ARMAGH STREET,

NEAR MR. ALPORT'S STORE, CHRISTCHURCH.

N.B.—EVERY DESCRIPTION OF TIN WORK

Done on the Premises.

Estimates prepared on the shortest notice.

W. S. BAKER,
PLUMBER, PAINTER, GLAZIER,
AND
PAPERHANGER,
COLOMBO STREET SOUTH,

NEXT DOOR TO REECE & HISLOP'S.

SIGN PAINTER,
WRITER, GRAINER, MARBLER, &c.

ENAMELLED GOLD WRITER ON GLASS.

DEALER IN OILS, COLORS, AND GLASS.

A large assortment of Paperhangings always on hand.

FREDERICK JENKINS,

CITY STEAM SAW MILLS,

PLANING, MOULDING, AND JOINERY WORKS,

BALTIC TIMBER YARDS

AND

CEMENT STORES,

SUMNER ROAD AND ST. ASAPH STREET,

CHRISTCHURCH.

STATIONERY WAREHOUSE,

(Exactly Opposite the A 1 Hotel, CASHEL STREET, Christchurch, three doors from Colombo Street.)

J. HUGHES,

In returning thanks for the very liberal support he has received from his friends and the public, takes this opportunity of announcing that it is his intention to pay particular attention to the Stationery portion of his business, his present large stock will be augmented fortnightly by fresh shipments, and the Goods will be sold at the Lowest Remunerative Prices. The following now in stock:—

Account Books, Ledgers, Double and Single Ruling fcap. 8vo. to Super Royal, Scotch Ledgers, Journals, Cash Books, Invoice, Day, and Waste Books, all sizes	Cardboard, thin, middle and thick Custom House Forms	Leads for Pencils—Mordan's, Perry's, Lund's, &c.
Albums, ditto for photographs	Clips—hand, letter, and invoice	Leather Writing Cases and Desks
Almanacks and Diaries	Ciphering Books	Log Slates, Letter Balances
Artists' Materials	Drawing Paper—imperial, double elephant, antiquarian, smooth, rough, plain and mounted	Luggage Labels (parliament)
Acceptance Forms	Drawing Pins, Pens, Instruments, Pencils, &c.	Letter Books—demy, fcap., & post Letts' Diaries
Account Sales and Account Current Paper	Dictionaries—various languages	Music and Music Paper
Bill Books—receivable and payable	Desks—leather, rosewood & walnut	MS Music Books
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Bills of Exchange (Foreign)	Drawing Slates	Metallic ditto
Bills of Lading (ship and steam)	Drapers' Wrapping Paper	Manifold Writers, Minute Books
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Black Lead Pencils (all kinds, common to best)	Exercise Books	Mounting Boards, Newspaper Files
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Ladies' and gentlemen's gold and silver hunting and open-faced English and Geneva watches, from the most famous manufacturers.

Albert and long guard chains, plain and fancy patterns, in coloured, bright gold, and silver.

Steel and leather Albert chains.

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Splendid brooches, in coloured and bright gold

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Magnificent diamond, gem, and signet rings.

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Brooches, earrings, signets, wedding rings, and keepers.

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The yards consist of a good drafting yard, with pens for about

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And the Sheep Yards are adapted for drafting and assorting about

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There are also

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Made and Fitted up with despatch, and delivered perfect in
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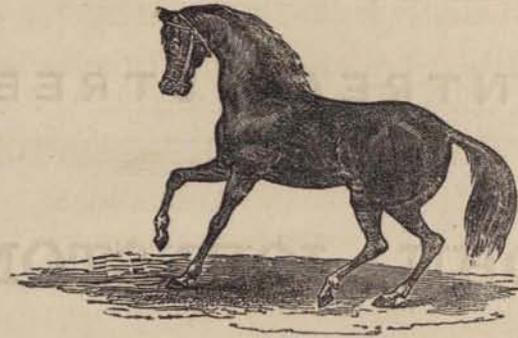
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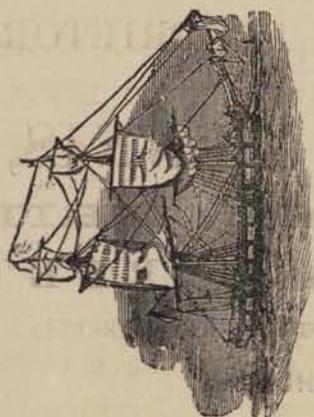
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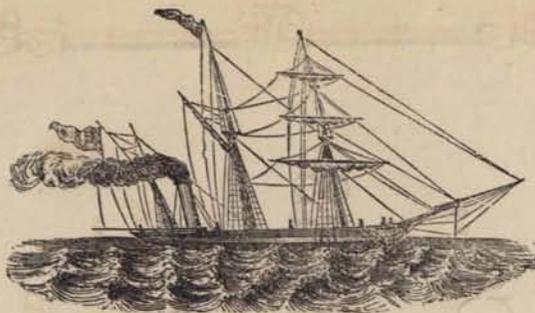
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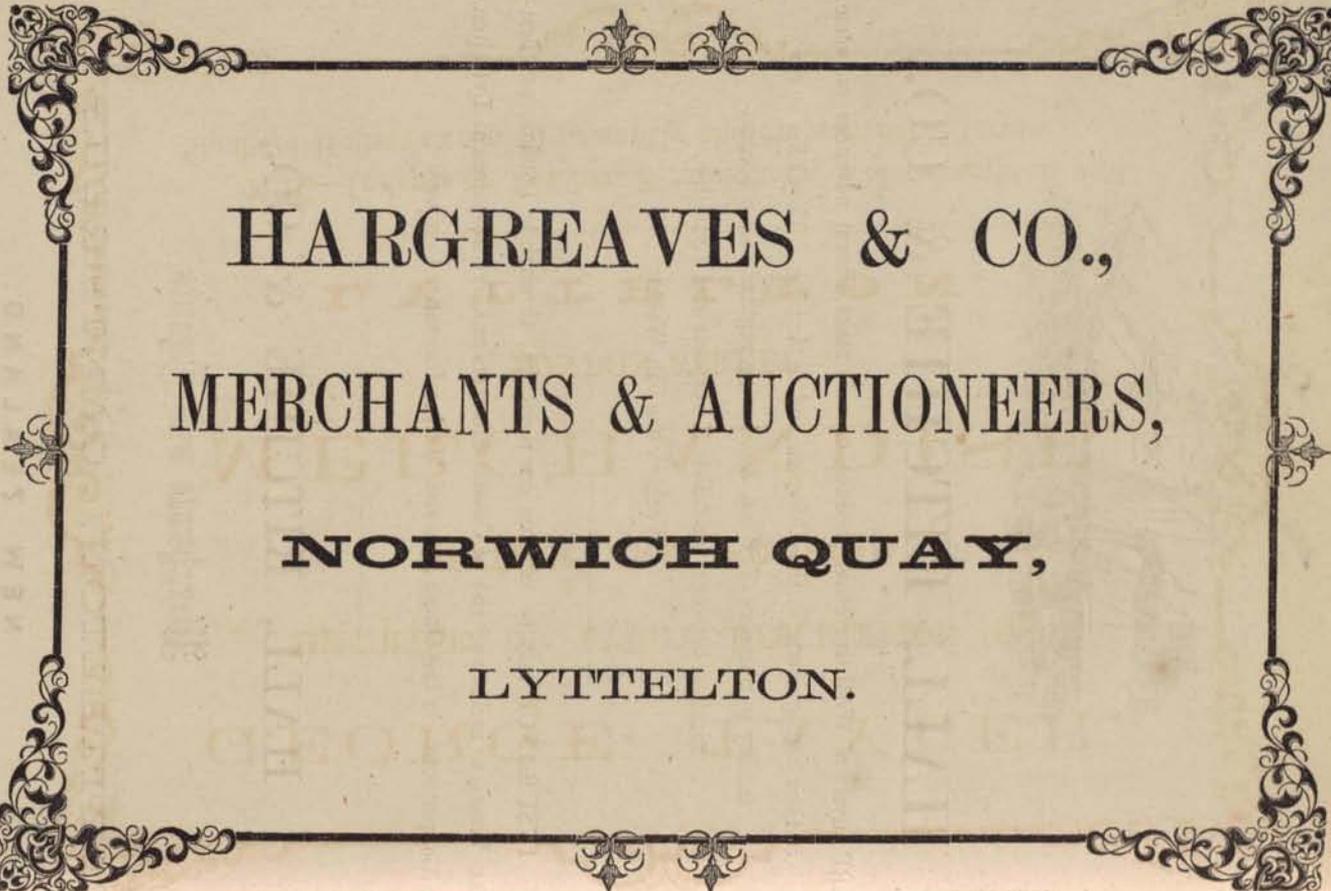
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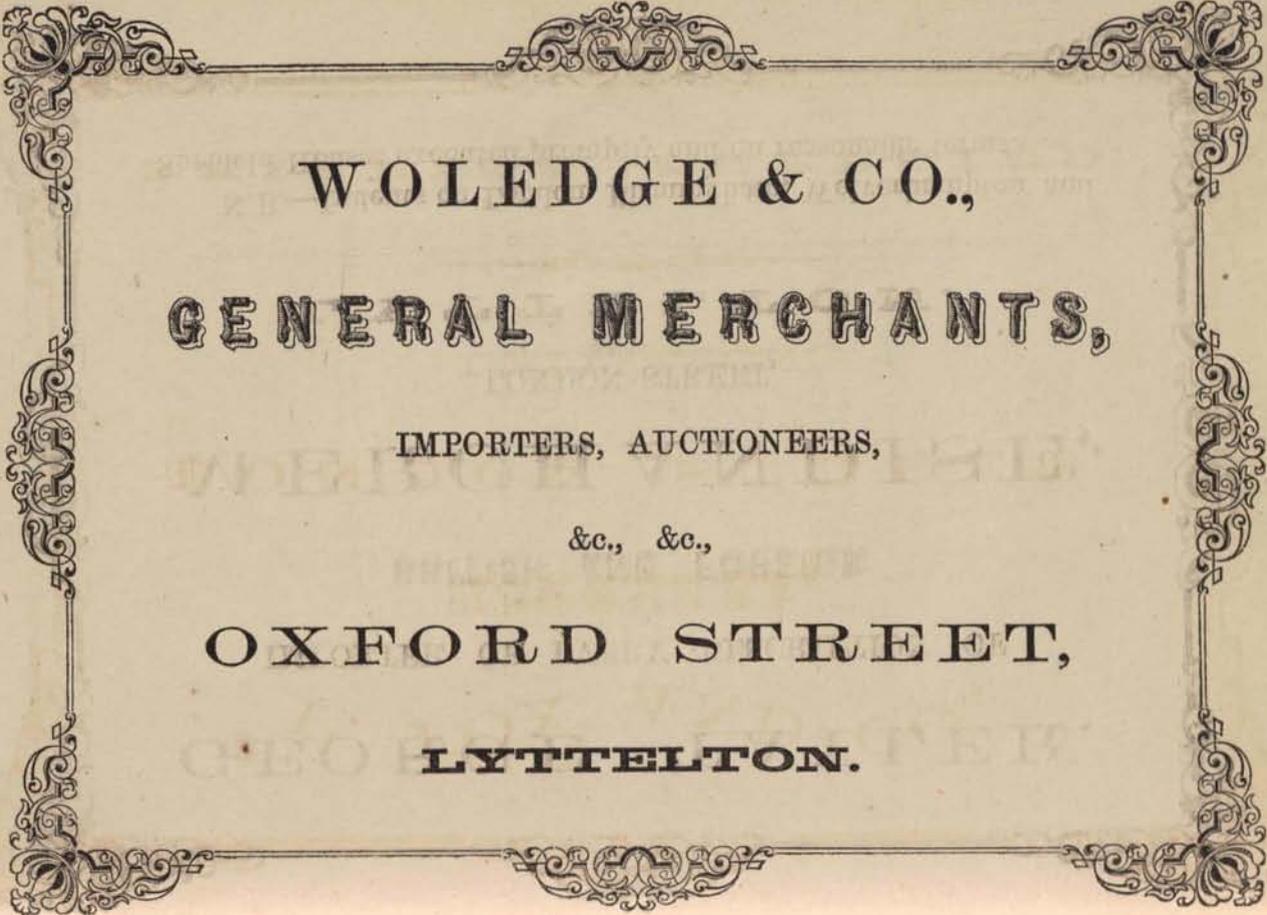


