

B2-39

No. 8

Carr's Notebook

THE
IMPROVED FOOLSCAP
SCRIBBLING DIARY
AND
NOTE BOOK
FOR
1918

CONTAINING

£1,000 ACCIDENT INSURANCE COUPON

With £3 per Week Disablement Allowance. *(For details, see Coupon.)*

JANUARY—1918.			FEBRUARY—1918.			MARCH—1918.			APRIL—1918.						
Day of the Mth.	Wk. Yr.	Sundays, Festivals, Astronomical Notes, &c.	Day of the Mth.	Wk. Yr.	Sundays, Festivals, Astronomical Notes, &c.	Day of the Mth.	Wk. Yr.	Sundays, Festivals, Astronomical Notes, &c.	Day of the Mth.	Wk. Yr.	Sundays, Festivals, Astronomical Notes, &c.				
1	T	1	CIRCUMCISION [Stock Exchange closed]	1	F	32		1	F	60	S. David. Fly Fishing begins	1	M	91	Easter Monday. Bank Hol.
2	W	2	*Barometer 29-806 in.	2	S	33	PURIFICATION OF B.V.M.	2	S	61	S. Chad	2	T	92	Easter Tuesday
3	Th	3		3	S	34	SEXAGESIMA. S. Blasius 5	3	S	62	3RD IN LENT 9	3	W	93	S. Richard
4	F	4	[(Last Quarter 11.50 a.m.	4	M	35	(Last Quarter 7.52 a.m.	4	M	63	*Barometer 29-786 in.	4	Th	94	(Last Quarter 1.33 p.m.
5	S	5	Dividends due	5	T	36	S. Agatha	5	T	64	(Last Quarter 0.44 a.m.	5	F	95	Dividends due
6	S	6	EPIPHANY 1	6	W	37	*Barometer 29-790 in.	6	W	65	S. Perpetua	6	S	96	*Barometer 29-750 in.
7	M	7	S. Distaff Plough Monday	7	Th	38		7	Th	66		7	S	97	Low SUNDAY 14
8	T	8		8	F	39	Half Quarter Day	8	F	67		8	M	98	[Old Lady Day
9	W	9	Christmas Fire Ins. ceases	9	S	40		9	S	68		9	T	99	Lady Day Fire Insur. ceases
10	Th	10		10	S	41	QUINQUAGESIMA 6	10	S	69	4TH IN LENT 10	10	W	100	[Easter Law Sittings begin
11	F	11	Hilary Law Sittings begin	11	M	42	● New Moon 10.5 a.m.	11	M	70	[● New Moon 7.52 p.m.	11	Th	101	● New Moon 4.34 a.m.
12	S	12	● New Moon 10.36 p.m.	12	T	43	Sbrove Tuesday	12	T	71	S. Gregory	12	F	102	
13	S	13	1ST AFTER EPIPHANY 2	13	W	44	Ash Wednesday	13	W	72	Duke of Connaught married 1879	13	S	103	
14	M	14	[S. Hilary	14	Th	45	S. Valentine	14	Th	73		14	S	104	2ND AFTER EASTER 16
15	T	15	*Temp. Day 43-2° Night 33-9°	15	F	46	Kimberley relieved 1900	15	F	74	*Temp. Day 49-7° Night 35-1°	15	M	105	*Temp. Day 57-1° Night 38-9°
16	W	16		16	S	47	*Temp. Day 45-4° Night 34-4°	16	S	75	PASSION SUNDAY 11	16	T	106	Interest payable on £4% War Loan, 1929-1942
17	Th	17		17	S	48	1ST IN LENT. Ember Wk. 7	17	T	76	S. Edward [S. Patrick]	17	W	107	
18	F	18	S. Prisca	18	M	49	) First Quarter 0.57 a.m.	18	M	77	) First Quarter 1.30 p.m.	18	Th	108	) First Quarter 4.8 a.m.
19	S	19	) First Quarter 2.38 p.m.	19	T	50	Ember Day	19	T	78	S. Benedict. Vernal Equinox	19	F	109	Primrose Day (1881).
20	S	20	2ND AFTER EPIPHANY 3	20	W	51	Ember Day	20	W	79		20	S	110	[S. Alphege
21	M	21	S. Agnes [S. Fabian]	21	Th	52	Ember Day	21	Th	80	*Rainfall 1-63 in.	21	S	111	3RD AFTER EASTER 16
22	T	22	S. Vincent	22	F	53	Ember Day	22	F	81	PALM SUNDAY 12	22	M	112	
23	W	23	*Rainfall 1-88 in.	23	S	54	2ND IN LENT. S. Matthias 8	23	M	82	ANNUN. B.V.M. Lady Day	23	T	113	S. George
24	Th	24		24	Th	55	○ Full Moon 9.35 p.m.	24	T	83	[○ Full Moon 3.33 p.m.	24	W	114	
25	F	25	CONVERSION OF S. PAUL	25	F	56	*Rainfall 1-54 in.	25	W	84	Hilary Law Sittings end	25	Th	115	S. Mark
26	S	26	Fall of Khartoum, 1885	26	M	57		26	Th	85	Maundy Thursday	26	F	116	○ Full Moon 8.5 a.m.
27	M	27	SEPTUAGESIMA 4	27	T	58		27	F	86	GOOD FRIDAY.	27	S	117	4TH AFTER EASTER 17
28	T	28	[○ Full Moon 3.14 a.m.	28	W	59		28	S	87	Easter Eve	28	S	118	*Rainfall 1-57 in.
29	W	29						29	M	88	EASTER DAY 13	29	M	119	
30	Th	30						30	T	89		30	Th	120	
31	Th	31						31	S	90					

MAY—1918.

JUNE—1918.

JULY—1918.

AUGUST—1918.

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1	W	121	SS. Philip and James	1	S	152	S. Nicomede. Int. payable on £5% War Loan, 1929-1947	1	M	182	(Last Quarter 8.43 a.m.	1	Th	213	Lanmas Day
2	Th	122		2	S	153	[Last Quarter 4.20 a.m.	2	T	183	*Barometer 29-801 in.	2	F	214	*Barometer 29-785 in.
3	F	123	(Last Quarter 10.26 p.m.	3	M	154	1ST AFTER TRINITY 22	3	W	184	Tr. of S. Martin	3	S	215	[War dec. on Germany 1914
4	S	124	*Barometer 29-792 in.	4	T	155	King born 1865	4	Th	185	Dividends due	4	S	216	10TH AFTER TRINITY 31
5	S	125	ROGATION SUNDAY 18	5	W	156	S. Boniface	5	F	186		5	M	217	Bank Holiday
6	M	126	[S. John Evangelist	6	Th	157	*Barometer 29-814 in.	6	S	187	6TH AFTER TRINITY 27	6	T	218	[● New Moon 8.30 p.m.
7	T	127	Rogation Day. Accession 1910	7	F	158		7	Th	188	● New Moon 8.22 a.m.	7	W	219	Transfiguration
8	W	128	Rogation Day	8	M	159	● New Moon 10.3 p.m.	8	T	189	Midsummer Fire Ins. ceases	8	Th	220	Name of Jesus
9	Th	129	ASCENSION DAY. Half Qtr. D.	9	T	160	2ND AFTER TRINITY 23	9	W	190		9	F	221	
10	F	130	● New Moon 1.1 p.m.	10	S	161	Ramadan begins	10	Th	191	*Temp. Day 73-8° Night 53-2°	10	S	222	S. Lawrence. [Hf. Quar. Day
11	S	131		11	M	162	S. Barnabas	11	F	192		11	Th	223	11TH AFTER TRINITY 32
12	S	132	SUNDAY AFT. ASCENSION 19	12	T	163		12	S	193	7TH AFTER TRINITY 28	12	M	224	Grouse Shooting begins
13	M	133	*Temp. Day 64-1° Night 43-8°	13	W	164	*Temp. Day 71-1° Night 49-8°	13	Th	194	S. Swithin	13	T	225	) First Quarter 11.16 p.m.
14	T	134	Scotch Quarter Day	14	Th	165	[) First Quarter 1.12 p.m.	14	F	195	) First Quarter 6.25 a.m.	14	W	226	
15	W	135	[) First Quarter 8.14 p.m.	15	F	166	3RD AFTER TRINITY 24	15	M	196		15	Th	227	*Temp. Day 72-7° Night 53-1°
16	Th	136	Easter Law Sittings end	16	S	167		16	T	197	S. Margaret	16	F	228	12TH AFTER TRINITY 33
17	F	137	[S. Dunstan	17	M	168	Waterloo 1815	17	W	198	8TH AFTER TRINITY 29	17	S	229	Black Game Shooting begins
18	S	138	WHITSUN DAY. Emb. Wk. 20	18	T	169	Tr. of King Edward	18	Th	199	S. Mary Magdalene	18	Th	230	○ Full Moon 5.2 a.m.
19	M	139	Whit Monday. Bank Hol.	19	W	170		19	F	200	○ Full Moon 8.35 p.m.	19	M	231	(Massacre 1572)
20	T	140	Whit Tuesday	20	Th	171	Longest Day	20	S	201	Gibraltar taken 1704	20	T	232	St. Bartholomew
21	W	141	Ember Day	21	F	172	4TH AFTER TRINITY 25	21	Th	202	S. James	21	W	233	13TH AFTER TRINITY 34
22	Th	142	*Rainfall 1-91 in.	22	M	173	[Prince of Wales born 1894	22	M	203	S. Anne	22	Th	234	*Rainfall 2-35 in.
23	F	143	Empire Day. Ember Day	23	T	174	S. John Baptist. Midsummer Day. ○ F. Moon 10.38 a.m.	23	W	204	*Rainfall 2-31 in.	23	F	235	[Last Quarter 7.27 p.m.
24	S	144	[○ Full Moon 10.32 p.m.	24	W	175		24	Th	205	9TH AFTER TRINITY 30	24	S	236	S. Augustin
25	S	145	Ember Day	25	T	176		25	F	206	(Last Quarter 1.14 p.m.	25	Th	237	Beheading of S. John Baptist
26	S	146	TRINITY SUNDAY 21	26	W	177	*Rainfall 2-03 in.	26	S	207	Trinity Law Sittings end.	26	F	238	Relief of Candahar 1880
27	M	147	[Queen born 1867	27	Th	178		27	Th	208	Annual and Nov. to July Game Licences expire	27	S	239	
28	T	148	Ven. Bede	28	F	179		28	F	209		28	W	240	
29	W	149	Trinity Law Sittings begin	29	S	180	S. Peter	29	M	210		29	Th	241	
30	Th	150	Corpus Christi	30	T	181	5TH AFTER TRINITY 26	30	T	211		30	F	242	
31	F	151		31	W	181		31	W	212		31	S	243	

SEPTEMBER—1918.

OCTOBER—1918.

NOVEMBER—1918.

DECEMBER—1918.

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1	S	244	14TH AFTER TRINITY. 35	1	T	274	Pheasant Shooting begins	1	F	305	All Saints	1	S	335	ADVENT SUNDAY 48
2	M	245	[S. Giles	2	W	275	[published	2	S	306	All Souls	2	M	336	[Q. Alexandra born 1844
3	T	246	Partridge Shooting begins	3	Th	276	Charles Lettis's Diaries, 1919,	3	S	307	23RD AFTER TRINITY 41	3	W	337	Interest payable on £5% War Loan 1929-1947
4	W	247	[Capitulation of Sedan 1870	4	F	277	[● New Moon 3.5 a.m.	4	M	308	[● New Moon 9.2 p.m.	4	Th	338	● New Moon 3.19 p.m.
5	Th	248	● New Moon 10.44 a.m.	5	S	278	Dividends due	5	T	309	Inkerian 1854	5	F	339	*Barometer 29-761 in.
6	F	249		6	S	279	19TH AFTER TRINITY 40	6	W	310	*Barometer 29-754 in.	6	Th	340	
7	S	250	S. Evaristus.	7	M	280	[S. Faith	7	Th	311		7	S	341	
8	S	251	[Jewish year 5679 begins	8	T	281	Mohammedan Year 1337	8	F	312		8	S	342	2ND IN ADVENT 49
9	M	252	15TH AFTER TRINITY 36	9	W	282	S. Denys	9	S	313	24TH AFTER TRINITY 45	9	M	343	
10	T	253	*Barometer 29-825 in.	10	Th	283	*Barometer 29-724 in.	10	Th	314	[) First Quarter 4.46 p.m.	10	T	344	Grouse Shooting ends
11	W	254		11	F	284		11	F	315	Half-Quarter Day	11	W	345	) First Quarter 2.31 a.m.
12	Th	255		12	S	285	Mich. Law Sittings begin	12	T	316	[Martinmas	12	Th	346	
13	F	256	) First Quarter 3.2 p.m.	13	Th	286	20TH AFTER TRINITY 41	13	Th	317	S. Britius	13	F	347	*Temp. Day 44-7° Night 35-4°
14	S	257	Holy Cross Day.	14	M	287	[) First Quarter 5.0 a.m.	14	F	318	*Temp. Day 48-9° Night 37-8°	14	S	348	
15	S	258	16TH AFTER TRINITY 37	15	T	288	Mich. Fire Insurance ceases	15	S	319	S. Machutus	15	S	349	3RD IN ADVENT 50
16	M	259	[Ember Week	16	W	289	Interest payable on £4% War Loan 1929-1942	16	Th	320	Suez Canal opened 1869	16	M	350	[Ember Week
17	T	260	*Temp. Day 67-2° Night 49-0°	17	Th	290	*Temp. Day 57-7° Night 43-5°	17	F	321	25TH AFTER TRINITY 46	17	T	351	○ Full Moon 7.18 p.m.
18	W	261	Ember Day	18	F	291	S. Etheldreda	18	M	322	○ Full Moon 7.33 a.m.	18	W	352	Ember Day
19	Th	262	[○ Full Moon 1.1 p.m.	19	S	292	S. Luke	19	T	323		19	Th	353	
20	F	263	Ember Day	20	T	293	○ Full Moon 9.35 p.m.	20	W	324		20	F	354	Ember Day
21	S	264	S. Matthew. Ember Day	21	Th	294	21ST AFTER TRINITY 42	21	Th	325	*Rainfall 2-26 in.	21	S	355	S. Thomas. Ember Day
22	S	265	17TH AFTER TRINITY 38	22	M	295	Trafalgar 1805	22	F	326		22	Th	356	[Mich. Law Sittings end
23	M	266	Autumnal Equinox	23	T	296	*Rainfall 2-75 in.	23	S	327	26TH AFTER TRIN. (last) 47	23	M	357	4TH IN ADVENT. 51
24	T	267													

SELECTED STAMP DUTIES.

Inland Revenue Office, Somerset House; House 10 to 4 (Sats., 1). Stamp Office, 10 to 4 (Sats., 2).

AFFIDAVIT OF STATUTORY DECLARATION ..	£	s.	d.
AGREEMENT or MEMO. of AGREEMENT, under hand only and not otherwise charged ..	0	0	6
<small>A sixpenny adhesive stamp may be used, but must be cancelled by writing date, &c., across.</small>			
<small>EXEMPTIONS.—Agreements under £5, or for hire of servants, or sale of goods, or between master and crew of any ship for wages on any voyage coast-wise from port to port of the United Kingdom, do not require stamping.</small>			
AGREEMENT for any term less than year of fur, dwelling ho. or part, where rent for term exceeds £25 ..	0	5	0
ALLOTMENT, Letter of Under £5 ..	1d	£5 and over	0 0 6
APPRAISEMENT or VALUATION of any property where amount does not exceed £5 ..	0s. 3d.	£30 ..	1s. 6d.
10 ..	0s. 6d.	40 ..	2s. 0d.
20 ..	1s. 0d.	50 ..	2s. 6d.
Exceeding £500 ..	£1.		
APPRENTICESHIP INDENTURE ..	0	2	6
ARMS, GRANT OF ..	10	0	0
ARTICLES OF CLERKSHIP, to Attorney or Solicitor, Engl. or Irel., £80; Scotch Super. Courts ..	60	0	0
AWARDS ..	0	10	0
BANKERS' CHEQUES ..	0	0	1
BILL OF EXCHANGE, payable on demand or at sight, or within 3 days after ..	0	0	1
After date or sight of any other kinds, or Promissory Note, not exceeding—	£5, 1d.	£50, 0s. 6d.	Every additional 10, 2d. | 75, 0s. 9d. | £100 .. 1s. 0d.
25, 3d. | 100, 1s. 0d. | On demand, 0s. 1d.			
BILL OF EXCHANGE drawn and payable out of the United Kingdom when negotiated here. Exceeding £50 but not exceeding £100, 6d.; exceeding £100, 6d. for every £100 or part.			

Foreign Bills and Notes chargeable with these *ad val.* duties require special adhesive stamps, called "Foreign Bill Stamps." Bills of Exchange due on a Bank Holiday are payable following day; those due on Good Friday, Christmas Day or any Sunday, on previous day.

BILL OF LADING ..	0	0	6
BOND, COVENANT OF INSTRUMENT— Being principal security for any sum for a definite period. See Mortgage.			
For indefinite period—			
For every £5 or part ..	0	2	6
For superannuation annuity—			
For every £5 or part ..	0	0	6
Bonds, by Acts of Parliament or by Customs or Inland Revenue, where penalty does not exceed £150, <i>ad val.</i> duty as in Mortgage.			
In any other case ..	0	5	0
On obtaining letters of administration (not exceeding £100 exempt) ..	0	5	0
CHARTERPARTY ..	0	0	6
COMMISSION OF LUNACY ..	0	5	0
COMPANIES—Registered Capital & any increase, for every £100 ..	0	5	0
CONTRACT NOTES—			
Where the value of the stock or marketable security is—			
£5, and does not exceed £100 ..	6d.		
exceeds ..	not exceeding	exceeds	not exceeding
£100 ..	£500, 1s.	£7,500 ..	£10,000 10s.
£500 ..	£1,000, 2s.	£10,000 ..	£12,500 12s.
£1,000 ..	£1,500 3s.	£12,500 ..	£15,000 14s.
£1,500 ..	£2,500 4s.	£15,000 ..	£17,500 16s.
£2,500 ..	£5,000 6s.	£17,500 ..	£20,000 18s.
£5,000 ..	£7,500 8s.	£20,000 ..	20s.