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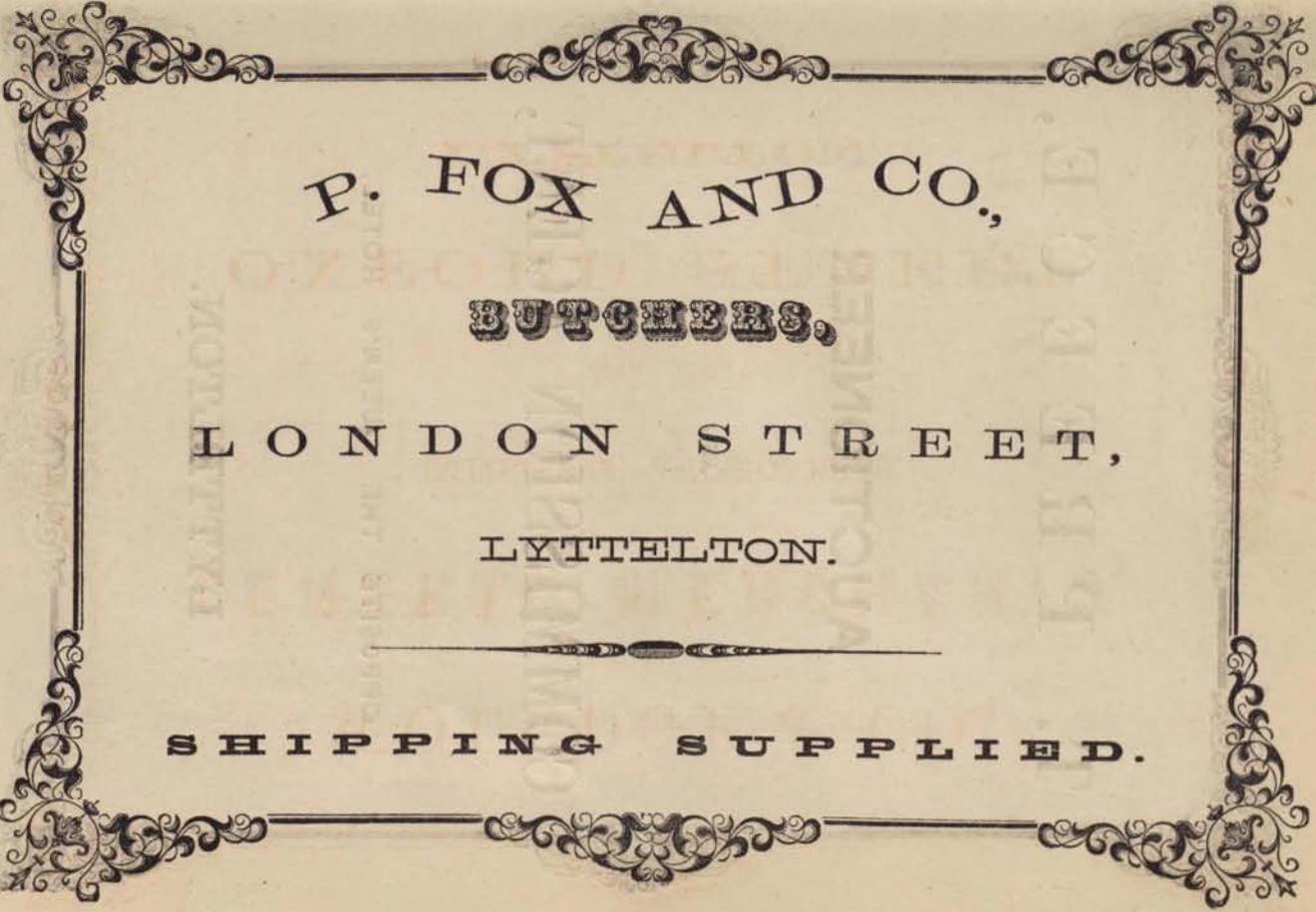
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LYTTELTON.

cvii.



P. FOX AND CO.,
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SHIPPING SUPPLIED.

cviii.

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 Ginger Beer and Lemonade, will always be on hand.