CONVEYANCE OF TRANSFER—			
Bank of England Stock ..	0	7	9
Canadian Stock and Colonial Stock, per £100 ..	0	2	6
CONVEYANCE OF TRANSFER ON SALE of any property except as above—			
Where amount of consideration does not exceed £5, 1s.; £10, 2s.; £15, 3s.; £20, 4s.; £25, 5s.; £50, 10s.; for every additional £25 up to £300, 5s.; and for every additional £50 above £300, 10s.			

The above scale of duty was imposed by Section 73 of the Finance (1909-10) Act, 1910, but in all cases of conveyance or transfer on sale of any property (other than stock or marketable security) or voluntary dispositions of any property the rate of duty is one-half the above, provided the instrument contains a certificate in the form set out in the section above mentioned. The Act contains exceptions for marriage settlements, gifts of property for preservation of open spaces, and for conveyances to appoint new trustees or on retirement of a trustee (Section 74).

STAMP DUTIES—contd.

CONVEYANCE OR TRANSFER OF STOCKS or Marketable Securities on sale, or by way of gift—

Where the amount of consideration does not exceed £5, 6d.; £10, 1s.; £15, 1s. 6d.; £20, 2s.; £25, 2s. 6d.; and for every additional £25, 2s. 6d., up to £300; if exceeding £300, then for every £50, 5s.		
For nominal consideration, or any not otherwise charged ..	£	s. d.
Transfer of Shares on Cost Book System ..	0	0 6
DECLARATION OF TRUST ..	0	10 0
DEED of any kind whatsoever not otherwise charged ..	0	10 0
DUPLICATE of any instrument— Same duty as original, but not to exceed ..	0	5 0

ESTATE DUTIES—Payable upon the principal value of all property—

Where the principal value of the Estate exceeds	£100 ..	£1 per cent.	£150,000 ..	£11 per cent.
500 ..	2 ..	200,000 ..	12 ..	
1,000 ..	3 ..	250,000 ..	13 ..	
5,000 ..	4 ..	300,000 ..	14 ..	
10,000 ..	5 ..	350,000 ..	15 ..	
20,000 ..	6 ..	400,000 ..	16 ..	
40,000 ..	7 ..	500,000 ..	17 ..	
60,000 ..	8 ..	600,000 ..	18 ..	
80,000 ..	9 ..	800,000 ..	19 ..	
100,000 ..	10 ..	1,000,000 ..	20 ..	

Settlement Estate Duty is abolished, and relief in respect of settled property is given under the Finance Act, 1894.

Relief is also given in respect of quick succession. Where the second death occurs within one year of the first death by 50 per cent. two years 40 " " three " 30 " " four " 20 " " five " 10 " "

GAMEKEEPER'S, Appointment ..	0	10	0
HIRE PURCHASE AGREEMENTS—			
Under hand, value £5 and above ..	0	0	6
Under seal, ..	0	10	0

INCREMENT VALUE— Transfer on sale of fee simple of the land or any interest in land, or grant of any lease. For every full £5 of that value 1 0 0

LEASES—	Not ex- 35 years or term indef.	Not ex- ceeding 100 years.	Ex- ceeding 100 years.
Not exceeding £5 per annum ..	£ 5, 0s. 6d.	£ 5, 0s. 6d.	£ 5, 0s. 6d.
10 ..	0 2 0	0 2 0	0 2 0
15 ..	0 3 0	0 3 0	0 3 0
20 ..	0 4 0	0 4 0	0 4 0
25 ..	0 5 0	0 5 0	0 5 0
50 ..	0 10 0	0 10 0	0 10 0
75 ..	0 15 0	0 15 0	0 15 0
100 ..	0 20 0	0 20 0	0 20 0
Exceeding £100, for every fractional part of £50 ..	0 10 0	0 10 0	0 10 0

Of any kind not otherwise described .. 1 0 0 By Section 15 of the Revenue Act, 1911, the increased stamp duty imposed by Section 75 of the Finance (1909-10) Act, 1910, is not to apply to cases where the consideration, or any part of the consideration, consists of money, stock or security (other than rent) the amount or value of which does not exceed £500, provided the instrument contains a certificate (similar to that under the head "Conveyance") showing that the consideration, other than rent, does not exceed £500. Section 75 of the principal Act (*i.e.* the Stamp Act, 1891) does not apply to the duty chargeable in respect of the consideration or part thereof, which consists of money, stock, or security, other than rent, but that the duty should be charged in respect thereof as if that Act had not been passed. Section 15 of the Revenue Act, 1911, however, does not apply to any case where part of the consideration for any lease or tack consisted of rent exceeding £20 a year.

LOAN CAPITAL, every £110 or part ..	0	2	6
MARRIAGE LICENCE ..	2	0	0
Do. do. Special, about ..	30	0	0

MARKETABLE SECURITY—

- (1) (a) Being a Colonial Gov. Security ..
- (b) Being a security not transferable by delivery ..
- (2) Transfer, Assignment, Disposition or Assignment of such security—
- (a) Upon sale. See Conveyance, etc.
- (b) Upon Mortgage. See Mortgage, etc.
- In any other case (where not within the *ad val.* charge) .. 0 10 0
- (3) Marketable Security (except Col. Gov. Security), transferable by delivery, bearing date, or signed, before August 6, 1885. For every £10 (or fractional part) .. 0 2 0
- (4) Marketable Security (except Col. Gov. Security) as above, given in substitution for a like security, duly stamped. For every £20 (or fract. part) 0 1 0

STAMP DUTIES—contd.

MARKETABLE SECURITY— £ s. d. (5) Foreign or Colonial and other Securities transferable by delivery which (after August 1, 1899) are assigned, transferred, or in any manner negotiated in the United Kingdom. For every £10 (or fractional part) .. 0 2 0

MINERAL RIGHTS— In respect of capital value of minerals, for every 20s. .. 0 1 0 Excess Duty.—A duty of 60% is now levied on the amount payable to any person as rent in respect of minerals subject to a mining lease after 4th August, 1914.—See Finance Act, 1914, sec. 46.

MORTGAGE BOND, &c.—	Principal not exc. £10 ..	s. d.	Principal not exc. £200 ..	s. d.
Do. 25 ..	0	3	Do. £250 ..	5
Do. 50 ..	1	3	Do. £300 ..	7
Do. 100 ..	2	6	Exc. £300, for every Do. 150 ..	3
Do. 150 ..	3	0	£100 ..	2

PASSPORT .. 0 0 6

POLICY OF INSURANCE— Life, not exc. £10, 1d.; £25 .. 0 0 3 Do. £500, for every £50 .. 0 0 6 Do. £1,000, for every £100 .. 0 1 0 Exceeding £1,000, for every £1,000 or part .. 0 10 0 Accidental .. 0 0 1 Marine, Voyage— for every £100 0 0 1 Marine (Time)—for every £100 not exceeding 6 months .. 0 0 3 " " 12 " .. 0 0 6 Containing continuation clause, additional duty of .. 0 0 6 When premium does not exceed 2/6 per cent. of sum insured 0 0 1 By Section 18 of the Finance Act, 1912, provision is made for stamping of policies of sea insurance which are subject to a contingent increase of premium.

POWER OF ATTORNEY— For appointing proxy at any single meeting, or adjournment 0 0 1 For receiving wages or prize money .. 0 1 0 Sale, transfer or receipt of Gov. Stock, not exceeding £100 .. 0 2 6 Receipt of divs. or int. of any Stock, if for one payment only 0 1 0 Any other kind .. 0 10 0 PROCURATION, Deed of .. 0 10 0 PROTEST, where duty on bill does not exceed 1s., same duty as the bill. In any other case .. 0 1 0 RECEIPT, for £2 or upwards .. 0 0 1 RENUNCIATION, Letter of— Less than £5, 1d. £5 and upwards, 6d. REVOCATION of any trust or property, not being a will .. 0 10 0 REVERSION DUTY— On determination of any lease of land, duty is chargeable on the value of the benefit accruing to the Lessor. For every full £10 of that value 1 0 0 Certain exemptions and allowances are made under Section 14 of the Finance (1909-10) Act, 1910.

SCRIP CERTIFICATE, Scrip or other document, of any share (or fractional part of a share) .. 0 0 1 SETTLEMENT, for every £100, or part of £100, stock or security 0 5 0 TRANSFER of Marketable Securities not transferable on delivery. Same duty as on Mortgage Bonds. UNDEVELOPED LAND— Duty is chargeable in respect of site value of undeveloped land. For every 20/- of such site value 0 0 0 1/2 Certain exemptions and allowances are made under Section 17, and Section 18 exempts Small Holdings, total value not exceeding £500.—See Finance (1909-10) Act, 1910.

VOTING PAPER or Proxy .. 0 0 1

CUSTOMS DUTIES.

BEER, Mum, Spruce or Black Beer and Berlin White Beer—			
Of a spec. grav. not ex. 1,215 deg. ..	per barrel of 36 gal.	5	2 0
Exceeding 1,215 deg. ..	"	5	19 6
Of other sorts, spec. grav. 1,055 deg. ..	per barrel of 36 gal.	1	5 6
BLACKING, containing sugar, cwt. ..	0	3	1 1/2
CANDIED or DRAINED PEEL ..	0	10	1 1/2
CARAMEL, solid ..	0	14	0
" liquid ..	0	10	1 1/2
CHERRIES, drained ..	0	7	7 1/2
CHICORY, raw or kiln-dried ..	1	19	8
" roasted or ground ..	0	0	6
" excise duty ..	cwt.	1	18 6

CUSTOMS DUTIES—contd.		£	s.	d.
CHLORAL HYDRATE	lb.	0	1	9
CHLOROFORM	"	0	4	4
CHUTNEY	cwt.	0	6	4½
CIDER OF PERRY	gal.	0	0	4
CIGARETTES	lb.	0	8	6
CIGARS	"	0	10	6
†CINEMATOGRAPH FILMS—				
Blank per linear foot		0	0	0½
Positive	"	0	0	1
Negative	"	0	0	5
†COCOA and COCOA BUTTER ..	lb.	0	0	4½
†COCOA, husks and shells ..	cwt.	0	6	0
COCOANUT, sugared	"	0	6	4½
COFFEE, raw	"	2	2	0
" kiln-dried, roasted ..	lb.	0	0	6
" and Chicory mixed, roasted	lb.	0	0	6
" substitutes, excise duty,				
every ¼-lb.		0	0	1½
COLLODION	gal.	1	14	11
CONFECTIONERY—				
Hard, such as Sugared Almonds	cwt.	0	14	0
Do., if Sugar duty does not ex-	cwt.	0	10	1½
ceed 10s. 1½d. the cwt.				
Soft, A.B. Gums, if combined				
quantity of sugar and glucose				
does not exceed the rate of				
6s. 4½d. the cwt.	cwt.	0	6	4½
Other A.B. Gums	"	0	10	1½
Confectionery, Fig	"	0	10	6
Do. made from Sugar only ..	"	0	14	0
CURRENTS	"	0	2	0
ETHER, acetic	lb.	0	2	7
" butyric	gal.	1	1	10
" sulphuric	"	1	16	6
ETHYL, Iodide of	"	0	19	0
" Bromide	lb.	0	1	5
" Chloride	gal.	1	1	10
FRUIT preserved—In pulp—				
" In thin syrup	cwt.	0	3	1½
" " thick syrup	"	0	10	1½
" crystallised or preserved ..	"	0	14	0
" canned or bottled—				
In thin syrup	"	0	3	1½
Do., if Sugar duty				
does not exceed				
1s. 10½d. the cwt.	"	0	1	10½
In thick syrup	"	0	8	3
imitation	"	0	14	0
" if sugar duty does				
not exceed 11s. 6d.	"	0	11	6
" the cwt.	"	0	11	6
" Flowers in crystallised				
sugar	"	0	14	0
GINGER, in syrup	"	0	10	1½
GLUCOSE, solid	"	0	8	10½
" liquid	"	0	6	4½
IMPORTED GOODS.—Motor cars, motor				
cycles, and parts thereof, clocks,				
watches, musical instruments, and parts				
thereof, are to pay an <i>ad valorem</i> duty				
of 33½ per cent.				
JAMS and MARMALADE ..	cwt.	0	10	1½
LICORICE	"	0	4	6
LIQUEURS, Cordials, etc., con-				
taining spirits, not sweetened				
(tested) per proof gal.		0	15	2
(not tested), liq. gal. in bots.		1	1	5
MARZIPAN	cwt.	0	8	3
MATCHES, imported, in boxes not				
containing over 80 matches,				
per 10,000	"	0	3	6
" on excess per 10,000 ..	"	0	1	9
MILK, condensed	cwt.	0	5	9
(separated or skimmed, 6s. 4½d.;				
slightly sweetened, 2s. 6d.)				
MILK POWDER	cwt.	0	11	6
" free if declared no sugar.				
" if declared 36% added ..	"	0	5	1½
†MOLASSES, cont. 70% or more of				
sweetening matter	cwt.	0	8	10½
" 50 to 70%	"	0	6	4½
" 50% and under	"	0	3	1½
NESTLÉ'S MILK FOOD	"	0	4	6
PATENT MEDICINES, 3d. in the 1s.				
PLAYING CARDS .. per doz. packs		0	3	9
PLUMS, Prunes or Raisins ..	cwt.	0	10	6
SACCHARIN	oz.	0	4	6
SNUFF, cont. over 13% of mois-				
ture	lb.	0	6	7½
" not over ditto	"	0	8	0
SOAP, transparent, in manufac-				
ture of which spirit used ..	lb.	0	0	3
SOY, etc.	cwt.	0	3	1½
†SPIRITS, British — per proof gal.		0	14	9
" Brandy and Rum	"	0	15	1*

CUSTOMS DUTIES—contd.		£	s.	d.
†SPIRITS—Imitation Rum and				
Geneva, per proof gal. 0 15 2*				
(7½d. per gal. additional if sweetened.)				
unenumerated and				
sweetened per proof gal. 0 15 9½				
do., not sweetened .. 0 15 2*				
perfumed liquid .. 1 4 1*				
†SUGAR, polarization exc. 98% cwt.		0	14	0
" not ex. 76%		0	6	9
" between 76% and 98%,				
Excise duties as per schedule.				
TABLE WATERS with sugar, or				
fermented beverages, gal.		0	0	4
" other kinds	"	0	0	8
TAMARINDS, etc.	"	0	3	1½
TEA	lb.	0	1	0
TINDER BOXES, etc., Imported,				
when spirit used	"	0	1	0
In any other case	"	0	0	6
Additional Excise Duty, similar amount.				
†TOBACCO, unmanufact., stripped				
or stemmed, cont. 10%				
or more of moisture, lb.		0	7	4½
" less than 10%	"	0	8	2½
" unstripped or unstemd.		0	7	4
" less than 10%	lb.	0	8	2
" manufact. Cavendish or				
Negrohead	lb.	0	10	8
TOBACCO, manufactured in Bond,				
Cavendish or Negrohead ..	lb.	0	9	4
TOBACCO, manufact., other sorts		0	9	4
WINE, not exceeding 30 deg. proof				
spirit	gal.	0	1	3*
" not exc. 42 deg.	"	0	3	0*
" for each additional deg.				
or part of a deg.	gal.	0	0	3
" additional on Still Wine				
imported in bottles, gal.		0	1	0
" addnl. on Sparkling Wine				
imported in bottles ..	gal.	0	2	6
* One Shilling additional if imported in Bottles.				
† Rates given are if warehoused 3 years or more.				
‡ Subject to special drawbacks.				

POSTAL INFORMATION, INLAND.

Secretary—		Controller, London	
G. E. P. Murray, Esq.		Postal Service—	
Comptroller and		Sir R. Bruce, C.B.	
Accountant General—		Controller of Money	
Sir C. A. King, C.B.		Order Office—	
Solicitor—		F. Wickham, Esq.	
C. L. Davies, Esq., M.A.		Controller, Central	
Controller of Sav. Bank—		Telegraph Office—	
H. Davies, Esq., C.B., I.S.O.		J. Newlands, Esq., C.I.E.	

LETTERS.—The rates for Letters are as follows: Not exceeding 1 oz., 1d.; not exceeding 2 oz., 2d.; every additional 2 oz., ½d. No letter may exceed 24 in. long, 12 in. wide, or 12 in. deep. Letters posted unpaid are charged double postage on delivery; those insufficiently paid, double the deficiency.

CERTIFICATES OF POSTING.—Any person who desires proof that an unregistered letter, &c., has been posted to a particular person should hand in the letter or other article at a Post Office and ask for a Certificate of Posting. The fee is ½d., payable by means of a stamp.

SINGLE LETTERS BY RAILWAY.—Single letters not exceeding 4 oz. in weight can be sent by railway. The ordinary postage must be paid by stamps, and a fee of 2d. for each letter must be paid to the railway servant to whom they are tendered. Such letters must be taken to a passenger station, and will be sent to destination by first available train. They may be addressed to the Parcel Office at the station of destination "to be called for," or, if so desired, will be sent by special messenger, or posted in the nearest Post Office for delivery by ordinary post.

EXPRESS DELIVERY.—Letters and parcels are accepted at most of the principal offices for express delivery, at a charge of 3d. for every mile or part, which includes cost of public conveyance (omnibus, tramcar, or railway). The packet must be handed over counter at the Post Office, with fee affixed in stamps to a form provided, and "Express" must be boldly written at top left corner. For express delivery after conveyance by ordinary post, ordinary postage, in addition to a charge of 3d. per mile from delivering office, must be affixed, and the packet, which should be marked "Express," may be posted in a letter box. Letters must also be marked back and front with a broad perpendicular line from top to bottom.

POSTAL INFORMATION—contd.

NEWSPAPERS.—The rate for Newspapers, unregistered, is a halfpenny for every 2 oz. For registered newspapers the rate is a halfpenny for every copy not exceeding 6 oz., and a further halfpenny for every additional 6 oz.; these must be so folded that the title may easily be read, and must be posted either without a cover or in one open so as to admit of easy removal for examination. Nothing in the nature of a letter may be written on a newspaper or its cover, except a reference to any part of the paper and a request for return in case of non-delivery. No packet may be above 2 lb. in weight, 24 in. long, 12 in. wide, or 12 in. deep.