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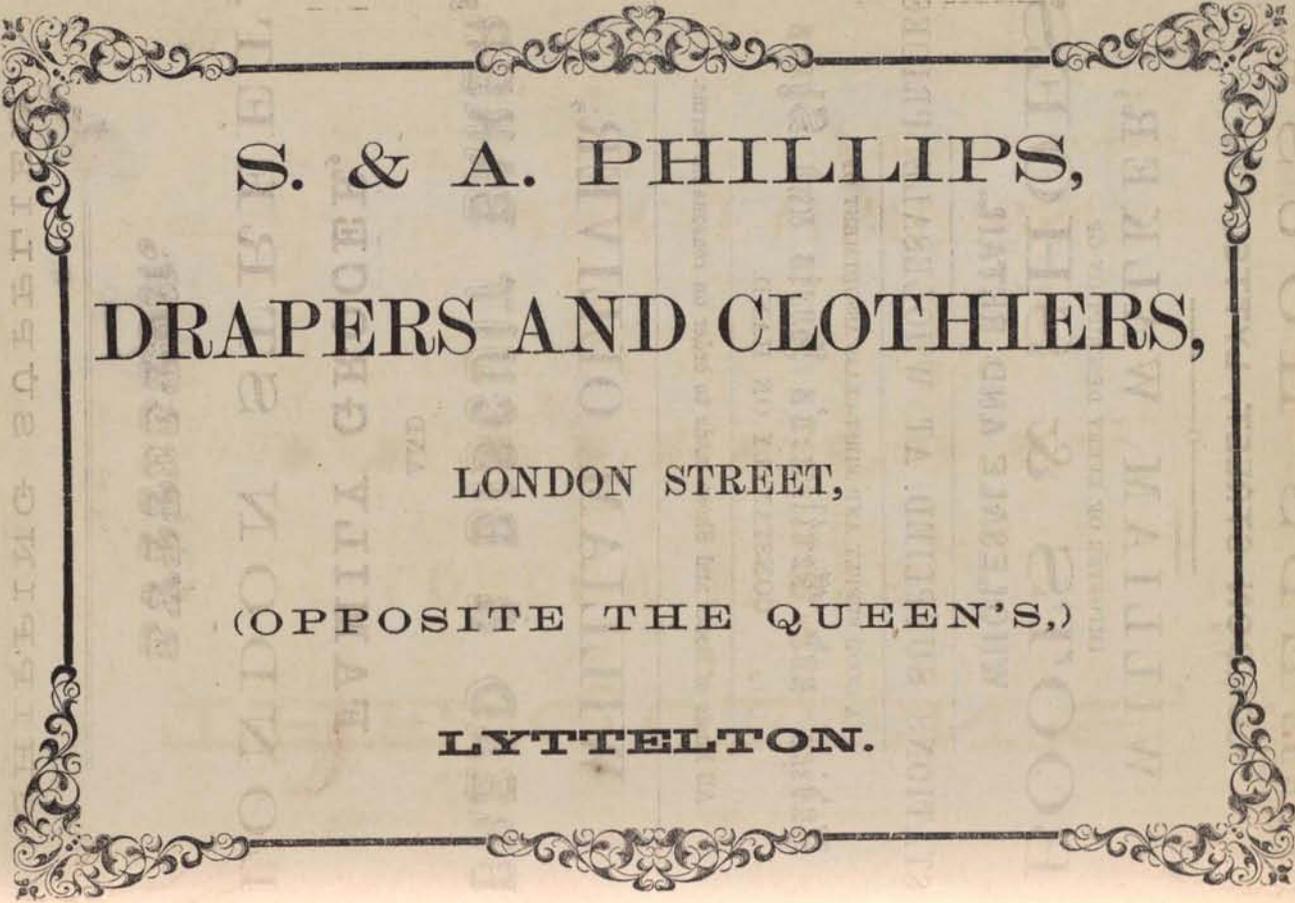
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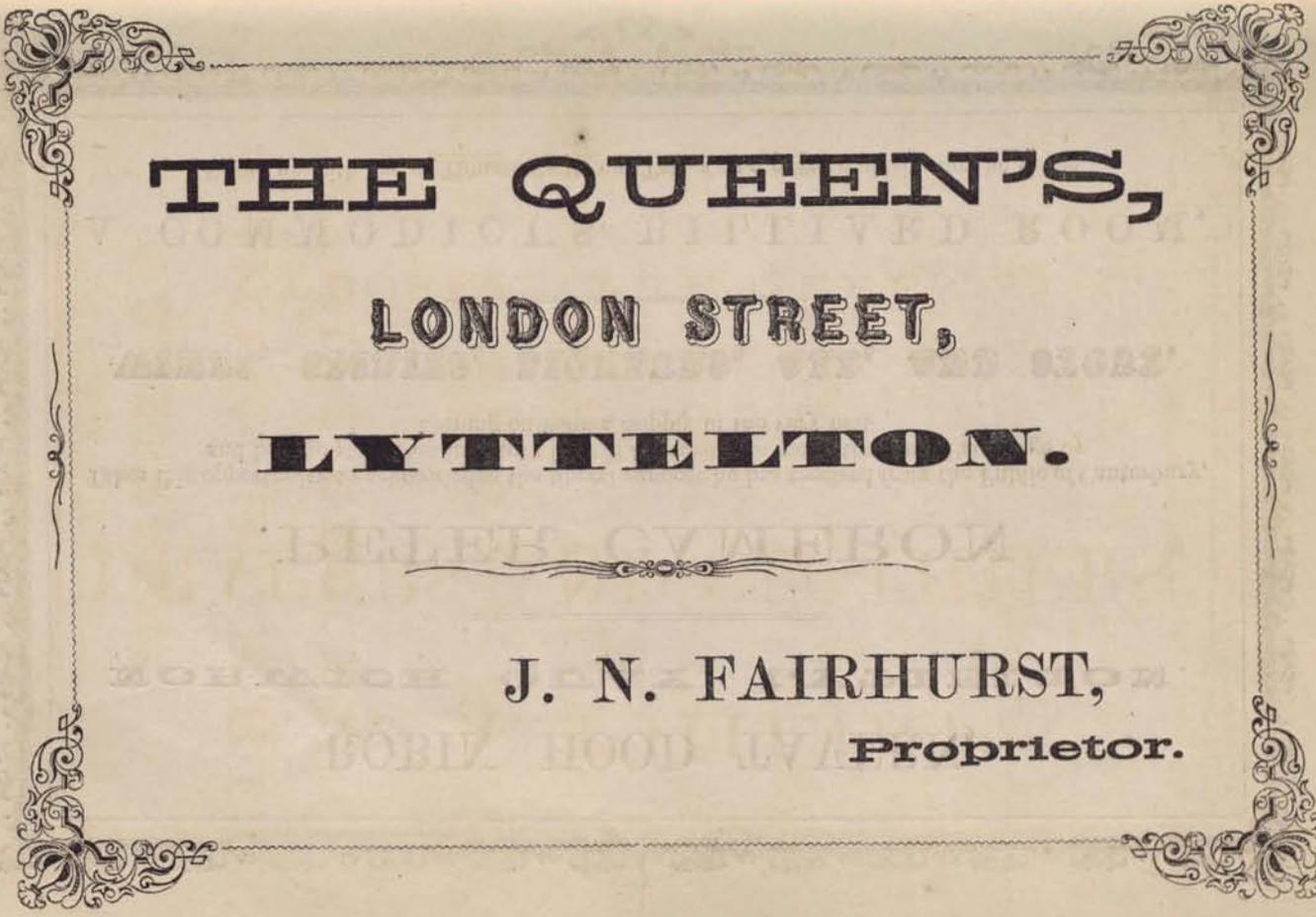
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OXVI



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A COMMODIOUS BILLIARD ROOM,

Fitted up with one of Thurston's Patent Tables, and every requisite for the Game.

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FOR FOURPENCE.

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OPEN EVERY EVENING.

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A COMFORTABLE AND CHEERFUL HOME
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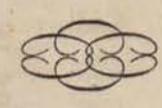
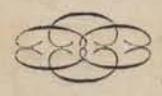
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AGRICULTURAL IMPLEMENT



MAKER, KAIAPOI.

PRIZE PLOUGH, MANUFACTURED BY J. KEETLEY.

The First Prize at three successive Shows of the Canterbury Agricultural Association has been awarded to J. K. for his Ploughs in competition against English and Colonial make.

HAINÉ & SHAW,
 FELLMONGERS,
 AND DEALERS IN
 SKINS AND HIDES,
 CHARLES STREET,
 KAIAPOI.

R. WILSON,
 Bread & Fancy Biscuit Maker,
 CHARLES STREET,
 KAIAPOI.

WEDDING AND CHRISTENING CAKES
 Made to Order.

PIER HOTEL,
 CHARLES STREET, KAIAPOI,

OPPOSITE THE NEW BRIDGE.

This Hotel is newly built, and replete with every
 Accommodation.

M. H. & C. ORAM

Will spare no pains to meet the requirements and
 comfort of their Customers.

PRIVATE APARTMENTS FOR FAMILIES.

Arrangements made for Weekly Boarders.

**CHEL TENHAM BOARDING HOUSE,
NORTH ROAD, KAIAPOI.**

C. FAIRWEATHER, PROPRIETOR,

Begs to return thanks to the public generally for the past support that he has received, and desires to inform them that the above house has lately undergone very considerable alterations and improvements, and is now replete with every comfort and accommodation for travellers, &c.

Private Rooms for single Ladies, Gentlemen, or Families.

Livery and Bait Stables. with Paddock Accommodation and Stockyards for Cattle travelling.

TRAPS AND HORSES ALWAYS ON HIRE.

**ALFRED WESTON,
GENERAL STOREKEEPER,
BAKER, &c.,**

CORNER OF

**BLACK AND HILTON STREETS,
ISLAND, KAIAPOI.**

FANCY BISCUITS,

WEDDING AND CHRISTENING CAKES,

&c., &c., &c.,

MADE TO ORDER.

WILLIAM HALL,

MILLWRIGHT, WHEELWRIGHT,

UNDERTAKER,

GENERAL JOBBER,

PERAKI STREET,

ISLAND, KAIAPOI.

N.B. — Country orders promptly attended to on the most reasonable charges.

KAIAPOI BRICK WORKS.

MESSRS. BELCHER & FAIRWEATHER,
PROPRIETORS.

GOOD BRICKS

ALWAYS ON HAND,

And can be delivered on advantageous terms in any part of the neighbourhood of Kaiapoi and Christchurch.

CARTERS AND CARRIERS

BETWEEN

KAIAPOI

AND

CHRISTCHURCH,

OR TO ANY PART OF THE

NEIGHBOURING DISTRICTS.

HORSES AND DRAYS FOR HIRE.

**HENRY KITTE,
COACH BUILDER & WHEELWRIGHT,**

BLACK STREET, KAIAPOI.

Carriages of all descriptions Made & Repaired or taken in exchange.

Smithing, Painting, and Repairs of all descriptions
executed with despatch.

HUBERT ORAM,
Painter, Glazier, Paper-Hanger,
AND
HOUSE DECORATOR,
CHARLES STREET,
KAIAPOI.

PAINTS, OILS, AND COLORS,
PAPER-HANGINGS, &c.,
IN GREAT VARIETY, AND AT MODERATE
PRICES, ALWAYS ON HAND.

ORDERS LEFT AT ORAM'S,
The Pier Hotel,
PROMPTLY ATTENDED TO.

BESWICK AND BIRCH,
 IMPORT & EXPORT MERCHANTS,
WOOD BROKERS,
 AND
 COMMISSION AGENTS

INDENTS EXECUTED IN ^{THE} HOME MARKETS,

AND
ADVANCES MADE ON WOOL

CONSIGNED TO THEIR CORRESPONDENTS IN LONDON.

G. HANCOCK,
 CARPENTER, BUILDER,
 AND
 UNDERTAKER,
 CHARLES STREET,
BAIAPOI.

JAMES D. GARWOOD,
 GENERAL STOREKEEPER,
 AKAROA.

AND CAREFULLY REPAIRED.
 LOCAL AGENT

FOR

London and Lancashire Insurance Company, Trent and Co.'s
 Canterbury Ground Coffee and Spices, Cookham Boots and
 Shoes, "Lyttelton Times," "Canterbury Standard," "Timaru
 Herald," and "Evening Mail."

JOHN JOHNSTON,
 SHOERING
 AND
 GENERAL SMITH,
 RANGIORA

(Opposite the Junction of the Drain and Oxford Roads).

AGRICULTURAL IMPLEMENTS

M A D E

AND CAREFULLY REPAIRED.

SHEEP & CATTLE BRANDS,

&c., &c., &c.

MESSRS. BUSS & HEPWORTH,

AUCTIONEERS,

AND

COMMISSION AGENTS,

STOCK AND STATION

SALESMEN, &c.,

RANGIORA.

THOMAS THOMPSON & CO.,
STOREKEEPERS.

IMPORTERS

OF

Drapery and General Merchandise, &c.,

RANGIORA.

JOHN KEAST,

SADDLE & HARNESS MAKER

RANGIORA.

RANGIORA HOTEL,
RANGIORA.

W. T. BAUGH, PROPRIETOR.

FIRST CLASS

ACCOMMODATION FOR TRAVELLERS.

WINES, BEER, SPIRITS, ETC.,

OF THE BEST BRANDS.

EXCELLENT STABLING

AND

Paddock Accommodation.

A Good Bagatelle Table, Quoits and other
Amusements.

GOOD BEDS.

JOHN JOHNSTON,

BLACKSMITH,

RANGIORA.

F. LILLY,

PLUMBER, GLAZIER, PAINTER,

AND

PAPER-HANGER,

North Road, Rangiora.

Pumps, Baths, & Water-Closets made & fixed to order.

Paper-Hangings of the Newest Patterns always on hand.

PAINTS OF ALL COLORS MIXED TO ORDER.

Country Orders promptly attended to on moderate terms in any part of the Province.

MARK MELBOURNE,
SHOEING AND GENERAL SMITH,

RANGIORA,

AND THE HALF-WAY HOUSE,

OXFORD ROAD.

STORE ON THE KOWAI.

The undersigned, for the purpose of more conveniently supplying
Stores to the Settlers of the North, have

OPENED A BRANCH AT LEITHFIELD, KOWAI,

Where may be obtained

STATION AND GENERAL STORES

Of every description, at Low Current Rates.

*Indents upon English Houses, for any class of Goods, undertaken
on favourable terms.*

AGENTS FOR THE HYDROPULT COMPANY
(LIMITED.)

J. WHITE & CO.,

KAIAPOI, SALTWATER CREEK, AND LEITHFIELD.

LEITH'S HOTEL,

(On the South Bank of the Kowai,) at

LEITHFIELD,

THE

SANITARIUM OF CANTERBURY.

VISITORS will find the Accommodation equal to any in the Province, and the air and scenery all that can be reasonably wished by Ladies and Gentlemen desirous of a change for the benefit of their health—being close to the sea, and Cobb and Co.'s Coaches running daily to the house from and to Christchurch.

The NORTH CANTERBURY MARKET is held at Leithfield on the first Thursday in every month; the Market opens at 11 a.m. and closes at 3 p.m., at which hour the Market Dinner will be on the table.

Dinner will be provided at the usual time, to meet the requirements of the Line of Coaches.

EXCELLENT STABLING.

SPIRITS, WINES, & C.,

The Best in the Market.

JOHN LEITH.

F. BEAN,

Draper & General Storekeeper,

RANGIORA.

GEESON & BALL'S
SHOEING FORGE,
MARKET PLACE,

(NEAR MONEY'S STABLES,)

CHRISTCHURCH.

J. H. NIEMANN,

Tin-Plate, Zinc & Iron Worker

MARKET PLACE, CHRISTCHURCH.

Street and Hotel Lamps made to any size and design.

Rainwater Pipes, Cowls, &c., made to order.

J. WOODFORD,

PRACTICAL

WATCH AND CLOCK MAKER,
GLOUCESTER STREET,
CHRISTCHURCH.

Superintendent of the Horological Department of the Great
International Exhibition of 1851.

(Formerly with Dent, and recently Manager at French's, London.)

Electrical Instruments made to Order.

AGENT FOR—

PROFESSOR WHEATSTONE'S UNIVERSAL TELEGRAPH
INSTRUMENTS.

MESSRS. SILVER & CO.'S
ELECTRICAL INSTRUMENTS, BATTERIES,
INSULATORS, CABLES, WIRE, &c.

MOORE'S
PATENT LEVER GLASS VENTILATORS
AND
ORNAMENTAL GLASS LETTERS.

STEVENS'

Bread-making Machines and Ovens.

R. BRUNSDEN,
 CORN FACTOR,
 SEEDSMAN,
 GENERAL COMMISSION AGENT,
 AND VALUER.

WEIGHBRIDGE OFFICE,
 MARKET PLACE,
 CHRISTCHURCH.

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.

WILSON & M'HARG,
 Proprietors.

J. BALDWIN,
 CABINET-MAKER,
 UPHOLSTERER,
 AND UNDERTAKER,
 COLOMBO STREET,
 CHRISTCHURCH.

Public and other House Furniture Valued.

VENETIAN AND OTHER BLINDS
 MADE TO ORDER.

MANUFACTORY: GLOUCESTER STREET.

WM. HOBBS & SONS,
 Tailors and Woollen Drapers,
 COLOMBO STREET
 AND
 CORNER OF CATHEDRAL SQUARE,
 CHRISTCHURCH.

ESTABLISHED 1856.

Importers of every description of
 CLOTHS, DOESKINS, TWEEDS,
 AND
 TAILORS' TRIMMINGS.

WM. HOBBS & SONS,
 HATTERS, HOSIERS, GLOVERS,
 AND
 Gentlemen's General Outfitters,
 COLOMBO STREET & CORNER OF CATHEDRAL SQUARE,
 CHRISTCHURCH.

ALBION HOTEL,

COLOMBO STREET NORTH,
CHRISTCHURCH.

Wines, Spirits, Ales, and Beers of the best brands.

Every Accommodation for Families and Visitors.

EVERY CONVENIENCE FOR

WEEKLY BOARDERS.

THE HOTEL HAS BEEN CONSIDERABLY ENLARGED,

AND NO EXPENSE HAS BEEN SPARED

TO MAKE IT

A COMFORTABLE HOME.

N.B.—GOOD STABLING.

TOMPKINS & SON,

Proprietors.

GARRICK HOTEL,

COLOMBO BRIDGE,

CHRISTCHURCH.

ALES, WINES, AND SPIRITS,

BEST QUALITIES.

GOOD ACCOMMODATION FOR BOARDERS.

G. DELL,

PROPRIETOR.

J. S. B U X T O N,

SADDLER,

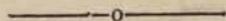
HARNES-MAKER,

AND

IMPORTER,

VICTORIA BRIDGE,

MARKET-PLACE, CHRISTCHURCH.



Neat's Foot Oil always on hand.

BRITANNIA HOTEL,

WHATELY ROAD,

CHRISTCHURCH.



WINES, SPIRITS, & ALES,

BEST BRANDS.



JAMES MUMMERY

Takes this opportunity of thanking the public for the support he has always received, and at the same time begs to inform them that he has

INCREASED HIS ACCOMMODATIONS

in every respect, and that nothing shall be wanting on his part to merit a continuance of the patronage so liberally bestowed on him heretofore.

DEVONSHIRE ARMS HOTEL,

CORNER OF

DURHAM AND PETERBOROUGH STREETS,

CHRISTCHURCH.

GOOD ACCOMMODATION FOR BOARDERS.

Stabling and Paddocks.