BOOK POST.—The rate for Book Packets is a halfpenny for every 2 oz. This rate is applicable to packets containing printed or written matter not of the nature of a letter; on paper or other substance in ordinary use for printing; books or literary publications, sketches, drawings, paintings, maps, plans, &c.; invoices, advice notes, bills of lading, and similar commercial and legal documents, provided that nothing is written on them except entries proper to such documents; proofs or manuscripts for press, and examination papers under similar conditions, and circulars or printed notices. Circulars may be corrected in writing, and in the case of notices of meeting, the place, hour, date, and objects may also be inserted. (The word "printed" is intended to cover only forms produced in numbers by ordinary mechanical means; imitation type-written circulars are included if in identical terms and posted in numbers of not less than 20 specially handed over the counter at a Post Office and attention called to their nature.) Such packets may be posted either without a cover, or in one open so as to admit of easy withdrawal for examination. The ends may be secured with string, which must be easy to unfasten, but stamps may not be fixed partly to the wrapper and partly on the publication. Limit of size, 24 in. long, 12 in. wide or deep. Limit of weight, 5 lb.

SAMPLES.—The rate for Samples is 4 oz., 1d.; 6 oz., 1½d.; 8 oz., 2d. Limit of weight, 8 oz., and of size, 12 in. long, 8 in. wide, 4 in. deep. Available solely for samples or patterns without saleable value. Packets must be marked "Sample Post," and be made up so that contents can be easily withdrawn for examination. The name, trade, and address of the sender must be printed or stamped on wrapper. Written or printed matter admissible at Book Rate may be enclosed in same packet.

STAMPS are issued at following values: ½d., 1d., 1½d., 2d., 2½d., 3d., 4d., 5d., 6d., 7d., 8d., 9d., 10d., 1s., 2s. 6d., 5s., 10s. and £1. Books containing 18 at 1d. and 12 at ½d. are issued at 2s. each.

EMBOSSSED ENVELOPES.—Halfpenny stamps: Commercial, 5½ by 3½, 1 for ¾d., 6 for 3½d. Penny stamps: A, 4½ by 3½, 1 for 1½d., 5 for 6d.; Commercial, 5½ by 3½, 1 for 1½d., 4 for 4½d.

NEWSPAPER WRAPPERS.—Halfpenny stamp, ¾d. each, 7 for 4d., or 1s. for a packet of 22; Penny stamp, 1½d. each, 8 for 8½d., or 2s. for a packet of 23. Sheets of halfpenny wrappers may be obtained at two days' notice in packets of 120 sheets of 14 wrappers each at £3 16s.

REGISTRATION & INSURANCE.—The fee for registering an Inland Packet of any kind is 2d. in addition to the postage, and in event of loss or damage this covers compensation up to £5, 3d. up to £20, and 1d. for each additional £20 up to £400. The packet must be enclosed in a strong cover, securely fastened, and marked "Registered"; if containing coin, it must (to gain the benefit of the Post Office guarantee) be enclosed in a special Registered Letter envelope sold at all Post Offices at the following rates:—F, 5½ by 3½, 3½d. each, or 2s. 2d. for 8; G, 6 by 3½, 3½d. for 1, 2s. 6d. for 9; H, 8 by 5, or H2, 9 by 4, 3½d. each, or 2s. 6d. for 8; K, 11½ by 6, 4d. each, or 2s. for 6. A registered packet must be given to a Post Office official, and a receipt obtained for

POSTAL INFORMATION—contd.

it, and if, contrary to this rule, a packet marked "Registered" is dropped into a letter box, it becomes liable, on delivery, to a fee of 4d., less any amount prepaid in excess of the postage. Letters containing coin, jewellery, or watches, if posted without registration, are liable to a similar fee on delivery. The latest time for posting is usually half an hour before the box closes for the mail, but at all provincial head offices, and the chief offices in Edinburgh and Dublin, packets bearing a late fee of 4d., plus registration fee, may be registered till the box closes.

POST CARDS.—Two kinds are sold at the following rates: stout cards (4½ in. by 3½ in.), 3d. for one, 6d. for 11; thin cards (5½ in. by 3½ in.), 1d. each, 6d. for 12. Bundles of 110 stout 5s., 240 thin 10s. Uncut sheets of stout cards can be obtained at any Post Office at two days' notice in packets of 120 sheets (containing 42 cards each, or a total of 5,040 cards) for £11 5s. Reply Post Cards are issued at double these rates (stout 1 for 1½d., thin 1 for 1d.), but are not sold in uncut sheets. The official Post Cards, or private cards embossed with a halfpenny stamp by Office of Inland Revenue, may be used for correspondence throughout the United Kingdom, and private cards bearing an adhesive halfpenny stamp may also be used, providing they are composed of ordinary cardboard, and are of about the same size, not less than 4 in. by 2½ in. or more than 5½ in. by 3½ in. Nothing may be attached except gummed labels (not exceeding 2 in. long and ¾ in. wide) bearing the address of the person for whom intended and of the sender, and engravings, photographs, &c., on very thin paper; nor may cards be cut, folded, or altered to reduce the size below 4 in. by 2½ in.

LETTER CARDS.—Letter Cards are sold at 1d. each, 1s. for 12.

GLASS, Liquids, Semi-Liquids, Greases, and Powders may only be sent by post if specially packed.

PARCELS for conveyance within the United Kingdom may be posted at the counter (not in the letter box) of any Post Office. The limit of length allowed is 3 ft. 6 in., and the maximum of length and girth is 6 ft., i.e., a Parcel 3 ft. 6 in. long may measure 2 ft. 6 in. in girth round the thickest part.

The rates of postage, which must be prepaid, are as follows:—

1 lb. 4d.	4 lb. 7d.	7 lb. 8d.	10 lb. 11d.
2 " 5d.	5 " 7d.	8 " 9d.	11 " 1s.
3 " 6d.	6 " 8d.	9 " 10d.	

11 lb. is the limit allowed.

PREPAYMENTS IN MONEY.—At the General Post Office (King Edward Street and Mount Pleasant), London, between 9 a.m. and 4 p.m., and at the principal District and Branch Offices in London between 9 a.m. and 3.30 p.m., as well as at Edinburgh and Dublin and some other large towns between 10 a.m. and 4 p.m., inland Letters, Book Packets, Samples, and Parcels may be prepaid in money, provided that the articles are chargeable with a uniform rate of postage, that the amount is not less than 20s., and that the Letters, Samples, and Book Packets are tied in bundles of postal value of 5s. each, with addresses arranged in the same direction.

FOREIGN AND COLONIAL POSTAL INFORMATION.

LETTERS.—The rate of postage on Letters addressed to British Possessions generally, to the United States, and to the places in Morocco where there are British Post Office Agencies, is 1d. per oz.; to all other Foreign Countries the rate is 2½d. for 1 oz., and 1½d. for each additional oz. No letter may be more than 24 in. long and 12 in. wide or deep.

FOREIGN MAILS.

For Newspapers, Books, Commercial Papers, and Samples to all places abroad.

Newspapers and Books.	Commercial Papers.	Samples.
2 oz. .. 0½d.	10 oz. .. 2½d.	4 oz. .. 1d.
4 " .. 1d.	12 " .. 3d.	6 " .. 1½d.
6 " .. 1½d.	14 " .. 3½d.	8 " .. 2d.
8 " .. 2d.	16 " .. 4d.	10 " .. 2½d.
10 " .. 2½d.	18 " .. 4½d.	12 " .. 3d.

FOREIGN MAIL DATES.

Under the conditions existing at the time of going to press, the Post Office was withholding from publication the days and dates of despatches, and merely gave the frequency of the despatches.

In the subjoined table the number of despatches made per month from the G.P.O., London, is shown by figures in brackets—thus: (1) once a month, (2) fortnightly, and so on. An asterisk indicates a daily mail. The figures at end of line show days in transit (approximate) in normal times, but the time occupied in transit at present is generally longer.

Aden (1)	10	Lisbon*	21
Africa, W., Brit. (6 to 8) ..	12 to 20	Madagascar (2)	24
Alexandria (see Egypt) ..	5	Madira*	4
Algeria*	21	Malta*	2
Amsterdam*	4	Mauritius (2)	21 35
Argentine Repub. (4 or 5) ..	22	Mexico (8)	12
Ascension (1)	14	Montevideo (4 or 5)	21
Azores (2)	8	Mozambique (3 or 4)	25
Bagdad (4)	24	Muscat (4)	17
Bahamas (8)	13	Natal (3 or 4)	21
Barbados (4)	13	*Newfoundland (4 or 5) ..	9
Bechuanaland (3 or 4)	21	New South Wales (2 or 3) ..	33
Belgium*	4	New York (8)	7
Bermuda (8)	13	New Zealand, via Suez ..	37
Bolivia (8)	33	(2 or 3)	
Borneo (4)	33	New Zealand, via San Francisco (1): via Vancouver ..	23
Brazil (4 or 5)	17	Nicaragua (8)	27
British East Africa and ..		Norway*	24
Uganda (2 or 3)	17-19	Nyasaland (3 or 4)	26
Buenos Ayres (4 or 5)	22	Orange Free State (3 or 4) ..	19
*Canada, via U.S. (8): Direct (4)	8-13	Panama (8)	19
Canary Islands*	5-9	Paraguay (4 or 5)	26
Cape of Good Hope (3 or 4) ..	17	Peang (4)	20
Cape Verd Islands (2)	9	Peru (8)	29
Ceylon (4)	16	Petrograd*	24
Chili (1 or 5)	26	Philippine Islands (4)	31
China (5)	29	Portugal*	21
Colombia, Rep. of (9)	17	Queensland (2 or 3)	33
Congo, Belgian (2)	20	Réunion	21
Copenhagen*	14	Rio Janeiro (4 or 5)	17
Costa Rica (8)	16	Rome*	2
Cuba (8)	12	Roumania*	24
Cyprus (4)	7	Russia*	24
Delagoa Bay (3 or 4)	21	St. Helena (1)	17
Denmark*	11	St. Pierre et Miquelon ..	9
Dominica (4)	15	(same as Canada)	9
Ecuador (8)	24	Salvador (8)	25
Egypt (8)	21	Serbia*	3
Falkland Islands (4)	25	Seychelles (1)	19
Faroe Islands (irreg.)	10	Siam (4)	23
Fiji, via Vancouver (2)	21	Singapore (4)	22
France*	4	South Australia (2 or 3) ..	30
Gibraltar*	4	Spain*	2
Guatemala (8)	27	Switzerland*	1
Guiana (4)	15	Tahiti (1)	24
Havana (8)	12	Tanger*	4
Hawaii, Honolulu (8)	20	Tasmania (2 or 3)	22
Hayti (8)	15	Teneriffe*	5-9
Holland*	4	Transvaal (3 or 4)	19
Honduras, British (8)	17	Trinidad (4)	14
Honduras, Republic*	20	Tripoli, Africa*	6
Hong Kong (4)	20	Tunis*	3
Iceland (irreg.)	6	United States (8)	8
India (4)	14	Uruguay (4 or 5)	21
Italy*	2	Venezuela (8)	19
Jamaica (8)	13	Victoria (2 or 3)	31
Japan (5)	26-33	West Australia (2 or 3) ..	28
Jaya (4)	27	West Indies (4)	15
Labuan (4)	22	Zanzibar (2 or 3)	22
Liberia (6 to 8)	22		

† Magazine post to Canada and Newfoundland: 6 oz. 1d.; 1½ lb. 1½d.; 2 lb. 2d.; 2½ lb. 2½d.; 3 lb. 3d.; 3½ lb. 3½d.; 4 lb. 4d.; 4½ lb. 4½d.; 5 lb. 5d.

‡ Letters and post cards are sent via Siberia. The despatches are made daily (about 25 days to Shanghai, 27 days to Yokohama). Printed papers, samples, etc., are sent via Suez as above, and also via Vancouver in the case of Japan.

FOREIGN PARCEL POST.

The parcels rates, for places abroad, and the limits of weight and dimensions, vary. Each parcel must be accompanied by a Declaration (for the Customs) of the contents and value, and to a large number of countries they may be insured at the same rate as for letters, but the insured value is in some cases limited to £20.

MONEY ORDERS, INLAND.

Not exceeding £1	2d.
Exceeding £1 and not exceeding £3 ..	3d.
" £3	4d.
" £10	6d.
" £20	8d.
" £30	10d.

No single Money Order may be issued for a higher amount than £40.

Money may be transmitted by telegraph from any Money Order Office in the United Kingdom which is a despatching office for telegrams, and may be paid at any Money Order Office which is also an office for the delivery of telegrams. The charges are in addition to the ordinary rates for Inland Money Orders, the cost of official telegram to office of payment, and a further fee of 2d. for each order.

MONEY ORDERS, FOREIGN.

Foreign Money Orders are issued in the United Kingdom subject to the regulations of the country of payment. The rate for Orders payable in British Dominions, Colonies, Protectorates, &c., and in any of the Allied Countries or their Colonies, is 3d. for every £1 or fraction. For Orders payable in Neutral Countries or their Colonies the rate is 4d. for every £1 or fraction. The maximum amount allowed for a single Order is £40, but the limit for some countries is less than £40.

POSTAL ORDERS.

Postal Orders are issued at all Money Order Offices. The commission chargeable is: For Orders up to 15s. inclusive, 1d.; from 15s. 6d. to 21s. inclusive, 1½d.

Postage stamps for odd pence not exceeding 5d. in value and 3 in number, may be affixed to the face of Postal Orders as value.

TELEGRAPHIC INFORMATION, INLAND.

The charge for Telegrams written in plain language in any European tongue or in Latin is 9d. for the first 12 words, and 1d. for every additional word; name and address of receiver are counted, and those of sender also, if transmitted.

TELEGRAPHIC INFORMATION, FOREIGN.

RATES FOR ORDINARY TELEGRAMS.

	Per Word	Per Word
Abyssinia	1 7	Mexico .. 1s. 6d. to 40
Aden	0 2 0	Midway Island ..
Albania	0 0 4½	*Montserrat ..
Algeria and Tunis ..	0 0 2½	Morocco .. 2s. 2d. or
Annam	0 3 6	Muscato .. 3d. to
*Antigua 2s. 2d. or	0 2 6	Natal
Argentine Repub. ..	0 2 6	New Britain
2s. 6d. to ..	0 2 9	*New Brunswick ..
Ascension	0 2 6	Australia
Australia	0 3 0	Azores
Azores	0 0 9	*Bahamas 2s. 1d. or
*Bahamas 2s. 1d. or	0 3 5	*Barbados 2s. 2d. or
*Barbados 2s. 2d. or	0 2 6	Belgium
Belgium	0 0 2	*Bermuda 2s. 2d. or
*Bermuda 2s. 2d. or	0 2 6	Bokhara
Bokhara	0 0 4½	Bolivia
Bolivia	0 2 0	Borneo, British ..
Borneo, British ..	0 3 2	Brazil .. 1s. 7d. to
Brazil .. 1s. 7d. to	0 5 1	Burmah
Burmah	0 1 8	*California 1s. 2d. or
*California 1s. 2d. or	0 1 6	Cameroon
Cameroon	0 4 9	*Canada 8d., 1s. to
*Canada 8d., 1s. to	0 3 2	Canary Islands
Canary Islands	0 0 5	Cape of Good Hope ..
Cape of Good Hope ..	0 2 6	Cape Verd Islands ..
Cape Verd Islands ..	0 2 6	2s. 2d. to ..
2s. 2d. to ..	0 3 1	Caroline Islands ..
Caroline Islands ..	0 3 11	Ceylon
Ceylon	0 1 8	Chili .. 2s. 6d. to
Chili .. 2s. 6d. to	0 2 9	China .. 3s. 6d. to
China .. 3s. 6d. to	0 3 9	Cochin China
Cochin China	0 3 0	Cocos
Cocos	0 2 6	Colombia Republic ..
Colombia Republic ..	0 3 2	2s. 9d. to ..
2s. 9d. to ..	0 3 2	*Columbia, British ..
*Columbia, British ..	0 3 2	1s. 2d. or 1s. 6d. to
1s. 2d. or 1s. 6d. to	0 3 2	Comoro Islands ..
Comoro Islands ..	0 2 8	Congo, Belgian
Congo, Belgian	0 2 8	2s. 9d. to ..
2s. 9d. to ..	0 3 1	Corea
Corea	0 3 11	Costa Rica
Costa Rica	0 3 4	Crete
Crete	0 0 5½	Cuba .. 1s. 8d. to
Cuba .. 1s. 8d. to	0 1 10	Caracao
Caracao	0 6 9	Cyprus
Cyprus	0 1 0	Denmark
Denmark	0 0 2½	*Dominica 2s. 2d. or
*Dominica 2s. 2d. or	0 2 6	Dutch East Indies ..
Dutch East Indies ..	0 3 2	E. Coast of Africa ..
E. Coast of Africa ..	0 2 9	1s. 6d. to ..
1s. 6d. to ..	0 2 9	Ecuador
Ecuador	0 2 9	Egypt .. 1s. to
Egypt .. 1s. to	0 1 4	Falkland Islands ..
Falkland Islands ..	0 3 11	Fanning Island
Fanning Island	0 2 6	Faroe Islands
Faroe Islands	0 0 3	Fernando Po
Fernando Po	0 6 0	Fiji .. 2s. 8d. to
Fiji .. 2s. 8d. to	0 2 11	Formosa
Formosa	0 3 11	France
France	0 0 2	Gibraltar
Gibraltar	0 0 3	Greece .. 5½d. to
Greece .. 5½d. to	0 0 6	*Grenada 2s. 2d. or
*Grenada 2s. 2d. or	0 2 6	Guadeloupe
Guadeloupe	0 4 9	Guana Island
Guana Island	0 4 9	Guatemala 3s. 1d. to
Guatemala 3s. 1d. to	0 3 4	*Guiana, British ..
*Guiana, British ..	0 2 6	2s. 2d. or ..
2s. 2d. or ..	0 2 6	Guiana, Dutch
Guiana, Dutch	0 6 9	Guiana, French
Guiana, French	0 6 3	Hayti .. 4s. 4d. to
Hayti .. 4s. 4d. to	0 6 5	Hedjaz
Hedjaz	0 2 6	Holland
Holland	0 0 2	Honduras, British ..
Honduras, British ..	0 2 6	Honduras, Republic ..
Honduras, Republic ..	0 3 4	Iceland
Iceland	0 1 8	India
India	0 1 8	Italy
Italy	0 0 2½	*Jamaica 2s. 2d. or
*Jamaica 2s. 2d. or	0 2 6	Japan
Japan	0 3 11	*Labrador, 10d. to
*Labrador, 10d. to	0 1 2	Labuan
Labuan	0 2 10	Liberia
Liberia	0 4 0	Madagascar
Madagascar	0 2 8	Madira
Madira	0 1 0	Malay Peninsula ..
Malay Peninsula ..	2s. 10d. to	Malta
2s. 10d. to ..	0 3 9	Marie Galante
Marie Galante	0 4 9	Marshall Islands ..
Marshall Islands ..	0 3 3	Martinique
Martinique	0 4 9	Mauritius
Mauritius	0 2 6	Mesopotamia
Mesopotamia	0 2 3	
		Mexico .. 1s. 6d. to
		Midway Island ..
		*Montserrat ..
		Morocco .. 2s. 2d. or
		Muscato .. 3d. to
		Natal
		New Britain
		*New Brunswick ..
		Australia
		Azores
		*Bahamas 2s. 1d. or
		*Barbados 2s. 2d. or
		Belgium
		*Bermuda 2s. 2d. or
		Bokhara
		Bolivia
		Borneo, British ..
		Brazil .. 1s. 7d. to
		Burmah
		*California 1s. 2d. or
		Cameroon
		*Canada 8d., 1s. to
		Canary Islands
		Cape of Good Hope ..
		Cape Verd Islands ..
		2s. 2d. to ..
		Caroline Islands ..
		Ceylon
		Chili .. 2s. 6d. to
		China .. 3s. 6d. to
		Cochin China
		Cocos
		Colombia Republic ..
		2s. 9d. to ..
		*Columbia, British ..
		1s. 2d. or 1s. 6d. to
		Comoro Islands ..
		Congo, Belgian
		2s. 9d. to ..
		Corea
		Costa Rica
		Crete
		Cuba .. 1s. 8d. to
		Caracao
		Cyprus
		Denmark
		*Dominica 2s. 2d. or
		Dutch East Indies ..
		E. Coast of Africa ..
		1s. 6d. to ..
		Ecuador
		Egypt .. 1s. to
		Falkland Islands ..
		Fanning Island
		Faroe Islands
		Fernando Po
		Fiji .. 2s. 8d. to
		Formosa
		France
		Gibraltar
		Greece .. 5½d. to
		*Grenada 2s. 2d. or
		Guadeloupe
		Guana Island
		Guatemala 3s. 1d. to
		*Guiana, British ..
		2s. 2d. or ..
		Gu