J. HART,

PROPRIETOR.

THOMAS HALL,

CARPENTER & BUILDER,

KILMORE STREET,

(NEAR COLOMBO BRIDGE)

CHRISTCHURCH.

JOSEPH MILSOM,

SODA WATER,

LEMONADE,

AND

CORDIAL MANUFACTURER,

ST. ASAPH STREET,

(NEAR FERRY ROAD),

CHRISTCHURCH.

COKER'S
CRITERION HOTEL,
GLOUCESTER STREET,
CHRISTCHURCH.

Coker's Canterbury Exchange,
CATHEDRAL SQUARE, CHRISTCHURCH,
Open as an Exchange from 10 a.m. to 4 p.m.

Colonial and English Papers Filed.

Colonial and English Prices Current.

A Special Messenger always in Attendance.

An Office specially for the use of Commercial Travellers.

Déjeuners et Dinettes ready at all hours.

COKER'S
CANTERBURY HALL,
CATHEDRAL SQUARE,
Open Every Evening at 7 p.m.

SHAKESPEARE HOTEL,
GLOUCESTER STREET,

(ADJOINING THE THEATRE,)

CHRISTCHURCH.

H. C. WEST,

In thanking the Public for past favours, begs to inform them that he has made extensive alterations to improve his bar accommodation, and visitors to the Theatre will find

EVERY CONVENIENCE ON THE SPOT.

OPERA GLASSES ON HIRE.

Refreshments on the Shortest Notice.

H. C. WEST,
Proprietor.

ROYAL OAK HOTEL,
MARKET PLACE, CHRISTCHURCH.

SWINBOURNE & MAHNKE

Erlauben sich gefällig die Einwohner von Christchurch und der Umgegend anzuzeigen dasz sie dieses Hotel übernommen haben, und hoffen durch gute Bedienung deren Kundschaft zu erhalten.

Die Weine, Biere, Spirituöse Getränke, u. s. w., sind von der besten Qualität.

Gäste vom Lande, die Provinzen, oder andere Colonien werden hier gute Logie finden.

Speise zu jeder beliebige Zeit.

ROYAL OAK HOTEL,
MARKET PLACE, CHRISTCHURCH.

SWINBOURNE & MAHNKE

Beg respectfully to announce to the inhabitants of Christchurch and the surrounding district that they have taken the above Hotel, and trust by civility and attention to merit their support.

Their stock of Spirits, Wines, Beers, &c., is of the best quality.

Visitors from the country, the neighbouring provinces, and other colonies, as also Boarders, will receive every care and attention.

Meals at all hours on the shortest notice.

MECHANICS' HOTEL.

JOSEPH FUCHS,
COLOMBO STREET,
 CHRISTCHURCH.

Breakfast, from 7 to 9 o'clock.
 Dinner, from 12 to 2 „

CHOPS AND STEAKS.

Wines, Spirits, Ale, and Porter, best Qualities.

TEA AND COFFEE,
 At all Hours.

BOARD AND LODGING

On Reasonable Terms.

The Hotel has been enlarged and improved, and provides airy and comfortable Sleeping Accommodation, and every attention to secure the satisfaction of Visitors.

J. MORGON

(FROM LONDON)

TAILOR, DRAPER,

AND

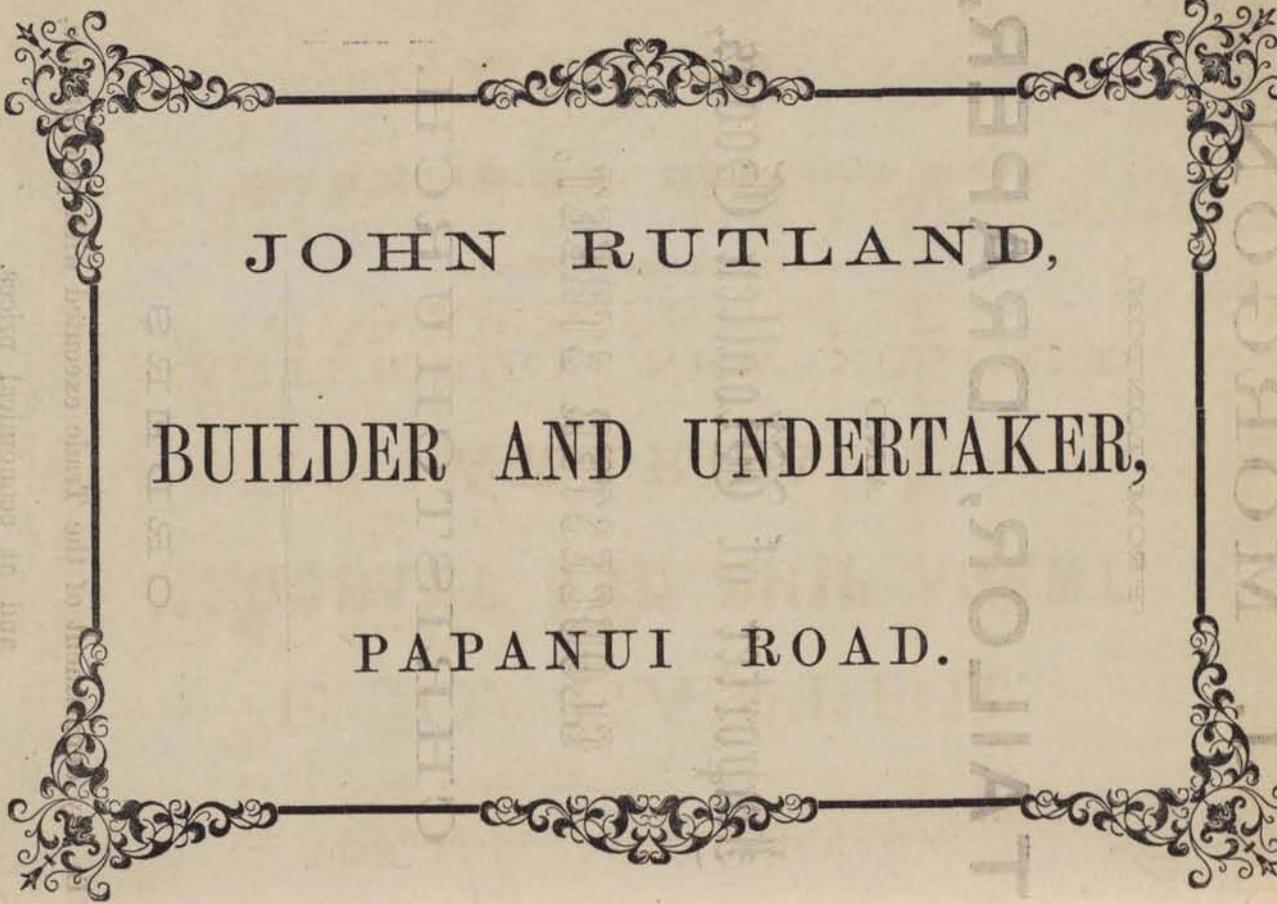
Importer of Woollen Goods,

GLOUCESTER STREET,

CHRISTCHURCH.

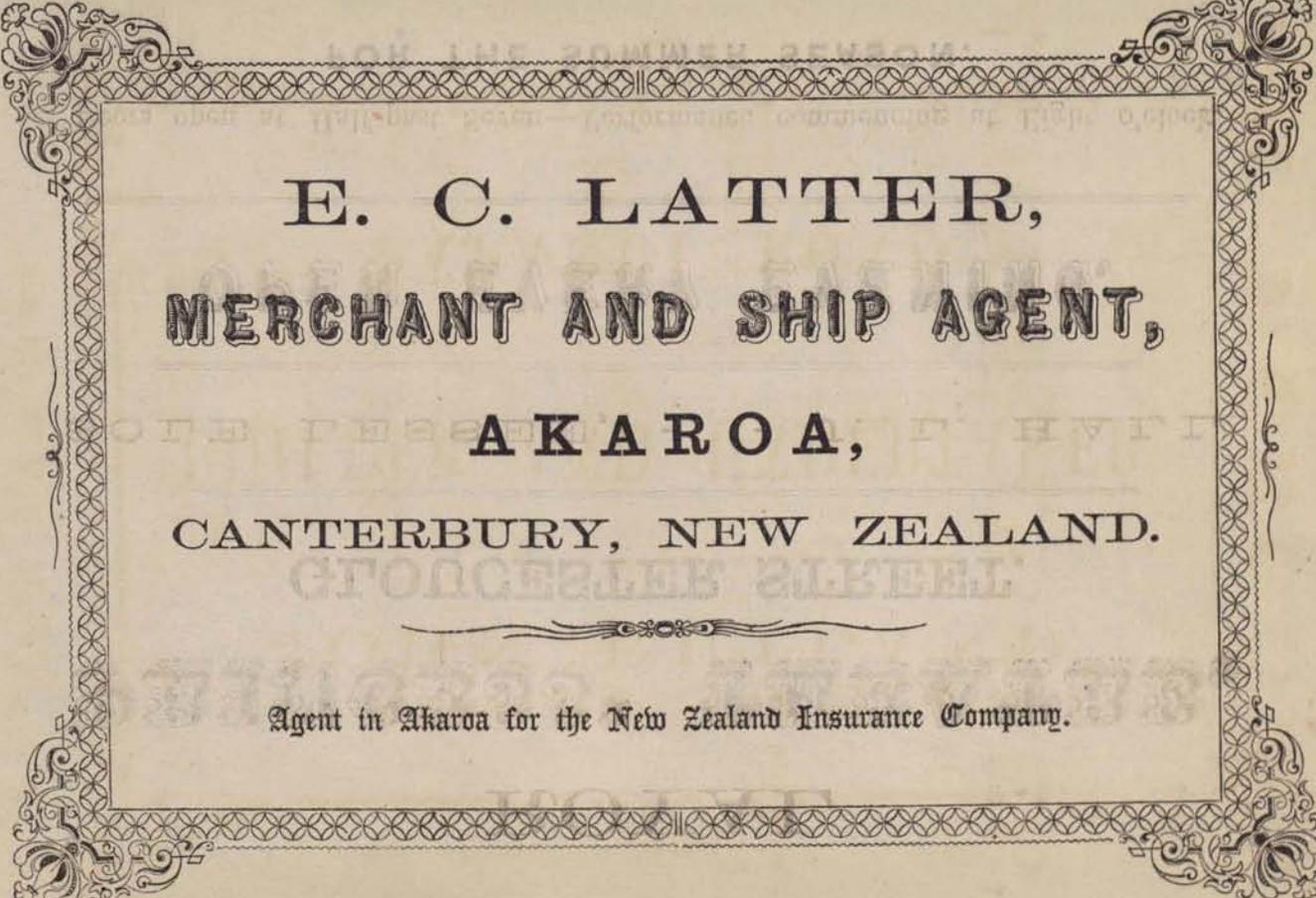
ORDERS

In any department of the Trade executed with promptitude,
 and at economical prices.



JOHN RUTLAND,
BUILDER AND UNDERTAKER,
PAPANUI ROAD.

clxvi.



E. C. LATTER,
MERCHANT AND SHIP AGENT,
AKAROA,
CANTERBURY, NEW ZEALAND.

clxvii.

Agent in Akaroa for the New Zealand Insurance Company.

ROYAL
PRINCESS' THEATRE,
GLOUCESTER STREET.

SOLE LESSEE, - J. L. HALL.

OPEN EVERY EVENING.

Doors open at Half-past Seven—Performance commencing at Eight o'clock,
FOR THE SUMMER SEASON.

clviii.

J. ASHWORTH,
GENERAL CARRIER
BETWEEN
CHRISTCHURCH, KAIAPOI,
SALTWATER CREEK, LEITHFIELD,
AND THE
HURUNUI,
AND FURTHER IF REQUIRED.

clxix.

W. HOWELL,

PIANOFORTE

AND

FANCY CABINET MAKER,

(NEAR THE UNION BANK.)

HEREFORD STREET,

CHRISTCHURCH.

Fancy Furniture made to order.

PIANOFORTES, HARMONIUMS, &c.,

TUNED AND REPAIRED.

DUNCAN & SON,
SEED MERCHANTS,

AND IMPORTERS OF

Agricultural and Horticultural Implements,

GLOUCESTER STREET,

CHRISTCHURCH,

HAVE ALWAYS ON HAND A CHOICE COLLECTION OF

FARM, GARDEN, & FLOWER SEEDS

Direct from the Growers, guaranteed true to name, and
of the best quality.

AGENT FOR BURROWMAN'S CELEBRATED

PLOUGHS, GRUBBERS, &c.

ALSO,

Cheese Presses, Vats, Tin and Wooden Tubs
for Dairies of 15 Cows and upwards,

Churd Mills and Breakers.

SCOTCH CORN AND SEED SIEVES, ABERDEEN SNAITHS, ETC.

English Newspaper Agency,

COLOMBO STREET,
CHRISTCHURCH.

ESTABLISHED 1857.

ALBERT T. BRADWELL

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,

FAMILY HERALD,
LONDON JOURNAL,

CORNHILL MAGAZINE,
COLONISTS' FAMILY HERALD,

AND ALL THE BRITISH AND COLONIAL

NEWSPAPERS AND MAGAZINES,

TO HALF-YEARLY SUBSCRIBERS.

TERMS CASH.

ENGRAVING, LITHOGRAPHY, AND COPPER-PLATE PRINTING.

The Proprietors of the "Lyttelton Times"

BEG to inform the public that every description of the above
is executed at their GENERAL PRINTING OFFICES,

GLoucester STREET & CATHEDRAL SQUARE,
CHRISTCHURCH.

CHALK DRAWINGS.

MAPS, PLANS, & WORKS OF PRECISION.

INVOICE HEADINGS, ACCEPTANCES, CIRCULARS.

Bankers' Notes and Cheques.

MARRIAGE, BUSINESS, AND VISITING CARDS.

LABELS, SHOW CARDS, &c.

ENGRAVING ON GOLD AND SILVER.

Brass and Zinc Door and Window Plates.

Testimonials, Presentation Addresses, Coats of
Arms, Crests, &c., Emblazoned.

J. YOUNGHUSBAND,
9, COLOMBO STREET, CHRISTCHURCH,
(NEW PREMISES)

PROPRIETOR OF THE LATE WELL-KNOWN LITTLE SHOP,

Returns his sincere thanks to his friends and the public of Canterbury, and begs to inform them that, having erected new and commodious premises on the site of the late fire, he has now one of the most

COMPLETE STOCKS

Ever offered for inspection in this Province.

The leading features in the new premises will be

COMMERCIAL AND GENERAL STATIONERY,

Of every style and quality.

Toys, all the new and improved Games, Desks and Work Boxes of elaborate workmanship (for which a SHOW ROOM has been specially constructed), Foot Balls, Cricketers' Materials of every make and quality, Writing Papers and Envelopes of most approved make and finish, Children's Books, Dolls, Guns, Balls and Barrows.

PAPERS—DRAWING, TRACING, CARTRIDGE, WRAPPING.

 The Largest Stock in Canterbury to select from. 

9, COLOMBO STREET,
THE LATE WELL-KNOWN LITTLE SHOP.

SAMUELS'
WHITE HORSE HOTEL,
MONTREAL AND TUAM STREETS,
CHRISTCHURCH.

GOOD STABLING.

ENGLISH BOWLING ALLEY,
(THE BEST IN THE PROVINCE.)

W. E. SAMUELS & CO.,
PAINTERS, GLAZIERS,
AND
DECORATIVE PAPERHANGERS,
GLOUCESTER-STREET,
CHRISTCHURCH.

The Largest and Best Selections of Paperhangings in the Province always on hand.

Experienced Workmen sent to all parts of the Province.

**MONEY'S
CANTERBURY**

Libery and Commission Stables,

MARKET PLACE,

CHRISTCHURCH.

HORSES ON SALE.

**HORSES BOUGHT AND SOLD
ON COMMISSION.**

**Saddle Horses and Conveyances
ON HIRE.**

**Good Coach Horses, Loose Boxes, Yards
and Open Stalls for Bush Horses.**

Parties visiting Christchurch will find every
accommodation at the above Stables.

**THE CARLTON HOTEL,
PAPANUI ROAD.**

The above Hotel has every convenience for Families and
Gentlemen, the situation being the most healthy of any Hotel
in Christchurch. Boarders or parties visiting Christchurch
will find at

THE "CARLTON"

ALL THE COMFORTS OF A HOME.

WINES AND SPIRITS

Of the best quality.

BEER AND ALE

Of the best brands.

ALSO,

GOOD STABLING AND PADDOCK ACCOMMODATION.

Quoits and other Amusements.

G. ORAM,

Proprietor.

ANGUS SUTHERLAND,
PAINTER, GLAZIER, CRAINER,

PAPERHANGER, &c.,

COLOMBO STREET SOUTH,

CHRISTCHURCH.

BRUCE'S HOTEL,
AKAROA.

G. SCARBROUGH, Proprietor.

Visitors to Akaroa will find at this Hotel First-class Accommodation and Unexceptionable Fare.

N.B.-Paddock and Stabling for Horses.

O'NEILL'S RAILWAY HOTEL,
MANCHESTER STREET SOUTH.

GOOD STABLING & PADDOCKS.

WIGGINS AND WARD,
GENERAL STOREKEEPERS,

AKAROA.

Wholesale and Retail Dealers in Fruit, Cheese,
and all kinds of Dairy Produce.

T. ABBOTT,
GARDENER,
ST. ALBANS.

Gardens and Pleasure Grounds Laid Out
and Stocked, by Contract or otherwise.

Fruit Trees, Flowering and other Shrubs, upwards of
Fifty Varieties of very choice Roses, Greenhouse
Plants, &c., ON SALE.

**HENRY VALE,
WHEELWRIGHT,
PAPANUI.**

DRAYS, TIP, AND SPRING CARTS, &c.,
Made to Order on the Shortest Notice.

ALL REPAIRS EXECUTED WITH DISPATCH.

TWO-AND-A-HALF MILES FROM CHRISTCHURCH.