PARCELS RATES

(CORRECTED TO TIME OF GOING TO PRESS).

Great Northern, Great Western, Midland, London and North Western, and London and South Western Railways.

Table with columns for Weight (lb.), Distance (miles), and Rate. Rows include 7, 14, 24, 28, 32, 36, 40, 44, 56, 68, 84, 92, 96, 112.

South Eastern and Chatham Railway.

Table with columns for Weight (lb.), Distance (miles), and Rate. Rows include 7, 14, 24, 28, 32, 36, 40, 44, 56, 68, 84, 92, 96, 112.

Booking fee, 2d.

Great Eastern Railway.

Table with columns for Weight (lb.), Distance (miles), and Rate. Rows include 1, 2, 3, 4 to 24, 25 to 28, 29 to 32, 33 to 36, 37 to 40, Excess above 40.

Farm Produce in boxes, at owner's risk, not ex. 60 lb.: 20 lb., 4d.; above 20 lb., 5 lb. 1d. Fractions of a penny are charged as a penny. Each parcel is charged separately.

Brighton and South Coast Railway.

Table with columns for Weight (lb.), Distance (miles), and Rate. Rows include 7, 14, 24, 28, 32, 36, 40, 44, 56, 68, 84, 92, 96, 112.

Pickfords, Ltd.

Table with columns for Weight (lb.), Distance (miles), and Rate. Rows include 4 lb., 7, 14, 28, 56, 84.

Every additional 28 lb. (or part) 3d. These rates are subject to a War Levy of 25%.

London Parcels Delivery Co., and Carter, Paterson & Co., Ltd.

Table with columns for Weight (lb.), Distance (miles), and Rate. Rows include 4 lb., 7, 14, 28, 56, 84.

Every additional 28 lb. (or part) 2d. These rates are subject to a War Levy of 25%.

SCOTCH RAILWAY RATES.

North British, Caledonian, and Glasgow and South Western Railways.

Table with columns for Weight (lb.), Distance (miles), and Rate. Rows include 4, 5, 6, 7, 9, 10, 12.

BANK TRANSFER DAYS, &c.

Transfer Days are Mon., Tues., Wed., Thurs., and Fri. Instructions for Transfers received 9 a.m. to 12.15 p.m. (12.15 to 2 p.m., fee 2s. 6d.) Transfers must be executed between 10.30 and 2 p.m. Transfers can be accepted 9 a.m. to 3 p.m. (9 to 1 on Saturdays). Transfers can be

MEAN TIME OF HIGH WATER AT LONDON BRIDGE, 1918.

Large table with columns for Month (January to December) and Day of Month (1 to 31). Rows show H.M. and A.F.T. times for each day.

Predicted Tides for London Bridge are calculated by Mr. Edward Roberts, I.S.O., F.R.A.S., by the method of Harmonic Analysis of observed tides. Whilst every care is taken in the preparation of these tables, the Publishers are not responsible for any inaccuracy.

HIGH WATER AT OTHER PORTS.

The following list shows the approximate difference of Time between London and some of the ports of the United Kingdom, as well as a few foreign ports, and is derived from Local Tide Tables and the best books on Navigation:—

Table listing various ports (Aberdeen, Aberdeen Pier, Banff, etc.) and their corresponding time differences from London.

NOTE.—To find time of High Water at any of above places, add or subtract the time in above Table to or from that of High Water at London for the day required. Example.—On January 15th, afternoon, High Water at Lon. B. is 3h. 48m.; High Water at Dover is 2h. 46m. earlier; subtract 2h. 46m. from 3h. 48m.; and time at Dover on that day is shown to be 1h. 2m. p.m.

WEIGHTS AND MEASURES—contd.

SQUARE MEASURE.

144 Sq. Inches = 1 Square Foot.
9 Sq. Feet = 1 Square Yard.
30 1/2 Sq. Yards = 1 Square Perch.
40 Perches = 1 Rood.
4 Roods = 1 Acre (4,840 sq. yds.).
640 Acres = 1 Square Mile.

SURVEYORS' MEASURE.

62-7264 Sq. Inches = 1 Sq. Link.
625 Sq. Links . . . = 1 Rod, Pole, or Perch.
10,000 Sq. Links = 1 Chain.
25,000 " = 1 Rood.
10 Sq. Chains . . . = 1 Acre.

CUBIC MEASURE.

1728 Cubic Inches = 1 Cubic Foot.
27 Cubic Feet = 1 Cubic Yard.
(3/4 of a Cubic Metre.)
40 Cubic Feet unhewn timber, or 50 Feet squared = 1 Ton or Load.
108 Feet = 1 Stack.
600 Sq. feet 1 in. plank, 400 1/2 in., or 300 2 in. = 1 Load.

YARN MEASURE.

2 Yarns = 1 Thread.
40 Threads = 1 Lea or Warp.
7 Leas = 1 Hank.

WOOL MEASURE.

1 Clove = 7 lbs.
1 Stone = 2 Cloves, 14 lbs.
1 Tod = 2 Stone, 1 qr.
1 Wey = 6 1/2 Tod 1 cwt.
2 qrs. 14 lb.
1 Pack = 240 lbs.
1 Sack = 2 Weys 13 qrs.
1 Last = 12 Sacks 39 cwt.

ANGULAR MEASURES.

60 Seconds (") .. = 1 Minute.
60 Minutes (') .. = 1 Degree.
30 Degrees (°) .. = 1 Sign.
90 Degrees = 1 Quadrant.
360 Degrees = 1 Circle.

MISCELLANEOUS.

Bread, quarter loaf = 4 lbs.
Bricks, load of = 500.
Butter, firkin of = 56lbs; barrel = 224lbs.
Coals, Sack, 2 cwt.; Small do., 1 cwt.
Coke, Sack = 1 cwt. (about 3 bushels).
" Chaldron = 12 sacks (12 cwt.).
Flour, barrel, 196 lbs.; sack, 280 lbs.; peck, 14 lbs.
Glass, Seam of = 120 lbs.
Hay, Old, load = 36 trusses (18 cwt.).
" " truss = 56 lbs. (32 lbs.).
Do., " New, load = 36 trusses (19 cwt.).
" " truss = 60 lbs.
Hops, pocket of = 1 1/2 to 2 cwt.
Paper, quire = 24 sheets.
" ream = 20 quires.
Parchment, roll of = 60 skins.
Potatoes, sack of = 168 lbs.
Raisins, box of = 56 lbs.
" barrel = 112 lbs.
Soap, soft, firkin = 64 lbs.
" barrel = 256 lbs.
Straw, load = 36 trusses (11 cwt. 64lbs.).
" truss of = 36 lbs.
Tea, chest of, Congou = 80 to 100 lbs.
" " Hyson = 60 to 80 lbs.

FRENCH WEIGHTS & MEASURES.

1 Gramme . . . = 15.43 grains.
1 Kilogram . . . = 2 lbs. 3 1/4 ozs.
1 Ounce Troy . . = 31.1 grammes.
1 Ounce Avoir . . = 28 1/2 grammes.
1 Pound = 453 1/2 grammes.
1 Quarter = 12.70 kilogr.
1 Ton = 1016 kilogr.
1 Metre = 39 3/8 inches.
1 Kilometre . . . = 1093 1/2 yards.
1 Yard = 91 1/2 centimetres.
1 Aune (interdicted) = 47 inches.
1 Litre = 1 1/2 pints.
1 Pint = 56 3/4 centilitres.
1 Gallon = 4.54 litres.
1 Franc per Kilogr. = 4 1/2 d. per lb., or 40s. 7 1/2 d. per cwt.
1s. per Pound = 2 fr. 76 c. per kilog.
1 Franc per Metre = 8 1/2 d. per yard.
1s. per Yard = 1 fr. 37 c. per metre.
1 Franc per Litre = 3s. 7 1/2 d. per gallon.
1s. per Gallon = 27 1/2 cts. per litre.
1 Franc per Aune = 7 1/2 d. per yard.

READY RECKONER AND MARKETING TABLE.

Table with 15 columns (No., 1d., 2d., 3d., 4d., 5d., 6d., 7d., 8d., 9d., 10d., 11d., No.) and rows 1-100. Each cell contains a value in s. d. format.

INCOME AND WAGES TABLE.

Table with 12 columns (Per Year, Per Mth., Per Week, Per Day, Per Year, Per Month, Per Week, Per Day, Per Year, Per Month, Per Week, Per Day) and rows for various rates in £ s. d. format.

The rates for 2 to 18 guineas are given in the table; above this add to the pound rate 1d. per month or 1/4 d. per week for each guinea.



11 FRIDAY [11-354]
Hilary Law Sittings begin.

6.35 P.M. ...
 In both *B. pilicornis* ...
 to be ...
 The fly ...
 might ...
 the lip ...
 the base of the lip ...
 and downwards ...
 and imprisoning ...
 as almost ...
 picking up some of the ...
 the base of the lip ...
 will strike against the anther, ...
 carried away ...
 the base of the lip ...
 when the apex of the lip is suddenly forced forwards and down ...
 throwing off the insect. On visiting the next flower the same thing will
 occur but when on its struggle to free itself the insect strikes its
 thorax against the stigma, the pollinia will remain on the stigma and
 fertilize the flower.

12 SATURDAY [12-353]
● New Moon, 10.36 p.m. S.R. 8.5, S.S. 4.12.

B. pilicornis. Though the flowers of this species may also be
 fertilized by the direct agency of insects, I think that in the majority
 of cases fertilization ~~is~~ of the flower is effected by its own pollen.
 The flower is a widely expanded one with a large broad stigma
 and there can be no question of the imprisonment of an insect. The
 what was observed however on several occasions was as follows.
 Soon after the opening of the flower the stigmatic juices are produced in
 great quantity so that they first stand high above the edges of the
 stigma and finally overflow onto the column foot. At the same
 time it was seen that with every jerk given to the flower by the advent
 of insects (wind, etc.), the anther became gradually
 opened backwards upon its filament while the pollinia were first
 loosened and finally dislodged being shot upwards and then falling.
 It would be easy for the pollinia in falling, to be arrested on the
 stigma, and considering the ~~open~~ structure of the flower I am of
 opinion that it would also be more reliable than fertilization by
 insects.

13 Sunday [13-352]
1st after Epiphany.

30 Days—Feb. 16.
60 Days—Mar. 18.
90 Days—April 17.

JANUARY, 1918.

1st Month.

14 MONDAY [14-351]

15 TUESDAY [15-350]

31 Days.

JANUARY, 1918.

JAN. 14 to 17.

OBERONIA

16 WEDNESDAY [16-349]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

17 THURSDAY [17-348]

[Faint handwritten notes]

- 1. Cotton...
- 2. ...
- 3. ...
- 4. ...
- 5. ...
- 6. ...
- 7. ...
- 8. ...
- 9. ...
- 10. ...
- 11. ...
- 12. ...
- 13. ...
- 14. ...
- 15. ...

[Faint handwritten notes]

[Faint handwritten notes]

9 BILLS DUE WITH GRACE.
30 Days—Feb 20.
60 Days—Mar. 22.
90 Days—April 20.

JANUARY, 1918.

1st Month.

18 FRIDAY [18—347]

19 SATURDAY [19—346]
D *First Quarter, 2.38 p.m. S.R. 7.59, S.S. 4.23.*

20 Sunday [20—345]
2nd after Epiphany.

5 E. *Lachnocheilus* *separis lanceolate* *acuminata* a shorter elliptic petals many-nerved, lip narrow-pubescent, side lobes short, margin wavy disk densely softly spiny. Upper Burma; S. Maypoung, Herb. Ind. *Duber* 8. *Stem* 4-6 in. *Leaves* 2 linear-lanceolate, acuminate, *scape* with 10-15 flowers, sheaths 2-3-nerved; raceme 6-8 fld; bracts 2-3 in, membranous, linear-lanceolate, subperianthial. lateral sepals inserted at the base of the column; lip shorter than sepals; hypochile obtuse cylindrical; column rather long. *Chale*; *apic* short.

25 FRIDAY [25-340]
Conversion of S. Paul.

6 E. *Bracteosa* *kind. in coll. Cal. 7306; gen. esp. orchid. 180; in gen. his soc. III 23; bract* rounded, petals broadly obovate very many-nerved lip narrowly obovate-oblong, obscurely 3-lobed, crenulate veins. E. *grandiflora*, Lindl. *pan + spe. orchid. 181.* *Himalia hills, altitude about 4000 ft (9000 ft) Blittagong, (Sikkim) Deusserville, alt. 3,500 ft. (F. & S. Stem 4-6 in sheathed. Leaves 1-3, 10-18 in. petiole 2, 3-nerved. Scape stout, shorter than leaves, clothed with long sheaths; raceme short, bracts 1-1 1/2 in; sepals 2, yellow lip white & lilac streaked; apic short, obtuse. Sepals 1 in - slenderly lobed. habit of flower for grandiflora is no doubt an error.*

26 SATURDAY [26-339]
S.P. 7.51, S.S. 4.35

7 E. *Alata* *bracts squalling* the ovary, sepals pale to lanceolate acuminate 5-nerved, petals elliptic, lanceolate obtuse strongly 5-nerved, lip narrowly ovate-oblong, obtuse entire disk with 3 slender nerves. *bracts 2-3 in; sepals 2, yellow lip white & lilac streaked; apic short, obtuse. Sepals 1 in - slenderly lobed. habit of flower for grandiflora is no doubt an error.*

8 E. *Explanata* *bracts shorter than ovary* sepals elongate obovate subhence broader elliptic petals 5-nerved, lip subpendulous, base with spreading lobes, disk with 2 short crenate lamellae *bracts 2-3 in; sepals 2, yellow lip white & lilac streaked; apic short, obtuse. Sepals 1 in - slenderly lobed. habit of flower for grandiflora is no doubt an error.*

27 SUNDAY [27-338]
Septuagesima. Full Moon, 3.14 a.m.

88

12. E

Mannii

Hook. f. Bot. Beecheyana [30-335] Scapes tall, raceme many
 flds, bracts shorter than ovary, sepals 5, long lanceolate
 acute, many-nerved, petals 5, broad
 many-nerved, lip rhomboid, ovate obtuse, broad
 lobed, disk with branching crests. Cypripedium
 Mannii (Reiche) f. in Abstr. 1872. 274.
 Upper Ariz. Mannii
 leaves 12-14 in. narrowly linear lanceolate.