**L. MONK,
Shoeing and General Smith.**

ALL KINDS OF PALISADING & IRON GATES
Made to any Design.

Reaping and Threshing Machines
MADE AND REPAIRED.

AGRICULTURAL IMPLEMENTS
MANUFACTURED ON THE SPOT.

**THOMAS MACHIN,
BUILDER AND BRICKLAYER.**

ALL KINDS OF

BRICKWORK DONE BY THE DAY, HOUR
OR CONTRACT.

Stoves, Coppers, Ranges, Conical, Cylindrical,

OR ANY KIND OF STEAM BOILERS

SET ON THE MOST APPROVED PRINCIPLE.

TOWN OR COUNTRY.

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,
CHRISTCHURCH.

clxxxiii.

CAVERSHAM HOTEL,
CORNER OF MADRAS STREET & FERRY ROAD,
CHRISTCHURCH.

First-class Accommodation for Families.

WINES, SPIRITS, AND BEERS,
First Quality.

GOOD STABLING AND PADDOCKS.

W. LIPPARD,
Proprietor.

clxxxiii.

RUMBLER & M'GILL,
CAB PROPRIETORS

AND

HORSE DEALERS,

BARNARD'S REPOSITORY & DEVONSHIRE ARMS.

—o—

Horses broken to Single, Double, or Dray Harness.

—o—

Carriages on Hire Day or Night.

—o—

PIC-NICS AND WEDDING PARTIES ATTENDED TO

On the Shortest Notice, and on the most Reasonable Terms.

E. WALKER & SON,
PHOTOGRAPHERS,

LICHFIELD STREET, CHRISTCHURCH,

NEXT MR. FARR'S OFFICE.

EVERY DESCRIPTION OF OUT-DOOR SUBJECTS TAKEN BY INSTANTANEOUS PROCESS.

Carte de Visite Groups taken in every weather.

E. WALKER AND SON,

AGENTS FOR

LOW, SON, AND HAYDON,

330, STRAND,

Wholesale and Retail Perfumers,

WHO WON THE PRIZE MEDAL IN 1862 FOR EXCELLENCE OF QUALITY.

A STOCK OF THE ABOVE ON HAND.

All Orders sent to the above Address carefully attended to.

W. HORNER,

WHEELWRIGHT & SHOENING & JOBBING SMITH,

PAPANUI.

Trays, Spring Carts and Waggon made to order.

REPAIRS NEATLY EXECUTED.

AGRICULTURAL IMPLEMENTS MADE AND REPAIRED.

CLAPHAM NURSERY,
TORY AND HARDY STREETS,
(LATE WAIMEA ROAD).

Established 13 Years.

WILLIAM HALE,
NURSERYMAN AND SEEDSMAN,
NELSON,
GROWER AND IMPORTER OF ALL SORTS OF
Garden Seeds, English and Colonial Grass and Clover
Seeds, direct from the Growers.

The Nursery contains by far the largest collection in New Zealand of Fruit and Forest Trees, Ornamental Shrub and Hedge Plants, consisting of many hundreds of thousands of Ash, Oak, Elm, Beech, Alder, Sycamore, Hornbeam, Horse Chestnut, Spanish Chestnut, Lime, Plane, Maple, Tulip Trees, Birch, &c.

Over 2,000,000 of strong Hawthorn Plants, fit for transplanting this next season, from 10s. to 15s. per 1,000.

50,000 Pine, including Stone Pine, Pineaster, Norway Spruce, Austrian Pine, Pinus Muricata, Pinus Lambertina, &c., &c.

1,000 Cupresses Macrocarpa Californian Cypress, perfectly hardy, specimen plants to be seen at the Nursery.

Many hundreds of Wellingtonia Gigantic Cupresses, Knightiana, Benthamii.

CEDRUS.—Deodara and Lebanon.

Many thousand Fruit Trees of the best sorts, true to name.

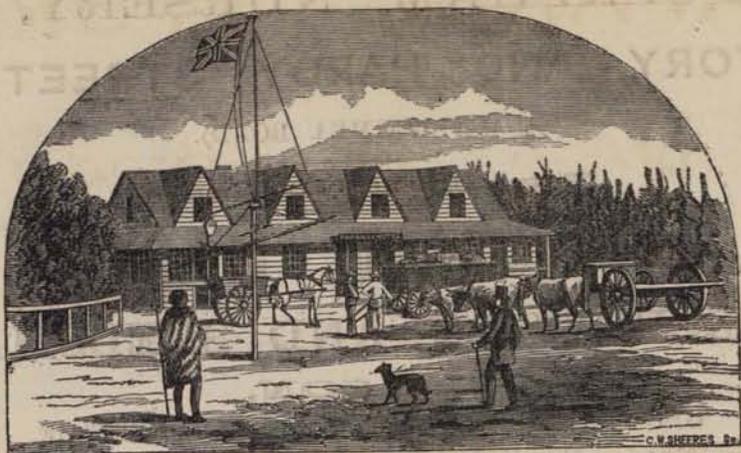
NEW FRUIT IMPORTED BY W. H. FROM THE RAISER:—

Apricot Royal, Plum, Autumn Compose, Cloth of Gold.

Roses—70 of the best named sorts; Fuschias, Geranium, Celceolaria, Tulip, Crocuses, Snowdrop, Lancefolium Lillies, Dahlias, Gladiolus, &c., &c.

Catalogues of Trees, Plants, Seeds, &c., &c., sent post-free on application.

Orders from this or the other Provinces promptly attended to, carefully packed, and transmitted by first opportunity.



MEDDINGS'
PAPANUI HOTEL,

2½ MILES FROM CHRISTCHURCH.

Travellers will find the best accommodation at the above
Hotel, and every attention for their comfort.

GOOD STABLING, STOCK YARD AND PADDOCKS.

A CATTLE MARKET

Held on the second and last Friday in each month.

PAPANUI STORE.

W. G. MEDDINGS,

Proprietor.

ALL KINDS OF

Confectionery, Pastry, Bread, Biscuits, &c.,

M A D E.

BALLS, ROUTES, & PICNICS

FURNISHED ON THE SHORTEST NOTICE.

GENERAL STORES,

IRONMONGERY, &c.,

OF EVERY VARIETY.

**H. ALLCHIN,
STAR HOTEL,
TUAM STREET,**

CHRISTCHURCH.

Board and Lodging by the Week,

WITH EVERY COMFORT.

BREAKFAST	...	...	From Seven o'clock a.m.
DINNER	...	...	From Twelve Noon.
TEA	...	...	From Five p.m.

TEA, COFFEE, AND MEALS, ALL DAY.

GOOD BEDS.

**C. OSWALD,
GENERAL DEALER,
HIGH STREET,
CHRISTCHURCH.**

China, Breakfast, Dinner and Tea Service

ALWAYS ON HAND.

Balls, Public Dinner & Route Parties

SUPPLIED WITH EVERY NECESSARY ARTICLE.

N.B.—C. Oswald is prepared to light shops or public buildings with kerosine by the day, week, month, or year.

STANDARD HOTEL,
OXFORD TERRACE,

(NEAR UNION BANK).

Wines, Spirits, Ales, Beers,

LIQUEURS, &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.

W. WILLIS,

PROPRIETOR.

GOLDEN FLEECE HOTEL,
MARKET PLACE,
(Opposite the Post-Office,)

CHRISTCHURCH.

This Hotel has undergone extensive and complete alterations, and is replete with every comfort and convenience.

Visitors from the neighbouring Provinces will here meet with every attention, and no pains will be spared to make them comfortable.

HARMONIC MEETING

EVERY EVENING, AT 8 O'CLOCK.

SMITH & NEWTON,

Proprietors.

MILLS'S HOTEL,

OXFORD TERRACE EAST.

(NEXT FORESTERS' HALL,)

CHRISTCHURCH.

BEVERAGES, WINES, AND SPIRITS,

Best Brands.

GOOD BEDS.

BAGATELLE BOARD.

First-class covered Skittle Alley.

QUOIT GROUND.

BOATS ALWAYS ON HIRE.

JOHN MILLS,
Proprietor.

For Sale by the Undersigned

25,000

OF THE FOLLOWING

CHOICE VARIETIES OF SHRUBS.

7,000 COMMON LAURELS, 7,000 LAURESTINUS.