Scapes with raceme 3 ft; sheath appressed, acute
 bracts 4-5 in, ovate lanceolate, sepals 2/3 in
 long lip shorter, spur conical. column
 ** Flowers appearing long before the leaves (I have
 not seen leaves of any species, of this subgenus)

13. E

Campestris

(Wall. cat. 7617; bracts variable, raceme many flowered
 sepals 2-3 in. linear-lanceolate acute 5
 petals oblanceolate 3-5 nerved, lip curved above
 or oblong, side lobes orbicular
 quadrate or oblong crenulate, disk with 3 central
 nerves, small tubercles at base & tubercles on
 middle lobe. Hook. f. Bot. Beecheyana [30-335]
 No. 24. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7367. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7368. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7369. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7370. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7371. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7372. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7373. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7374. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7375. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7376. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7377. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7378. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7379. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7380. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7381. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7382. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7383. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7384. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7385. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7386. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7387. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7388. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7389. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7390. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7391. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7392. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7393. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7394. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7395. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7396. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7397. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7398. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7399. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]
 No. 7400. Cypripedium campestris (Hook. f.) Reiche. Bot. Beecheyana [30-335]

Scapes 6-8 in. stout or slender from a depressed
 base, sheath appressed, acute; flowers
 larger than ovary, sepals slightly attached to the
 base of the lip, orbicular, in breadth, acute or
 emarginate, yellow or green striped with pink.
 petals narrower; lip long, sepals, side lobes
 rounded or subacute, middle lobe
 spur conical, subclavate or subcapitate, column
 rather slender. Capsule ellipsoid. *Cypripedium*
 of *E. humile* is rather tubercles, the spinules

14. E

Stenopetalum

Hook. f. Bot. Beecheyana [30-335] Scapes tall, raceme many
 flds, bracts shorter than ovary, sepals 5, long lanceolate
 acute, many-nerved, petals 5, broad
 many-nerved, lip rhomboid, ovate obtuse, broad
 lobed, disk with branching crests. Cypripedium
 Mannii (Reiche) f. in Abstr. 1872. 274.
 Upper Ariz. Mannii
 leaves 12-14 in. narrowly linear lanceolate.
 Scapes with raceme 3 ft; sheath appressed, acute
 bracts 4-5 in, ovate lanceolate, sepals 2/3 in
 long lip shorter, spur conical. column
 ** Flowers appearing long before the leaves (I have
 not seen leaves of any species, of this subgenus)

28 Days.

C. Gardneri Swartz, num 302. *C. myrsinoides*

FEBRUARY, 1918.

FEB. 1 to 5.

Lindl. in Jour. Bot. Soc. III 32. *C. laeviflora*, Swartz 5.
Roiyaite & Plectum, Herb. Ham. ? Pheed
Hort. Kalm. 4 MONDAY [35-330]
(Last Quarter, 7:52 a.m.) 26.

Tropical Himalaya, from Nepal eastwards
Assam, the Khasia Hills, Manipure, Pegu
& Tenasserim. Also in
Decan Peninsula. From the Concan southward
Ceylon; in the Central Province.

Stems large. Leaves 10-14 in, elliptic-lanceolate
very variable in breadth. Scape 1-3 ft. stout;
sheath appressed; bracts rarely equal
sepals; lobes; mentum rounded or conical. Lip
shorter than sepals. Capsule 1/2 in. In flower
there may be note than the species here to grow
as the differences in colour of flowers from pale
& very fleshy. flowered species or variety
(*C. Bourneana*, Dicks n. 33.) from the Kaituma Dell.
(Andhra) with a root as large as the first)
the lip with a shallow notch
pointed shaggy disk, its sepals are green &
petals slip white.

19. E. Lindl. in Bot. Rec. 1841. Misc 77.

Squalida.
Hook. f. Raceme long, densely many fld.
sepals linear-oblong, acute undulate, petals
obovate, many nerved, lip obovate-oblong
side lobe narrow, middle lobe large
crisped, two lateral nerves forming long
call. at the base of the disk with the median
nerve bifurcated in the middle. Cystoperis

bicarinata, Lindl. in Bot. Rec. 1841. Misc 77.
189. in Jour. Bot. Soc. III 31. (in part) Griff.
Epipactis (?) bicarinata, Herb. Ham. Cymbidium
Griff. Bot. III 343. 209. *C. laeviflora* T. 320. F. 3 (plate)
Sikkim Himalaya, East Garo (Hamilton)
Khasia Hills. at 2000 ft. (Clarke)
Assam. (Watt). Nepal, Burma, Griffith
Showering before leafing. Scape 8-30 in
stout & slender; sheath inflexed; bracts slender
stout & long; inflorescence racemate, purplish
brown, greenish or yellowish, sepals 1 1/2 in long
lip longer than sepals, tip rounded or
apex conical obtuse. Stamens 4 or 5
with pink. I have not seen flowers after stretched
days but describe them, he said flowers are
purple & brown & lip broadly lobed & apical

18. E. Hook. f. flowering with dense, raceme
Candida. Scape many fld. bracts shorter than the ovary,
sepals linear-oblong, petals shorter elliptic obtuse,
middle lobe large orbicular
crisped, slender disk as in *C. bicarinata*. Cystoperis
Lindl. in Jour. Bot. Soc. III 31 (in part).
Sikkim Himalaya, alt. 3-4000 ft. D. C. n. 33

C. holochila Coll. & Mem. by Swartz. Lindl. in Bot. Rec. 1841. Misc 77.
Lip longer than sepals, tip rounded or apical
sepals linear-oblong, petals shorter elliptic obtuse,
middle lobe large orbicular
crisped, slender disk as in *C. bicarinata*. Cystoperis
Lindl. in Jour. Bot. Soc. III 31 (in part).
Sikkim Himalaya, alt. 3-4000 ft. D. C. n. 33

28 Days.

flowers in diam reddish sepals adnate to the foot
with columnar nerves at base, the lip; lip much
shorter than **FEBRUARY, 1918.** FEB. 6 to 10.
above the broad rounded base, then dilating
into the rounded middle
crisp & cre
8 FRIDAY [39-326]
Half Quarter Day.

25 E.

Dauquieria. Hook. f. flowers large, sepals ovate-lanceolate
acuminate, petals short elliptic apiculate
many nerved, lip short, side lobes rounded,
middle lobe orbicular or ovate, disk with many
crenulate nerves. *Cyrtopera dauquieria* Lindl
in Journ. Linn Soc III 32. Bot. Mag 6161.
Sikkim & Bhutan Himalayas. p. 518 ff
Phasia Hills alt. 5000 ft. (main).
Flowering before leafing. Scape 6-12 ft. above,
sheaths loose. Raceme 6-12 ft. bracts slender,
about equalling the
diam; disk red purplish or brown; lip white,
pink or green; spur large, broad, obtuse; pit
top of anther obscurely notched, pollen
leaves unknown. C. R. R. Pa. Thw. Fern. 302

26. E

Andamanensis Recl. f. in *Dora* 1872. 276. raceme lax-flt, bracts
short, sepals linear-lanceolate 3-5 nerved
acuminate, petals rather broader obtuse 3-4
side lobes of lip obtuse, middle lobe large
broadly clavate orbicular crisped retuse,
disk with the 3 median nerves thickened between
the side lobes all other nerves thin & diverging
and much branched. 9 SATURDAY [40-325]
S. 7. 20. S. 5. 0.

Denasserim: at Moulemin, (Paris) Andaman Is.
Stem at base tuberosus, with thick roots.
Leaves short during flowering, linear-lanceolate
Scape 1-2 ft; sheaths short; bracts shorter
than the pedicels; sepals 2/3 in long; lip
shorter than sepals, white with green edges and
nerves; spur conic, obtuse; anther 2
This much resembles *E. virens*, but the
leaves are much broader, and the column
produces into a foot.
Species unknown to me.

Cyrtopera Ruffa, Thwaites, *Em.* 302; rootstock tuberosus, leaves
not seen, scape 2 ft, reddish, sheaths 3
distant, bracts narrowly lanceolate equalling ovary, fls
rufous 2 in diam, sepals oblong-lanceolate acute
rather longer than the obovate acute petals, lip
cucullate nerves within palare, side lobes obtuse
middle lobe as long rounded apiculate spur about
obtus, column 10 Sunday [41-324]
in the middle *Quinquagesima.*
capsule 2 1/2 in long. or low Ceylon
at Hantani alt. 3000 ft - (Thwaites. C.P. 3566).

E. atro-virens, Lindl. Gen. & spec. orchid 103 described by Lindley from a
drawing made by Willd in Calcutta garden, whence supposed
to be a native of India, is a Mauritian species.
anomophylla. Spens. novae in Baker's *Dora* of Mauritius
Page 360 (where erroneously confounded with the Brazilian *E. ...*)

D. lewis.

11 MONDAY [42-323]

● New Moon, 10.5 a.m.

Habitat. Jungle and hampong and all over the Peninsula. Very abundant generally.

Flowering period. ● Continuous throughout the year. Flowers open singly, each flower lasting from 7-10 days.
 In 1922 a one large plant produced 76 flowers from Dec. 25th to September 9th & continued to do so.

Vegetation

which are rarely but of late in winter...
 ...
 ...

Eulophia sp. *Trimen* Cat. Pl. Belg. 89. (P.P. 3958) Not named or described.

I fail to recognize the following *Eulophias* described in *Fuffillia rotunda* vol. III, p. 162, & *Do. P. 285*, p. 2, p. 263 & *285*, p. 2, p. 266 & *285*, p. 3, p. 250 & *285*, p. 2.

? *Bletia bicolora* Don. *Prodr.* 30; *Limnorchis bicolor* (Ham. n. sp.) Nepal. Sep. 12th erect herb, rarely; Rac. 6-8-fl.; Fr. pale; lip 3-lobed subimbricate, abruptly emarginate & acute, at base lobes rounded, middle lobe largest, crisped glab.; S. + p. ell. mucronulate; Col. 5, adnate to the column, the process; poll. 4 parallel long.

D. crumenata

(Pigeon orchid)

12 TUESDAY [43-322]

Shrove Tuesday

Habitat. Jungle and hampong, gardens etc. all over the Peninsula. Very abundant generally.

Flowering period. At intervals of 3-6 weeks throughout the year. Flowers are open for one day, opening at sunset and fading in the afternoon. The flowers have a faint sweet scent very attractive to bees.

cannot be fertilized by pollen from other flowers of same plant. vide

Flowers	Pollinia removed	Pollinia on stigma (2 per)	Capsules
Alone taken on 4 flowerings	33	22	16
Details of above	28	10	25
	7	7	26
In addition	10	5	26

Plants isolated fully half a mile from garden, but of less class.

The flowers only last one morning so that if the morning breeze or any fog will be fertilized. Only a small percentage of flowers produce capsules under normal conditions, but a much higher percentage of the seeds produce plants than in most orchids. The plants can however throw off young plants developed from nodes on the stems, many of which bear a footstalk on the stem. It is generally the old stems which are post-flowering which produce such buds, or an unhealthy plant.

[Faint handwritten notes and bleed-through from the reverse side of the page.]

D. ...

13 WEDNESDAY [44-321]

Ash Wednesday.

... continuous ... both flowers ...

40. *Cymbidium*. (Swartz)

rarely terrestrial. stem very stout, rarely elongate ... pseudobulbous; roots tufted. Leaves very long, narrow & concave, rarely short. ... Red; flowers often large in suberect or drooping racemes. Sepals ... petals free, erect or spreading. Lips sessile at the base of the ... upwards, base concave, side lobes erect, middle recurved; ... with usually 2 pubescent median ridges. Column long, foot 0, anther 1- or imperfectly 2- celled; ... ovary 4, subglobose or pyramidal, sessile on the broad strap or gland ... tropical & subtropical, on the mountains of Asia, with a few African & Australian. Leaves rudimentary or 0.

J. C

Macrorhizon Lindl. fr. ... root stock ... bracts narrow membranous.

14 THURSDAY [45-320]

D. ...

Habitat. In mountainous ...
Flowering season. Short racemes, 2-8 flowered. Rain intervals. Racemes last about 3-5 days.

May, July ... I have 2 plants which ...
have not flowered for since 1922.

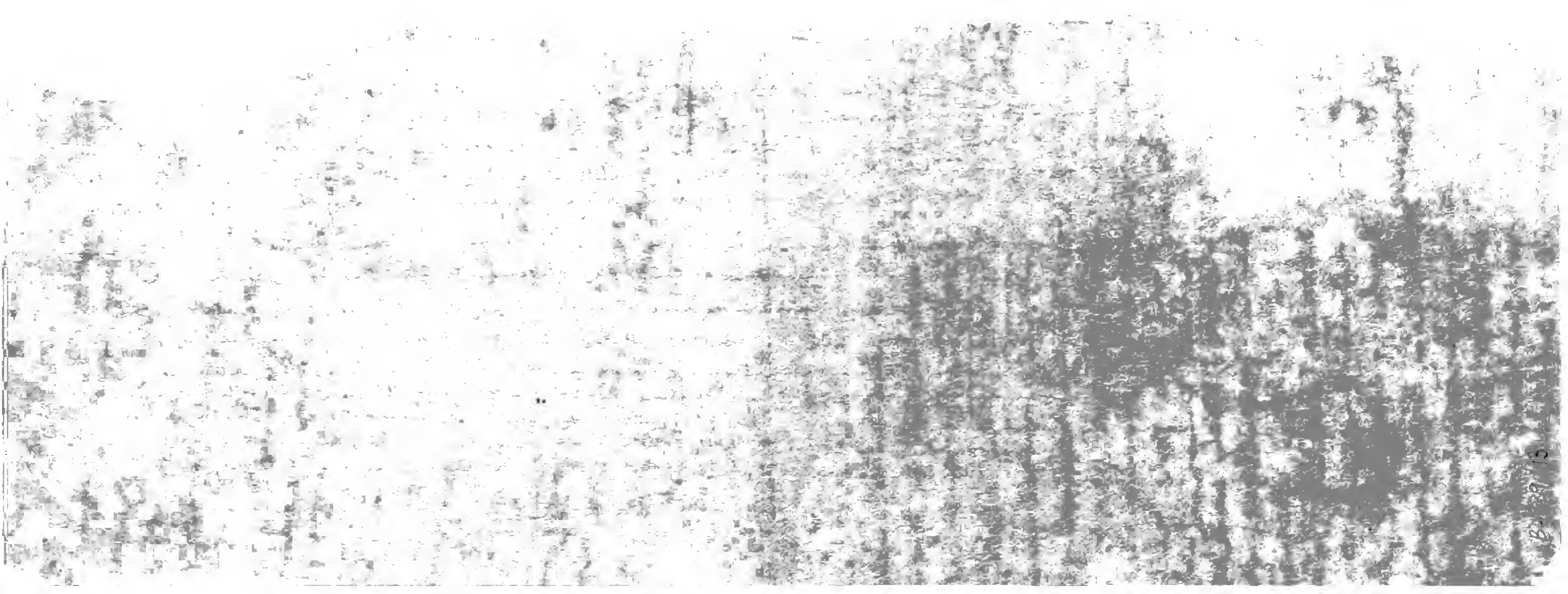
N. W. India (Doyles Dale) ... 5-6000 ft.

Rootstock as thick as a goose-quill, branched. ... raceme very short, with the raceme 6-9 in, ascending 6-8 fld; basal sheath short, or elongating to 2 ... bracts 1/2-2 in, narrow, membranous, pedicel with ... flowers ... sepals linear, lanceolate, acuminate or rather broader, petals white or pale yellowish with pink ... lip white spotted crimson ... middle ovate obtuse, disk with 2 ... anther papillose; pollinia 1, subcylindrical - 2 ... species ... Clarke, Lindl ...

J. C

Sikkim Himalaya, ... 6000 ft. J.D.H. ... Rootstock ... with many obtuse basal sheaths ... higher up 9 in. long; ... rather stout ... bracts 1/2 in, pedicel with ... dorsal sepal linear-oblong obtuse; lateral lanceolate, acute subobovate; petals elliptic, acute; lip as ... long.

The flower is white except for a yellow patch on the center of the lips and the small orange nectary at the base of the column foot.
The lip conforms to the shape of the column with some markings, with the column ^{foot} ^{at the bottom of which is the nectary.}
The sides of the lip are large and ^{are} ^{curved} ^{and} ^{are} ^{close} ^{to} ^{the} ^{sides} ^{of} ^{the} ^{tube} while the distance of the middle from the center is only about 1/6 of an inch. ^{The} ^{column} ^{is} ^{slightly} ^{higher} ^{than} ^{the} ^{top} ^{of} ^{the} ^{column} ^{so} ^{that} ^{nothing} ^{happens} ^{to} ^{the} ^{latter} ^{when} ^{the} ^{anther} ^{enters} ^{the} ^{stigma} ^{the} ^{top} ^{of} ^{the} ^{stigma} ^{is} ⁱⁿ ^{the} ^{center} ^{of} ^a ^{white} ^{ovoid} ^{fruit} ^{enclosed} ^{by} ^a ^{very} ^{thin} ^{membranous} ^{covering} ^{which} ^{is} ^{attached} ^{to} ^{the} ^{bottom} ^{of} ^{the} ^{flower} ^{and} ^{is} ^{fastened} ^{on} ^{the} ^{nectary} ^{substance} ^{again.}
The distance between the top anther and the lip is so small that the anther is almost in contact with the stigma. The anther is thus, near the stigma and the pollen is forced out against the stigma. ^{The} ^{pollen} ^{is} ^{drawn} ^{into} ^{the} ^{stigma} ^{as} ^{the} ^{anther} ^{is} ^{drawn} ^{back} ^{and} ^{the} ^{pollen} ^{is} ^{deposited} ^{on} ^{the} ^{stigma} ^{surface.} ^{So} ^{anthesis} ^{is} ^{accomplished} ⁱⁿ ^{the} ^{center} ^{of} ^{the} ^{stigma.} ^{Some} ^{of} ^{these} ^{had} ^{been} ^{held} ^{by} ^{the} ^{lips} ^{the} ^{pollen} ^{was} ^{standing} ^{out} ^{at} ^{right} ^{angles} ^{to} ^{the} ^{stigma} ^{surface.}



30 Days—Mar. 20.

60 Days—April 19.

90 Days—May 18.

15 FRIDAY [46-319]

D. ...

Habitat

...

Flowering period

...

... Rhombic-ovate side lobes obscure rounded narrowed into the very short ... mid lobe, disk without ridges but with two obscure rounded calli - a very distinct species overlooked by Lindley when studying my ... orchids or mixed up with *C. albifolium*.
 Leaves elliptic-lanceolate.

3
lanceifolium

Hook. Epot. d. T. 51; leaves long petioles plicate, scape shorter than leaves few fld, bract lanceolate shorter than ovary flowers long - pedicel ... disk of glabrous lip with two median lamellae between the side lobes. Lindl. Gen. & Sp. Orchid. 164 in journal Lin. Soc. III 30, Wall. Cat. 7351, Radd. Bot. Cat. 927
C. fibroni Paxton Bot. Mag. III 618. fig 301. Walp. Ann VI 1623
C. javanicum, Blume Bijdr. 380; Kuhn. Bot. 170. fig. 1
 plant. asiat. T. 300. fig. 1
 subtropical Himalaya. from Nepal to Sikkim. Khaz. Hill alt. 4-6000 ft. (fig. 1) at Perak. alt. 2-4000 ft. (fig. 2)
 (see list in ...)
 stem ... fleshy, ... sheath ovate-lanceolate acuminate; roots ... thick spongy. Leaves

16 SATURDAY [47-318]
 S.R. 7.16, S.S. 5.13.

D. ...

Habitat

On trees near the sea.

Flowering period

Rainie's flower during February; March & April ... A volume of 105 flowers commenced to bloom on March 15th 1900. By the 22nd all the flowers were open and by April 10th had withered. Another volume of 34 flowers commenced flowering on March 17th was in full bloom on the 25th and over on April 6th

...

... petal ... white ... Scape reddish, 6-8 fld; bract lanceolate, shorter than ovary, flower ... petals yellowish ... white with faint ... lip white spotted with red-purple, side lobes ... midlobe ovate obtuse

4
C. ...

... 5457; bract ... petioled very ... scape with raceme longer than leaves, bract lanceolate, shorter than ovary, flower ... disk ... on the ... (white)
 ... tip contracted.
 Leaves 3-5 in, recurved, petiole ... Scape suberect, with the raceme 6-8 fld, 3-5 fld; bract ... with ovary ... petals subsimilar; ... spotted red, side lobes ... rounded.
 ... gland ... acute.

17 SUNDAY [48-317]

28 Days.

FEBRUARY, 1918.

FEB. 15 to 19.

18 MONDAY [49-316]
D First Quarter, 0.57 a.m.

5. *C. Devonianum*

Base of leaf, petiole x 97. cm is. Leaves shortly petio
 thickly coriaceous, petiole
 with recumbent ~~leaves~~ 3-5 fls; sheaths fol; bracts
 small, smooth petiole pedicel with ovary 1-1/2 in
 flowers 2-2 1/2 in diam; petals linear
 dull yellow green; petals and bracts
 as the base of the leaf, tip rounded
 erect, multiple oblong, tip rounded apiculate
 acute smooth; pollinia 3 angular, gland broad
 triangular obtuse base acute
 as long as leaves drooping very many fld.
 bracts very small, pedicel very short, dist of
 lip with two sloped ridges with
 between the side lobes. (Name orch. also 170
 Quib. p. in. f. d. Chon. 1881. 1395
 (name) Rhasia Hill (fiber) on
 rolling rock at 5000 ft. D. H. & T. T.
 stem very stout at base; sheath pseudo bulbous
 leaves 6-12 in. narrowed into a petiole
 scape very stout 8-10 in. basal sheath
 flowers 4-6 in. pedicel with ovary 1/2-3/4
 in. diam. petals linear, tip rounded
 acute smooth; pollinia 3 angular, gland broad
 triangular obtuse base acute

D. p. Pandanuli
Habitat.

19 TUESDAY [50-315]

Very small. Abundant at Rhasia Hill
 fronds growing on Rumbia palm
 All the year round.
 The structure of the flowers of this species presents some exceedingly interesting characters
 the upper anther, situated in a position similar to that of the lateral ones, the remains of
 the two lateral anthers. The actual anthers, however, are wanting, but their former position
 is very clearly shown in the vicinity of the upper anther, provided or 'arms'.
 In the present species however, this general suppression of the lateral anthers in all
 respects other than the upper one appears to have been checked.
D. Pandanuli possesses all three anthers, but whereas the upper anther is complete
 with two lobes and a distinct pollen sac, all the lateral anthers have been so far
 as the most remarkable feature, however, the fact that the species is self-fertilized by
 not by the pollen from the upper anther but by those of the incomplete lateral ones, and
 the process of fertilization appears to be well advanced before the opening of the flower.
 The stigma matures early, and as the lateral anthers appear to be drawn across
 the surface of the stigma by means of its exsertion, and fertilization ensues. The pollinia
 of the upper anther, though complete, are not employed in fertilization.
 Absence of the lateral anthers appears to be the result of the probability that the upper
 anther would have been worn away through continual disuse.
 This appears to be a reversion towards an original ancestral type in conformity with
 the fact that the species is a monogamous plant.

green speckled red, or pale reddish yellow streaked with red, lip short, side lobes rounded narrowing into a small triangle, middle lobe purple with a darker blotch on each side lobe; after pollen is in antherium, var. Peristini. Capsule 1/2 in long, elliptical - appears to very often vary in colour. Reichenbach describes the sepals & petals - brown with dull mauve streaks & blotches. In a specimen from Assam the top of the lip is white with purple spots.

leaves horizontal, very long, top broadly unequally 2 lobed.

6. *C. albifolium* Reichenbach *longe pendulans* & de. curvet many flds flowers 1/2 - 2 in broad, sepals & petals linear-oblong subacute, epichile broadly oblong or suborbicular, equaling or shorter than the hypochile, disk with a curved throat, lanceolate. *Reich. Bot. III. 458. Hind. See exp. Orchid. 165. Wall. Cat. 7352 c; Wall. An VI 624. (incl. Sc. Wright C. pendulum Hook. & Grev. l.c. Delp. L.C. 441 (not Reg.) Reich. Cor. Pl. 35. T. 44. Pl. III 458. C. brevifolia Wall. cat. 7357. ²¹ THURSDAY [52-313] Reiche f. in flora. 1872. 274 Epidendrum albifolium, Lin. Sp. Pl. 953. Reiche Boissii, Smith in Rees Cyclop. Suppl. Reiche Hort. Raf. XII. 48.*

Tropical Himalaya from 2000 feet eastwards. Assam & southwards to Java & the Andaman Id. (? Anclaba, Rheede) in China.

Stem short, stout, leaves 1-3 ft. by 2/3 - 2 in - Raceme 12-18 in, flowers variable in colour & size, usually dull purplish brown with pale border, I am much puzzled with this one for all my copies material appear to differ in so far as all my copies material show, only in the comparative length of the epichile & hypochile of their lip & in their geographical range *albifolium* being strictly eastern & eastern, and *bicolor* as strictly western. These characters would be desirable were it not that Rheede's figure of the Anclaba plant has the lip of *albifolium*. Acc. to Dr. King in *Burr. Bot. Calcutta*. *C. albifolium* is very var. in the respects, & 3 vars. are distinguishable. *Racemes* short, sub-erect few flds, sepals & petals, these dull purple with yellowish pale margins. This exact resembles the *China*? *C. albifolium*, *Reich. Bot. III 458* & *967; Jacq. Hort. Schoent. III 697. 383. 2 flowers larger sepals & petals subacute bordered white, top yellow streaked red - all as described by Rheede - 3 Swartz's *C. pendulum*, which he says is too near *C. albifolium*; flowers small or large, sepals & petals pale dirty yellow or greenish with a rose or herb broad disk purple centre; lip streaked with red.*

22 FRIDAY [53-312]
Ember Day.

Do this belong Wellich's *C. cerasifolia* with pale flowers - finally distinguishes from *alopifolia* chiefly by the lamellae of the lip of former being interrupted clavate - rolled behind of the latter continuous approximated confluent at their tips. Thwaites gives *alopifolia* as a native of Beylon (Ceylon) but as he cites Wright's do no doubt *bicolor* is a slender slender *alopifolia* of young *Sim. Soc. May*. includes this, *bicolor* & *sikkimensis*. Reichenbach's description of *C. aramii* is that of *alopifolia* of which there are specimens in Munich Herb. (Kindly lend to me) as to his habitat of Obres. as many inform me he knows of no such place.

C. bicolor Lindl. Gen. & Sp. 164; character of *C. alopifolia* but flowers larger than the hypochile ovate-oblong narrowed towards tip. *C. alopifolia* Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387.

The *C. erecta* Remane for the Conc. Southward from which Lindl. distinguishes it chiefly by the ovate lanceolate base of the lip a stipular curved clavate lamellae which are interrupted in the middle & oblong. *C. alopifolia* Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387.

23 SATURDAY [54-311]
Ember Day. 587-2, 588-5-26.

C. alopifolia, Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387. *C. alopifolia*, Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387.

C. alopifolia, Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387. *C. alopifolia*, Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387.

C. alopifolia, Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387. *C. alopifolia*, Thwaites Enum 305. *C. erecta* Wright No. 1753. *Epilobium alopifolia* Bot. Mag. T. 387.

24 Sunday [55-310]
Sund in Lent. Matthias.

25 MONDAY [56-369]
O Full Moon, 9.35 p.m.

10. C.
eburneum

Limbl. in bot Rep. 1844, T. 67. in Journ. Lin. Soc. III 28; scape pubescent, 2-3 in. at top flowers 4-5 in diam, white hypochil of lip with 3-5 grooved pubescent golden ridge. Bot. Mag. T. 5126; Bot. Mag. Bot. XV. T. 145; Warner del Orchid r. 21, Journ. T. 16. Fortenl. 1880, T. 155. Orchidopt 1882-297. Wein. Ill. Bot. 1887, T. 7-8. Gard. Chron. 1882 1-49. F. 884, 1177 F. 17. C. syriacum Griff. Bot. III 338.

Eastern Himalaya Nepal. (D. & Bent. Res) Sikkim alt. 1000 ft. (Cham. Rhod. 1882) alt. 5000 ft. (Griff. etc).
Leaves 12-24. by 2-3-3/4 in acute or acutif 2-fid. scape 8-12 in; sheath equitant, green lanceolate, finely deminate, bracts acuminate pedicel with ovary 1/2 x 2 in flowers very odorous sepals very variable in breadth petals sub-falcate, side lobes of lip narrow. obtuse middle lobe small, retort, crested, dark yellow etc

Var.

Parishii: The main branches of the stem with dark purple... Parishii Reichb f. in trans him. Bot. XXX. 144. Var. orchid 1855. T. 224 (very broad). Journ. Gard. Chron 1874. T. 338, 566, 1878, 1177. Journ. orchid. alt. T. 25. Anacardium on rat-tong, alt. 5000 ft. Parishii - Reichb ed distinguishes this by the color of lip having no retort line by the spots on lip; the acute setiferous angle of the pallid. The sepals petals are very small narrower than in Warner's figure.

26 TUESDAY [57-368]

var. Billinghamii Reicheb. F. & Gard. Chron. 1881. 1530
has the mid-lobes of lip light purple & white light rose-colored, etc.

var. Digyanii leaves 2-4 in. corolla beneath, flowers yellowish with purple streaks.
C. digyanii Reicheb F. in Gard. Chron. 1869. 710.
Assam (Hort. Beng.) - I have not seen this.

grandiflorum

Griff. Bot. III 342. De Plan. Acad. T. 321. leaves 8-24 by 2-3-1 in scape very robust-decurved, sheath lax, recurved 6-12 fls. flowers 3-4 in diam sepals petals oblong-lanceolate acute green lip yellowish pubescent & ciliate middle lobe large suborbicular rounded crenate blotched or speckled with red. C. hookerianum Reicheb f. in Gard. Chron. 1866. 7. Belen in Bot. Mag. T. 53 74 C. signatum in part. Limbl. in Journ. Lin. Soc. III 29. Cymbidium sp. Griff. This note. lib no 698.

The Phacelia plant agrees very well with the figure, which ⁴ MONDAY [63-302] shows the leaves as narrowed into a long petiole. In the ⁵ all leaves are of a spatulate or quite sessile. The Bot. Mag. represents a very small plant with spotted lip. The Baylon encyclopaedia has a lanceolate bract. The Dutch specimen has sessile leaves, many with white lip, with pale brown hairs along the margin. In no spots. I doubt to be the same as the Bot. Mag. figure encyclopaedia. I think would combine them.

doubtful & excluded species.

- C. *Assaria* - Linden Cat. 1863 (name only, ex. Ill. Hort. et VIII (1881) 75)
- C. *Cernoum*, Griff. Bot. III 339. is probably a
- C. *Chloranthum* Lindl in Bot. Rep 1843. Misc. 68; in Gen. Sin. Soc. III 297; in Bot. T. 4907 is *C. varicifera*, Richt. f. in Bonpland. 1854, 47, 91
- C. *Andrioides*, Don Prodr. 36 from Nepal. I doubtfully referred by Lindl. to *C. giganteum* is probably
- C. *Cymbria*, Griff. Bot. III 343; Bonpland. Asia T. 319. *Lainia latifolia*, no reference is omitted in vol. V. P. 20.

41. *Cyperochia*, (Blume)

Habit, foliage - inflorescence of Cymbidium, slender, raceme, distichous, perianth segments narrow & convergent below middle a higher lip nearly straight & erect, epiphylloids small unequal, stamens elongate & hypogynous, & pollinia usually pyriform or a short & not quadrangular flange. *Species 3*, all (except by narrow lip) long distichous. In the usually slender epichilo (a middle lobe), it is not easy to separate from the *Blumea* group. In the pollinia very small. *Cymb. cuneata*.

- C. *elegans*, Blume, Rumph. II. T. 47; Orchet. Ind. Ind. 90. T. 18 C; Raceme elev. fl. 1-1/2 in long, stem with white lip, sparsely hairy towards base, central bracts terminating below in 2 long & spatulate cells; capsule 1 in. *Cymbidium elegans* Lindl. in Bot. Mag. Cat. 1854, 47, 91. *Blumea elegans* Griff. Bot. III 339 (the original plant). Sub-tropical Malaya, ex. Bot. Mag. 1854, 47, 91. *Blumea* leaves 1/2 - 2 ft. long, 1/2 in. wide, deeply lobed, curved, densely clothed with indurating compressed lateral acmg. sheath, 2-5 in. long; raceme ascending, 8-10 in. long; rachis slender, fls. densely imbricate & monostichous; bracts small, membranous, acute; sepals & petals fine, obtuse, tips corceae; lip as long as petals, very slightly lobed; hypochile narrow, acute, side lobe, speciose, broadly oblong, obtuse, such as long as the anterior lobe, broadly acuminate middle; column slender, base hairy & spatulate. Capsule tri-ellipsoid. In Griffiths. Herb. this is named *Cymbidium*.

Pendrobin crumatum.

This species seems to be fertilized by the agency of bees which are attracted by the very strong sweet scent. Results of observation have been very erratic.

- Sept. 20th 1922. 16 flowers on the plant in garden. Bees were very busy. 10 flowers were full size with pollen on the stigmas or while bees were seen flying with pollen attached to the thorax. Bees ~~seen~~ ^{heard} in house.
- May 03rd 1925 Same plant. 42 flowers only! of which had pollen remained. NO fertilization.
- July 27th 1925 Same plant 28 flowers. NO pollen remained. NO fertilization.

doubleless through a ... labels, see C. burmanni
in Bert. Calcutta this is drawings of 3 forms apparently of
this: 1. raceme lax, fls. 2 in long, sepals nearly white
plated with pink, lip not represented; 2. leaves 2-18 in.
scape stout, sheaths distant, 2 in long, raceme inclined
flowers few, recurved, drooping, pale, lip yellow,
no ridge shown; 3. a smaller plant leaves 9 in, scape 7 in
densely clothed with pubescent sheaths, 3 in long; raceme
suberect, recurved, 5 fls. flowers yellowish, 1 3/4 in long; this last
is named Cymbidium albicans, Bur. Intercedo.

Benth in Journ. Bot. Soc. Lond. 318; raceme elongate, fls 2 in long
to glabrous purple spotted, central ridge
evanescent below, column glabrous, capsule 2 in long.
Cymbidium mastersonii, Griff. n. 33. Lindlin Bot. Rep. 1845
C. micromeron Lindl. in Journ. Bot. Soc. Lond. 29 (et al. lip)
? C. affine, Total III 336.

Assam, (name) Khasia Mts all 4-5000 ft. (Griff. etc).
Habit & foliage of C. elegans, but raceme very short
at the top, flowers large, always white with a little red on
lip. sheathing almonds, lip broad, without basal
calli & gilt glabrous, column stout & pollinia broader;
into capsule recurved larger. C. affine is a
case of indifferently dried specimens, distinguished from
from Cymbidium burmanni. Except by the small flowers
of Cymbidium micromeron consists of a flowering &
fruiting specimen of this, together with the loose lip &
column of a Caloglyphis from which the specific
character is drawn. He also refers to Griff's
description of C. affine (from Churra), rather of C.
densiflorum of another species from
Surareen (all in Khasia Mts) observe, as is impossible
to reconcile the statements made for Griff's by his
editor without assuming that some confusion has
taken place. The confusion highly has added
by transferring the name Griff. from the
Churra to Surareen plants. Of the true C.
only one certain specimen is known. The description is
C. densiflorum, which is certainly Cephaenochloa elegans
(I have gathered it at Churra) C. affine & the micromeron
one, having white flowers, are both probably
C. mastersonii, a name which Griff's office would
have superseded, had he really given it. But on
referring to his n. 33. preserved at Kew, I find no such
name. Griff's description being headed "Caloglyphis
affine" except that it is a plant being allied to
Caloglyphis. The Churra plant is related by
himself in both the Churra (address) &
Lindley where he sent a specimen. As doubtless the
error was the editor's, and replaced Caloglyphis Cymbidium
the name of mastersonii was. One of Griff's given
is cultivated specimens which do not from Calcutta
gardens to the Royal Botanical Society.

C. affine (various Orchid. albit. 140; Bot. Mag. n. S. T. 346
is obtained from the plant described in the name that
name by Griff's office. It is a plant being allied to
itself, and the lip of a large Cymbidium.