Arbutus Unedo
Acacia Cobbetti
Aurancaria Imbricata, Aurancaria Bidwelli,
Aurancaria Cunninghamii Excelsia
Aster Argophylus
Aloysia Citrodera
Acuba Japonica
Azalea Colorans, Azalea Smithii, Azalea Cam-
den refulgens, Azalea Mortii, Azalea
Phœnicea, Azalea Rawsonii, &c.
Buddlea Globosa
Boxus, common, variegated
Berburus Aquifolia, Vulgaris
Cotoneaster Boxifolia, Cotoneaster Microphylla,
Cotoneaster Erecta
Coronilla Glauca
Elianthus Puneceus
Cupressus Lawsoniana, Cupressus Lobbii,
Cupressus Comeyana, Cupressus Funeris,
Cupressus Knightii, Cupressus Susitanica,
Cupressus Torolosa
Cedrus Deodora, Librocdrus, Chilliensus
Cryptomeria Japonica, Lobbii
Cuphea Platrycentra, Caryotaxus, Japonica
Daphne Laureola, Cepholataxus Fortunii
Deutzia Gracillis, Scabra

Euonymus Japonica, Variegata
Forsythia Viridissima
Hydrangea Japonica, Holly, Common and
Variegated, Laurus Nobillis, Sweet Bay
Lilac, Common, White, and Persian
Lycesteria, Formosa, Magnolia, Grandiflora
Pinus Pinaster, Sylvestres, Pinea, Strobers
" Canariensi, Longafolia, Maratima
Picea Pindrou, Pinsasso, Amabilis
Privet, Common and Chinese, Pyrus Japonica
Robina Pseudo Acacia, Ribes, Varieties
Syringa, Common, Siberian, Spiarea Bella
Spirea Corymbosa, Prunifolia
Rosemarinus Officinale Shuja, American
Thuja Chinensis, Flagelliformis, Aurea
Thuiopsis Borealis, Viburnum, Opulus
Viburnum, Japonica, Lucidum, Suspensum
Veronica, varieties
Weigelia Rosea, Westaria Sinensis
Yew, Common and Irish.—Fuschia, several
varieties
Roses, 60 varieties, Pumiperus, Virginiana
Juniperus Hibernica, Prostrata, Oxycdrus
" Burmudiana, Rufescens, Langoldii
Chamæcyparis, Thujefera, Sphroides Variegata
Salisburia Adiantifolia,

A VERY FINE COLLECTION OF BULBS.

FOREST TREES, comprising 25,000 Oak, Elm, Lime, Horse Chestnut,
Alder, Birch, Beech, Sycamore, and Ash.

C. W. S. PURDIE,
TOWN BELT NORTH, PAPANUI ROAD.

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WINE AND SPIRIT MERCHANT,

COLOMBO STREET,

CHRISTCHURCH.

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COMMERCIAL HOTEL,

CASHEL AND COLOMBO STREETS,

CHRISTCHURCH.

Table d'Hôte Daily, at 1.30 p.m.

FIRST-CLASS ACCOMMODATION FOR COMMERCIAL GENTLEMEN.

J. BLAKE, PROPRIETOR.

THOMAS KENT,

CONTRACTOR AND BUILDER,

ARMAGH STREET,

CHRISTCHURCH.

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JOBING IN ALL ITS BRANCHES.

CHRISTCHURCH

RAILWAY DELIVERY.

BARRETT, COMER & CO.,

GENERAL CARRIERS & CONTRACTORS.

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TEAMS FOR TOWN OR COUNTRY

May be arranged for on the Shortest Notice.

W. HAYDN FLOOD,
PROFESSOR OF MUSIC,

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 ORGAN, PIANO-FORTE, SINGING,
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Importer direct from the Oldest Houses in London.

ORDERS FORWARDED TO ANY PART OF THE PROVINCE.

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 ST. ASAPH STREET, NEXT BARRETT'S HOTEL.

The above house has every convenience for Families and Gentlemen, and is healthily situated. Boarders or Parties visiting Christchurch will find every accommodation, and all the comforts of a home.

Mrs. J. F. PATERSON.

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 TELEGRAPH LINE OF ROYAL MAIL
 COACHES.

COACHES OF THIS LINE leave for TIMARU, WAITAKI, OAMARU, MOERAKI and DUNEDIN regularly three times a week, reaching Timaru in One and Dunedin in Three Days.

A COACH also runs between CHRISTCHURCH, WEKA PASS and the HURUNUI three times a week; as well as between CHRISTCHURCH, SALTWATER CREEK and LEITHFIELD every day.

COACHES also run regularly three times every day between CHRISTCHURCH and KAIAPOI. COACHES run between CHRISTCHURCH and LYTTELTON *via* SUMNER three times a-day.

An AGENT of the Company, resident in Port, attends on all Incoming and Outgoing Steamers, and takes Charge of all LUGGAGE, LETTERS, TELEGRAMS, &c., committed to his charge.

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ALWAYS ON HIRE

AT THE COMPANY'S YARDS IN CHRISTCHURCH AND LYTTELTON.

THE PROPRIETORS have always on Sale some first-class direct-imported Buggies, Express Waggons and other Vehicles, with Harness of all kinds, together with Horses of all descriptions, including Match Pairs and really good Hacks.

All the above-named Coaches start and arrive in accordance with the Mail arrangements for the time being.

Full particulars can always be obtained on application at any of the Company's Offices.

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HIGH STREET, CHRISTCHURCH,
 (ADJOINING BIRDSEY'S BRITISH HOTEL,) AND AT
 FAIRHURST'S, QUEEN'S HOTEL, LYTTELTON.

L. G. COLE & Co.,

PROPRIETORS.

SAWYERS' ARMS HOTEL,
PAPANUI.

W. MATHEWS,

PROPRIETOR.

FIRST-RATE ACCOMMODATION FOR FAMILIES.

Beers, Wines, and Spirits of the Best Quality.

WELL-AIRED BEDS.

GOOD STABLING, STOCKYARDS & PADDOCKS.

ccii.

cciii.

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TYPE FOUNDER,
LICHFIELD STREET,
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Leads, Clumps, and Quadrats cast to any Gauge.

OLD METAL TAKEN IN EXCHANGE FOR NEW MATERIAL.

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Reviews, &c., &c.

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The affairs are under the management of a Committee elected annually by the members.

C. J. READER, Clerk.

MONSTER
CLOTHING HALL,
HIGH STREET, CHRISTCHURCH.

HENRY MOSS,
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READY-MADE CLOTHING,
TAILORING AND OUTFITTING TRADE
IN ALL ITS BRANCHES.

H. M., in soliciting a continuance of the patronage of his Friends, begs to intimate that he has imported a large and splendid Stock of READY-MADE CLOTHING, in all the Newest Styles and of the latest Fashions. Also, a superior assortment of WOOLLENS, which will be found in his Bespoke Department.

H. M. has engaged Cutters of ability and experience, and can guarantee a good fit, coupled with moderate charges.

STATION OWNERS
Can be supplied with every article required on liberal terms.

N.B.—A large Stock of Hats, Caps, Hosiery, Neck Ties, &c., &c.

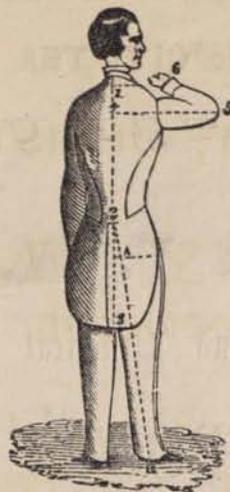
Mechanics' and Working Men's Clothing of the very best description, at the lowest possible prices. Every article is marked in plain figures, from which no deviation will be made. Any article purchased and not approved of will be exchanged, or the money returned without the slightest hesitation.

This Establishment is closed on Saturdays until 5 o'clock, when business will be resumed until 11 p.m.

HENRY MOSS, Proprietor.

MONSTER CLOTHING HALL,
HIGH STREET, CHRISTCHURCH.

SELF-MEASUREMENT.



Directions for Coats. Inches.

From 1 at Neck to 2 at Waist	...
2 to 3 for length of Coat	...
Centre of Back at 4 to Elbow at 5	...
Continuing on to 6 for length of Arm	...
Round the Muscle of Arm above the Elbow	...
Round the same below the Elbow	...
Round the Wrist at 6	...
Round the Chest under the Coat at 7	...
Round the Waist under the Coat	...

Vests.

From 1 at back of neck to the length required in front	...
Round the Chest	...
Round the Waist	...

Trousers.

From the top of the Trousers to the length required at B.	...
From A between the legs to B	...
Round the Waist under the Waistcoat	...
Round the Hips	...
Round the Leg at A	...
Round the Knee	...
Round the Foot at B	...

Measure for Hat.

The number of inches round the Head

To insure a correct fit, it is necessary to give the measure with exactness, and state whether the party is upright or inclined to stoop. The height is also a good guide.

HENRY MOSS, PROPRIETOR.

N.B.—Gentlemen residing up Country, and sending for Clothing (to guarantee a good fit), will please send measure as above.

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Next to the CITY TEA MART,

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GEORGE & T. W. JONES,

Importers and Practical Makers

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FIRST-CLASS BOOTS & SHOES,

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Peg Principles.

Gent's Kangaroo Emperor Boots.

The Upper (in one piece) is particularly adapted for tender feet, there being no seams. This style of Boot cannot be excelled for lightness, durability, and appearance.

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AND A
GOOD FIT GUARANTEED.

A LARGE ASSORTMENT OF

Ladies', Gentlemen's, and Children's Goods
ALWAYS IN STOCK.

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GENERAL PRINTERS,

GLOUCESTER STREET AND CATHEDRAL SQUARE,

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BOOKBINDING, MACHINE RULING, &c.



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No. 2, CASHEL STREET,

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ADJOINING THE SALE YARDS.

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ALWAYS ON HAND.

Saddlery and Harness made to order to any Pattern.

Price in proportion to Style and Quality.

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