C. Benth. in Journ. Bot. Soc. Lond. xviii. 318; raceme elongate,
sepals spotted & narrow, fls 2 in long, greenish brown,
lip glabrous, median ridge strong, 2 fls or spatulate

2
to
Bent
Cochleare
lip
Bent
Cochleare
lip
Bent
Cochleare
lip

1. f.
purpureum

Pl. in Herb. Rev. Ed. 2. v. 207. (Char. rep.
usually tall, leaves of length petioles, sepals
acute, 5-nerved, petals rather broader, not
apiculate 5-nerved, lip subquadrate, ovate-oblong
tip with a broad channelled
margin ending in raised calli or a crenate callus.
Hindl. Gen. exp. Orchid. 175. Tatum Will. Bot. 76
Rinodromos nutans (Rottb.) Bo. Pl. Ind. 40. St. Ind. 114 470.
(descrip in both erroneous) Anclasis nutans Willd. Sp. Pl.
Tropical Himalaya from Nepal eastwards: Bengal
Assam, Burma, the Deccan Peninsula, & Ceylon.
Siberia, Analep, Salants, Aethiopia(?).
Bogus f. purpureum was founded on Rottb.'s drawing
of Rinodromos nutans, a native of the Birmans, but
of which no specimen recovered. It is represented
& described as having scape longer than
leaf-pls, raceme & an acute lip; characters not
hitherto found in any prodrum. But if it be allowed
that the elongate scape & leaf-pls & raceme are due to
something of all this of the scape after flowering, other the
appearance by an acute lip, is due to the unfolding of
the margins towards the apex, then f. purpureum is
the commoner & wider-distributed Indian species.
Weddell & Gibson alone identify a plant with
it which they do not, but they give Paroni's character
of the species. However those of their specimens are what
I have given above. f. purpureum is the taller
& larger leaved Indian species, its flowers very
pale white lined with red. purple to pale purple with
atropurpureum.

2. f.
dilatatum

Pl. in Herb. Rev. Ed. 2. v. 209; leaves usually sessile
repandulate, ovate, acute, 5-nerved, petiole obs-obl.
5-7 nerved, lip broadly ovate, tip dilated
re-curved, crenulate or undulate, dist. smooth or
tubercles. Hindl. Gen. exp. Orchid. 175.
Rinodromos recurvum Bo. Bot. Cor. Al. 133 T. 39.
Anclasis cernua Willd. Sp. Pl. 793. Otandra cernua
Willd. in Trans. Bot. Soc. 1. 261.
Ceylon, Sikkim, Burma, the Deccan Peninsula &
Ceylon (all more or less doubtful) f. dilatatum is a right
in respect of this specimen, is distinguished from purpureum
in its leaf-structure. broader petals & lip, the
disk of which is smooth, granulate or not crenulate,
width of lip is probably an exaggeration of the flowers.
Weddell & Gibson describe it as a Ceylon plant, but
I have seen no specimens so named by them.

3. f.
candidum

Will. Bot. 7374. leaves sessile, sepals
petals almost of length, 7-9 nerved, lip very broad
narrowed upwards, with the 2 crested dilated base
dist. nearly flat, tip crenulate. Hindl. Gen. exp. Orchid.
(in part) f. dilatatum Willd. Sp. Pl. 793. f. dilatatum
Cald. & Will. Bot. Soc. v. 358. T. 24.
Burma. (Gussone) Gen. exp. Orchid.

12 TUESDAY [71-294]
New Moon, 7.52 p.m.

31 Days.

MARCH, 1918.

MARCH 11 to 14.

ful with another descender, viz. *f. attenuatum*, which is
 certainly the same as *Wallich's candidum* (is having
 a truncate spike, subequal sepals & petals) which
 they are not in his drawing in *Herb. Caerul.* in order
 white wide flowers, a usual
 tip of lip concave, almost conduplicate, emarginate
 crenate, disk with a callus, column sprinkled with
 cellular pubescence below, ~~the~~ ^{along the}
 broad nerves of the lip, & a very short column
 with a decidental tooth on each side of the apex.
 It is a very distinct species. *f. citrinum*
 is on the sheet with Wallich's specimens of this.

13 WEDNESDAY [72-293]

f. g. such as in *Andersen's Bot. Rep.* 626; flowers 1 1/2 in diam
Citrinum. yellow, sepals & petals very broad acute, lip large
 oblong, deeply ~~red~~ ^{red}. *Hindl. Gen. & Sp. Orchid.*
 176.

doubtful species.

f. Pallidum, Wall. in *Mon. Prodr.* 31. There is no specimen
 this in Wallich's *Herb. Caerul.* nor is the name in his
Catalogue; but there is a *Geodorum* in *Herb. Caerul.* and
 in his *Bot. Prodr.* by Wallich for *Geodorum* of 1818, which is
 a pink *purpureum* is depicted above. *f. pallidum*
 Griff. *Bot. Beech.* 357, from *Assam* & *Sikkim*, described from
 a garden in *Sikkim* as *purpureum*, the white fld
purpureum; its flowers. *Hindl.* described as *g.*
small.

f. Appendiculatum, Griff. *Bot. Beech.* 360, T. 24 is
 probably *g.* *Hindl.* *Gen. & Sp. Orchid.* 173-174

f. Candidum, *Hindl. Bot. Beech.* 3, *Linnaea* *Candidum* *Rehb.*
 from *Sikkim*, *Thais* *Thoulipin* is probably
dilatatum; it is certainly not *f. candidum*, Wall.

f. Dilatum, *Hindl.* in *Bot. Beech.* T. 67, 5, *white pale fld purp.*

f. Ducatum, *Hindl.* in *Bot. Beech.* T. 1687. *Bot. Beech.* 5, from *Ceylon*
 resembles *g.* *purpureum*. *Hindl.* *Gen. & Sp. Orchid.* 173-174

f. latifolium, Griff. *Bot. Beech.* 357, T. 24. From *Assam* *Perkins*
 strongly resembles *f. Citrinum* in its broad petals
dilatatum *multilobate* *emarginate* white lip with
type *dis* *tinged* with yellow & purplish base.

f. lasiophorum, *Hindl.* *Bot. Beech.* 3, from *Assam*, is *white*
 certainly *g.* *purpureum*.

Geodorum sp. a narrow leaved plant with *hair* *f. purpureum*
Thais *Thoulipin* *Thoulipin* *Thoulipin* *Thoulipin* *Thoulipin*
C. acutatum *Hindl.* *Bot. Beech.* 3

f. javanicum, *Hindl.* *Bot. Beech.* 3, *Castellei* *sermna* *Blume*
Blume 2975 55. *g.* *small* *fld.* *specimens* *collected*
referred *to* *Citrinum* (*Blume* *Blume* 1754 43) *as*
f. dilatatum, *Hindl.* *Bot. Beech.* 3, *Thoulipin* *Thoulipin* *Thoulipin* *Thoulipin*
f. dilatatum is *totally* *different*.

f. speciosum, *Blume*. *Bijdr.* 377. *f. g.* *Blume*
f. fruticosum, *Wallich* *Herb. Caerul.* 11. 1819. *Thoulipin* *Thoulipin* *Thoulipin* *Thoulipin*

f. fruticosum, *Wallich* *Herb. Caerul.* 11. 1819. *Thoulipin* *Thoulipin* *Thoulipin* *Thoulipin*

f. fruticosum, *Wallich* *Herb. Caerul.* 11. 1819. *Thoulipin* *Thoulipin* *Thoulipin* *Thoulipin*

G. macranthum, Reichb. f. Xen. Orchid. II. 16.

Pattonia macrantha, Wight & C. 1950.
Jabertia scripta, f. and. in Weyd. Voy. Bot. 140.
Cymbidium scriptum Swartz in Schrad. Bin. 1799.
Epidendrum scriptum Linn. Sp. Pl. 1351.
Delonix (Poir.) Perch. (Boottschini) *Andalocca* (Lamour.)
(13e dist. 5318 Mangay (12. D. 1655) Dist. 1799)
I cannot find character whereby to distinguish
f. *fastidiosa* + *macranthum*. The latter was
found on Griffiths' specimens. The flowers
are much larger, & the sepals + petals
of the Perch plant are narrower than in the other.

44 *Dipodium* (Brown)

Stems leafy, tufted & epiphytic in the Indian species
(stemless leafless in Australian) leaves coriaceous
jointed or their sheaths, equitant. Racemes long peduncled
fls. rather large; perianth of *Grammatophyllum* with the
base of the lip forming a small sac with the column, &
the side lobes reduced to small teeth; pollinia separate
stipitate on a globose gland. Species by Australian, Andam.
& Pacific.

1 *D. pictum* Reichb. f. Xen. Orchid. II. 15, 470. *Andalocca* Griffiths' Mangay. Dist. 1799.
S.R. 6.17, S.S. 6.3.

2 *Paludosum* Reichb. f. Xen. Orchid. II. 15. *Grammatophyllum*
paludosum Griffiths' Mangay. Dist. 1799. *Andalocca* Griffiths' Mangay. Dist. 1799.
S.R. 6.17, S.S. 6.3.

46 *Dactyloctenium* (Reichb. f.)

Epiphytic, pseudobulbous. Leafy plant, petiole woody
basal, sheath; flowers racemose. Sepals unequal
long. Petals much narrower. Lip connate with
the foot of column, lobed; base of the lip
forming a ventral sac with separate side lobes;
side lobes small erect, slightly curved or
3-lobulate, velvety. Column slender, arched with
incurved apical wing, anther exserted
pollinia 2, bulbous, separate, stipitate
on a obovate gland. Species 3.

1 *T. polliciferum* Reichb. f. Xen. Orchid. II. 16, 471. *Andalocca* Griffiths' Mangay. Dist. 1799.
S.R. 6.17, S.S. 6.3.

2 *T. mangayi* Hook. f. J. Bot. Syst. 1847. *Andalocca* Griffiths' Mangay. Dist. 1799.
S.R. 6.17, S.S. 6.3.

3 *T. quinquefida* Hook. f. J. Bot. Syst. 1847. *Andalocca* Griffiths' Mangay. Dist. 1799.
S.R. 6.17, S.S. 6.3.

31 Days.

MARCH, 1918.

MARCH 15 to 19.

Terrestrial, erect rigid leafy herbs, pseudobulbous.
 Leaves distant, ^{18 MONDAY [72-288]} in ^{terminal} simple or branched
 raceme, or panicle; bracts thick imbricate
 persistent, sepals 5 petal, subequal, narrow,
 widely spreading. Lips adnate to base of column
 color, side lobes erect, middle spreading
 entire. Column membranous, broadly 2-ridged
 foot 0. top hooded; anther sub-2-celled; pollinia
 2, ovoid, adnate; sessile on a scale like gland
 species 2.

- 1 B. pelustris Lindl in Bot. Ref. 1844.
 B. pinlaysoniana, Reiche f. ... L.C. 882.
 frammisophyllum? Diulaysonium Lindl in Bot.
 Ref. 7561
 Perang, Perak Malacca, Singapore - distant
- 2 ? B. aporide Reiche f. Bot. Ref. 1844.
 anarceia? at anarceia, Perak.

47 Polystachya Hook.

Pseudobulbous leafy epiphytes. Leaves few
 distichous narrow, striated, jointed on their
 sheath. Bracts terminal, persistent; flowers very
 small, in racemes or panicles. Sepals 5, free dorsal
 ovate, lateral triangular, adnate to foot of column
 Petals 5, narrow. Lips 2-lobed, entire, channelled
 Side lobes erect, middle spreading or
 recurved. Anther 2-celled. Pollinia 2, ovoid, cohering
 in pairs, attached to a very short
 stalk on a gland. Species almost 10, all tropical

Pattigley's Polystachya Welf. ann VI. 640; stem 4-6 in,
 flowers yellow, lip broader than long, side lobes
 rounded, disk with median ridge densely furfuraceous.

P. luteola, Hook. Bot. Beechey II. 1678.
 Anclaba on Dryandra Hill (High, New Britain 2990)
 Perang, Perak Malacca, Ceylon.

Leaves 2-3 or 4-6 by 2-4 or 1 in. stem stout; panicle
 striated, bracts persistent, long, linear
 flattened, bract. small, entire, persistent, by
 flowers yellow; sepals 5, middle long, entire. capsule 3-4

P. luteola, Hook. Bot. Beechey II. 1678. f. ...
 Wallich has been pronounced by Lindl. (Bot. Ref. 1844)
 to be at least a distinct plant. The original specimen
 if now preserved, kindly distinguishes it from
 the ... the capsule being nerveless
 and ... are reticulated
 and ... are wanted
 to determine their differences from another
 form of ... other of the genus

2. Polystachya ...
 flowers purple, lip longer
 than broad, side lobes much broader than the large
 rounded mid-lobe, disk with a short median ridge
 furfuraceous. Welf. ann VI. 640.

1 MONDAY [91-274]
Easter Monday. Bank Holiday.

13. L.
frovaii

Stems very slender elongate; leaves 6-10
radial, very narrow, fl. florets
linear, later sepals pyriform, petals
subquadrate fls, epicalis broadly cordate, lobes
very short, lobes, eastern Brazil; in
hills, E. S. forest (in part - Calcutta) closely resemble
but at once distinguishable by the
petals. - Described from 2 drawings of plants cultivated
at Calcutta. The sepals + petals
of the other localities are yellow. The hypochile + column dark
purple, the petals purple in one with
purple at the base.

South species.

14. *Micropleura* *distans* (L.) *Walp.* 1850, 503. Leaves
small, sepals ² ₁ ^{TURSD} ₁ ^[92-273] ₁ ^{Flower} ₁ ^{lay.} ₁ flowers
small, sepals ² ₁ ^{TURSD} ₁ ^[92-273] ₁ ^{Flower} ₁ ^{lay.} ₁ longer than petals
hypochile + column dark purple, the petals
yellow. The sepals + petals
of the other localities are yellow. The hypochile + column dark
purple, the petals purple in one with
purple at the base.

15. *Micropleura* *distans* (L.) *Walp.* 1850, 503. Leaves
small, sepals ² ₁ ^{TURSD} ₁ ^[92-273] ₁ ^{Flower} ₁ ^{lay.} ₁ flowers
small, sepals ² ₁ ^{TURSD} ₁ ^[92-273] ₁ ^{Flower} ₁ ^{lay.} ₁ longer than petals
hypochile + column dark purple, the petals
yellow. The sepals + petals
of the other localities are yellow. The hypochile + column dark
purple, the petals purple in one with
purple at the base.

41 BILLS DUE WITH GRACE.
30 Days—May 6.
60 Days—June 5.
90 Days—July 5.

The ocean towards; on the ...
Borneo southwards. Balyon; in the ...
APRIL, 1918. 4th Month.

Stem 4-8 in. leafy; internodes short.
5-6 by 1/2-3/4 in. lobes recurved, inequality
obtusely 2-lobed. Scape 12-18 in; strict
erect; branches few, tipped by short racemes;
pedicels long, slender; bracts ovate; flowers 2 in
diam; sepals oblong & subparallel to petals dirty
orange with red streaks; lip white purple with
a broad villous golden margin. Side lobes
few - like with 3 cells between them, the median
pubescent; disk of middle lobe with a ...
column slender; rostellum obscure. Length
1/2 in. Lip like that of *Ophrys aramifera*.

50/1. *Diplopria* Hook. f.
Stem short, slender. Leaves falcately lanceolate,
acuminate. Scape short simple, few fls. Sepals
widely spreading, keeled. Petals obovate, lip
long as petals, margins adnate, side of column
cymbiform & sigmoidally curved, middle
narrowed at base & compressed to a quadrate tip,
disk keeled. Column ...
short ...
Capsule slender

Bl... ...
4 THU 191-271
Nanda
alt. 3-4000 ft
Rango ...
flowers few
longitudinal
column papilion
bottom in habit,
the lip ...

Stag... Reidl. f.
leaves distichous,
lateral raceme
widely spreading
of the column
narrow,
thick, 1000
position 2, sub-
species
Both in ...
yellow ...
obovate, lip white ...

Cerak alt. 4, 6000 ft. King's Collector - North Java, Borneo. 44

30 Days.

APRIL, 1918.

APRIL 8 to 11.

Stem or leaf ... APRIL, 1918. ... 2-3 fl. ... disk green or yellow ... narrow; upper margin of side lobes ... strap broad with a median ridge.

TO WEDNESDAY [100-265]

53 Phalaenopsis, Blume. ... distichous, coracous. Scape lateral; flowers usually large, loosely racemed. Sepals widely spreading. Petals narrower or broader. Lip clawed or sessile, crenate at base. Column side lobes erect, middle lobe ... disk variously appendaged, with usually a forked plate or callus. Column suberect, ... anther 2-celled, pollinia 2, sulcate or partite, strap linear or spatulate, gland long.

short 25, India, Malayan. ... the grey ... a crepe ... of lip which is very perfectly figured ... by the authors who have had access to fine specimens. Dr. Beckett's P. Anchiti has been ... from Singapore, where it is cultivated.

* Lateral sepals inverted ... narrow base & base ... of very ... of column.

Rachis of raceme compressed; bracts fleshy distichous

1. P. Reichb. f. in Mart. bot. botany 1860. 116! scape 6-10 in

Borneo ... flowers 2 in ... yellow-green ... with brown ... Polychilus-Cornu-Lewi

... Breda ... T. I. ... 1857. ... Anacris ... Lobb, Paris. Cerak, ... district. Sumatra, Java, ...

Leaves 3-8 in ... oblanceolate. Scape ...

... Reichb. f. in Mart. bot. botany 1860. 116!

Violaceae. ... Reichb. f. in Mart. bot. botany 1860. 116!

Cerak. (90. ... Singapore ...)

Rachis of raceme terete.

3. P. Reichb. f. in Mart. bot. botany 1860. 116!

Lowii ... petals ... much longer than the oblong ...

... leaves 3-5 in ...

... sepals white ...

... petals ...

... callus ...

4. ... Reichb. f. in Mart. bot. botany 1860. 116!

... lateral sepals ...

... side lobes falcate ...

22-39/26

30 Days.

Tropical Hindoos, from far westward to 48
Western Peninsula, Baylon, District
Rindly ever in describing the fruit of R. famulica
to FRIDAY [109-256]
Primrose Day (1881)
his S. Rheedia on the differe

APRIL, 1918.

APRIL 17 to 21.

E. pinnatifidum

Species unknown

Berkeleyi Reichb. f. in Gard. Chron. 1883.1.
from the author's remarks. (There is no descrip.) This appears
the name R. retusa, (the flowers are white with anethyr spots. 25 lobes
probably Indian.
Sarcocobin Kuntze, Reichb. f. l.c. 1881 II 198 has
entirely, the epichile
ly on one side.

56 Sarcocobin, Br.

Epiphytes, stem short or long, pseudobulbs 0.
Leaves distichous or 0. at flowering time flowers
racemose or spike, spreading. Lateral
adaxial by a narrow base of column
or by a broad base of column to the
lip base. Petals usually narrower. Lip sessile
or clawed, middle lobe
middle lobe
short or long, 1 or more or less prongs.
anther 2-celled, 2-lobed, 2-lobed, or 4 in part.

20 SATURDAY [110-255]

Artichoke
A polymorphous form, to denote the dismembered
the same species, possibly indicate the lines
upon which some new genera may be established
and more or less the same in spite.
Lateral sepals inserted by a narrow base to the
base of the column, or by a broad base to the
base of the column.

Sec I Lip short clawed, column short; roots minute

Sec II Lip sessile or subsessile. Column long;

Sec III Lip long clawed. Column short; bractlet (sp. 5-7)

Sec IV Stem elongate, scandent. Lip sessile. Column short;

lateral sepals inserted by a very broad base to the

21 SUNDAY [111-254]

lateral sepals inserted by a very broad base to the

lobes of lip

Sec VI Leafy flowering branch. Column long (sp. 11-19)

Sec VII

(sp. 20-26)

APRIL, 1918.

4th Month.

stem as stout a little...
new coriaceous...
2-3 in stem
towards the end of the...
width...
straight; sepals...
about 1/2...
applies...
beared with dull pink; disk...
crest over base of...
inconspicuous;...
beautiful species...
analyses of dried flowers.

26 FRIDAY [116-249]
O Full Moon, 8.5 a.m.

7. 8.
Cladostad.

Book of...
evidently allied to...
the whole plant is much smaller. The peduncle is
clavate, the sepals & petals much...
as well as the lips differently coloured.
drawing is of a young plant...

8. S.
purpureus.

Beauv. Anieropina, hill. (gen)
Benth. n. 329. raceme peduncled lax. fld, flowers
pale purple, lip strongly laterally compressed
included...
pallid...
C. Roberts...
Ardis...
Chasia...
stem...
peduncle...
pallid...
diad...
beard...
Cephal...

9. S.
Roxburghii

Book of...
dense; flowers...
laterally compressed, outer lobes large rounded, the
middle...
pallid...
Ardis...
Bengal;...
stem...
bracts...
petals...
white...
Roxburghii...
one sheet of...
one of...
pallid...
under his number 7321 in Benth. list.

55 BILLS DUE WITH GRACE.
30 Days—June 8.
60 Days—July 8.
90 Days—Aug. 7.

from drawing in Herb. Calcutt, & analysis of dried
flower. It is a difficult to describe the structure
of the lip; its claw may be the base of the column
produced beyond the base of the broad
base of the column.

MAY, 1918.

5th Month.

MONDAY 1126-2391
Kew's Day, Accession 1910.

sect. VII. *Formicaria*, in fr. Plate III 575

20 S.
Hystrix

Right of a self. An. vi 500; peduncle about as
long as the short lower lobes, bracts erect
subulate-lanceolate, side lobes of lip glandular
-hairy. Peduncle *Hystrix*, Balme, *Reichb.* 291.
Reichb. *Hystrix* *Reichb.* Gen. sp. *Reichb.* 247
Thrippemusa *Hystrix*, *Reichb.* in *Trans.* *Reichb.* 45
Prosaurodya *Hystrix*, *Reichb.* in *Van.* *Orchid.* II 123.
Densoerium at *Burghii*, *Reichb.* (*Reichb.* *Distib.* 232)
Perianth - *Distib.* *Reichb.* 1-3 in. Leaves 2-3
by 1/3-2/3 in. subobovate, slightly ribbed.
Peduncle 2-3 in. *Reichb.* 2-3 sterile
spathe 1/2-3/4 in. flowers white, sepals spatulate
1/4 in long, lanceolate, *Reichb.* 1/4 in. with
clawed, spotted with yellow, *Reichb.* 1/4 in.
side lobes triangular, *Reichb.* 1/4 in. truncate
glandular *Reichb.* 1/4 in. column 5. show;
anther *Reichb.* 1/4 in. *Reichb.* or 4 in
v. unequal *Reichb.* 1/4 in. gland rounded.
Cypselis 2-3 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
in *Reichb.* 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.

21 S.
pulchellus

pulchellus, *Reichb.* 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
peduncle 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
spathe 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
flowers white, *Reichb.* 1/4 in. *Reichb.* 1/4 in.
side lobes *Reichb.* 1/4 in. *Reichb.* 1/4 in.
glandular *Reichb.* 1/4 in. *Reichb.* 1/4 in.
column 5. show; *Reichb.* 1/4 in. *Reichb.* 1/4 in.
anther *Reichb.* 1/4 in. *Reichb.* 1/4 in.
v. unequal *Reichb.* 1/4 in. *Reichb.* 1/4 in.
Cypselis 2-3 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
in *Reichb.* 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.

22 S.
trichostylus

trichostylus, *Reichb.* 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
peduncle 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
spathe 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
flowers white, *Reichb.* 1/4 in. *Reichb.* 1/4 in.
side lobes *Reichb.* 1/4 in. *Reichb.* 1/4 in.
glandular *Reichb.* 1/4 in. *Reichb.* 1/4 in.
column 5. show; *Reichb.* 1/4 in. *Reichb.* 1/4 in.
anther *Reichb.* 1/4 in. *Reichb.* 1/4 in.
v. unequal *Reichb.* 1/4 in. *Reichb.* 1/4 in.
Cypselis 2-3 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
in *Reichb.* 1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.
1/4 in. *Reichb.* 1/4 in. *Reichb.* 1/4 in.

63 BILLS DUE WITH GRACE.
30 Days—June 26.
60 Days—July 26.
90 Days—Aug. 24.

MAY, 1918.

5th Month.

24 FRIDAY [144-221]
Empire Day. Ember Day.

Brookii, Hall in f. & Thon. 1841.
leaves 4-8 in pan oblong, ...
breadth ... lobes unequal
rounded. Racemes ...
robrus, flowers ...
sepals ...
geniculate ...
blade, a projecting ...
long beaked, strap ...
above. Capsule 1/2-2 in ...
from angles ...
to separate ...
of Brookii more odorless than ...
P. P. D. f. ad. 1142; side lobes of lip
ob. or ful. middle ovate or ovate-cordate side
replicate, cross, apex parallel to the middle
& concealed under it. Reichb. f. X. Orch.
C. Lappetia, Hort. Hickoy. Bry. ...
C. retrofracta, Wall. ...
stem ... leaves ...
decine deurved ...
flowers ...
purple ...
with a delicate ...
lateral ...
beaked ...
strap of ...

25 SATURDAY [145-220]
Ember Day. Trinity Sunday. Queen's Day.
S.R. 3.59, S.S. 1.55.

9. he
falcatum

10. he
Craspedium

Reichb. f. in Gray, ...
character of ...
robust ...
dark purple ...
under the middle lobe of the lip ...
Reichb. f. l. c. 1882, ...
DeVasium ...
very nearly allied to ...
difference ...
the middle lobe of lip ...
that ...
is Bull. Soc. S. D. ...
retuse ...
lip ...

26 Sunday [146-219]
Trinity Sunday. Queen's Day.

Al. ...
radicosum ...
leaves 4-10 by 2/3-1 1/2 in
unequally ...
rather smaller petals 5-nerbed, side lobes ...
minute middle ovate, disk with 2 large basal
cells ...
obtus. ...
S. rubra ...

Stem 6-8 in. flowers in dense pale
lax, pedicel...
entire, apex...
v. short, lateral...
pollinia long, narrow...
of the Indian species.

Species...
Ac. Borassi, stem 4-6 in. Res. Cyclop.
No. 9. is undeterminable
Ac. decumbens, leafy, not in 365. (without descrip-
tion) Plant erect. T. 3-5. fruit per...
in... stem v. short. Leaves 2-4 in.
... acute, narrow, pedicel several,
short, stem few fld, bracts small triangular
pedicel with ovary... erect; flowers 1/4 in
diam; lateral sepals v. broad, obtuse. This
has the habit of Phalaenopsis

Ac. longipetalum, with sp. pl. 10. 120 is undeterminable
Ac. lepidum, Rehb. f. 2 part. Bot. 1843. 1466.
leaves lanceolate, obtuse, 2 lobes, white
ascending, sepals 2 petals sub-equal oblong
apiculate. Lip superior, purple, with
lobes of lip short, triangular, middle lobe larger
triangular, spur...
as the pedicel... & slender curved
ascending, tooth in the middle of cavity.

Ac. mendacis, young's orchid, not T. xxx
without description, is probably Ac. falcata
Ac. Pachyphyllum, Rehb. f. 1 part. Bot. 1840.
No. 230. leaves short, stem few fld, sepals
rather short, petals oblong, ligulate, obtuse
acute... middle lobe, side lobes of lip subtriangular
spur show, middle lobe purple, triangular, minute
spur white, cylindrical, slit, inflated longer
than the pedicel, ovary column white

Ac. Rigidum, stem 4-6 in. Res. Cyclop.
xxx, No. 12. is undeterminable

59. Renanthera, Lam.
Epiphyte, stem upright branched leafy, pseudobulb
leaves rigid 2 lobes. Stems large or medium
erect in lateral spreading panicles. Sepals
obovate, erect, dorsal erect, lateral
deflexed or placed under the lip, oblanceolate or
spatulate, at first parallel or connate. Petals
narrow, lip very acute, pointed on the base of the
column, secrete, side lobes erect. Column almost
truncate, foot 0; pollinia large, 2 granular

31 & 30 Days.

MAY-JUNE, 1918.

MAY 29 to JUNE 2.

31. FRIDAY [151-214]

[Faint handwritten notes, possibly describing plant characteristics or collection details.]

2. R. *[Faint handwritten text]*

3. R. *angustifolia* *[Faint handwritten text]*
 Herb. f. Dec. Plant rigid; flowers *[Faint handwritten text]*
 at first connate, middle of lip *[Faint handwritten text]*
 acute recurved. Perianth; on ground. *[Faint handwritten text]*
 stem as thick as goose-quill. *[Faint handwritten text]*
 branched. pedicel with ovary *[Faint handwritten text]*
 sepals *[Faint handwritten text]*
 lip small *[Faint handwritten text]*
 column *[Faint handwritten text]*
 pollen large, oblong, strap broad, *[Faint handwritten text]*

JUNE 1 SATURDAY [152-213]
Interest payable on £5% War Loan 1919-1947.
S.R. 3-52, S.S. 8.4.

R. *historianica*. *[Faint handwritten text]*
 low, leaves lanceolate *[Faint handwritten text]*
 deeply *[Faint handwritten text]*
 obtuse acute, lip 3 *[Faint handwritten text]*
 middle lobe *[Faint handwritten text]*
 triangular *[Faint handwritten text]*
 stem *[Faint handwritten text]*
 flowers yellow *[Faint handwritten text]*
 lip white, middle lobe *[Faint handwritten text]*
 large purple, *[Faint handwritten text]*
 column yellow *[Faint handwritten text]*
 the plant *[Faint handwritten text]*
 Deshp. *[Faint handwritten text]*

60. Nanda, Br.

Epiphytes; stem leafy. Leaves very coriaceous
 or fleshy, flat *[Faint handwritten text]*
 lobes highly coloured, in simple *[Faint handwritten text]*
 racemes. Sepals & petals *[Faint handwritten text]*
 base usually *[Faint handwritten text]*
 large or small (rarely 0) *[Faint handwritten text]*
 middle lobe *[Faint handwritten text]*

Sunday [153-214]
after Trinity. (Last Quarter, 4.20 a.m.)

O. V. bicolor

10 MONDAY [161-204] Ramadan begins.

leaves praenurse, narrow
 flowers 2 in diam, terrelate
 lateral lobes obovate deflexed dorsal
 as long as the sepals
 side lobes large orbicular, middle lobe small
 panduriform tip truncate 2 lobes
 distal lob. orbicular etc.
 2 anterior drop. glandular, stipular etc in throat
 Rhodan alt. 2000 ft. flowers
 stem 2-3 ft. leaves sometimes magnified
 rather obtuse 2 lobes, large distinct;
 bracts ovate, acute; dorsal, basal, the
 smallest, dilated in the middle; also lateral
 spatulate; side lobes, glabrous, bright yellow
 capsule, above a sp. long. near Ropburghii
 this is once distinguished by the large orb.
 side lobes of the lip. A little known species.

II. V. Ropburghii

TUESDAY [162-203] S. Ramabhadra

Br. in bud Aug. 7. 506, leaves praenurse, narrow
 flowers 1 1/2 - 2 in diam, terrelate
 with brown, sepals spatulate, rubescent, long
 obovate, mouth lip nearly as long as sepals
 side lobes small acute, middle & panduriform
 under tip dilated truncate 2 lobes
 distal lob. orbicular etc.
 J. ... 464. Cymbidium baselloides
 Ropb. det. ... 463. C. terrelatum Swartz in
 Bot. Beechey. VI. 75. C. elegant, Herb. Ham.
 Epidendrum terrelatum Ropb. Cor. Pl. I. 141. 14
 Coris terrelatum, Wight in Will. Cat. 1854
 Vanda Jones in Knight. Bot. IV. 382.
 Ropburghii Baker in ... to ... & ...
 a southern ...
 stem 1-2 ft. climbing, leaves 6-8 in, narrow
 compliable. Pedicels 6-9 in 6-10. fls. sepals
 a petals yellowish green or bluish except for
 the character brown nerves, margins white;
 lip like as long as the sepals or more, dist. of
 middle lobe convex with fleshy ridge + white
 margins, ...
 light in bud. Plon. 1883, ... describes a var.
 lightness with purple lip, the side lobes
 with more or less developed anterior teeth.
 the colouring in the ... is white
 that of any ... Ropburghii
 distinguished by C. terrelatum for its C. terrelat
 by the ... lip ... in curved
 into a tube ... tapering entire acute;
 while in the latter the lip is channelled above,

green undulate with beautiful chestnut brown
lip & column white lip pale broken in
with a streak of red dots on each side
the apex, a narrow under the col. white
the whole. (Kuhn-Schiller)

V. *Vipera* Reichb. f. in *Zeit. Bot.* 1882: 134. 201
leaves v. narrowly linear decurrent deeply
unequally 2-toothed raceme pedicel
with the smaller. ... oblong obt
undulate gradually narrowed to base
pale olive & green or ochraceous beneath with
short brown-purple lines lip panduriform,
side lobes white front yellow, middle
olive green. 2. Callous in base apex conical
glabrous within - *Burma, Japan.*

V. *Nigrita* Reichb. f. in *Nelpe. An.* VI 1832; allied to *V. Stangeri*
Reichb. f. leaves more than a foot long narrowly
undulate unequally acutely 2-toothed, scape few
& long-fl. ... lobes of lip subquadrate
middle lobe broadly ovate, lip contracted ligulate
obtusely 2-toothed, disk with 2 thick ridges
filose at the base of the ridges & side lobes
apex conical, ... for the glans.
Malghiria, India.

62. *Schaenochia*, Bl. 63 *Triperia*, Rad. 64 *Acampe*, Lindl
epiphyte ... leaves ... beaked a
... lateral ... flowers usually
small ... raceme ... subcorolla
... lip ... at the
base of the column ... consisting of a
large ... or conic cylindrical spur, small
lateral lobes ... middle; ... or spur
not septate within ... large scale or
callous within ... the column (except *S. longifolia*)
column short ... rarely beaked
... 2 ... 2 ...
... about 40.9. distinct.
Of the ... *Schaenochia*, is not
British ... 3 ... when
drawing out the ... genus, though it is
not in Gen. Plant. *Incipens* I refer to *Saccolabium*,
its ... the ... is insufficient;
... of the ... the strap ...
is ... this genus is in the
... can find no character
... is difficult ...
the lip is that of sect. *Calceolaria* as is the subcorolla

19 WEDNESDAY [170-195]

- Sec I. *Americanthus* ... in a single or ...
- Sec II. *Calceolaria* ... flat, flabellate. ...
- Sec III. *Acaupe*. stem ... flowers ...
- Sec IV. *Platyphylon* ... stem ... root ...
- Sec V. *Ditrichophyton* ... stem ...
- Sec VI. *Spicifera* ... stem ...
- Sec VII. *Uncifera* ... stem ...

Sec I
 Sec II
 Sec III
 Sec IV
 Sec V
 Sec VI
 Sec VII

30 Days.

JUNE, 1918.

JUNE 21 to 25.

24 MONDAY [175-190]
S. John Baptist, Midsummer Day.
Full Moon, 10.38 a.m.

flowers... petals with 3 nerves...
pedicelled. flowers...
orange with red stripes in the base of plants.

4. S. Hook...
perpetuum...
flowers minute pubescent, sepals ovate-obl.
tip with a fleshy acute subcordate appendage
Singapore; at Singapore...
leaves 1-1 1/2 in...
flowers... pedicel
petals... glabrous, 1-2
appendage... fleshy
specimens on the

5. S. Hook...
inconspicuum...
small short peduncled clusters of sepals +
petals...
margin of the hypostyle...
stem 6-8 in...
leaves...
flowers...
pedicelled...
hypostyle...
anther broader than long...
filament...
stamens...
also 16

6. 8. *penicillio*

Penicillio is *Halperia* 886. in *form.* 894
1198, later v. show, leaves pale, obtuse
obtusely notched or *racemes* about *quills*
the leaves *lofty*, *unmagnified* *intercal* *sepals*
broadly *obtus.* *middle* *lobes* *lip* *v* *short* *rounded*
middle *lobe* *large* *flat* *triangular* *3* *nerved*
smooth, *spur* *much* *longer* *than* *sepals*
discolor, *Reich*
88 *stamb.* *162* *8* *perillum*, *limb* *is* *gold*
11 *36* *row* *of* *lobes*, *accost* *parallel*
hind *in* *Wall.* *65* *7322*, *the* *of* *orchid* *237*
hither *which*
Roots *v.* *many*, *slender* *terrestrial*, *leaves* *2-3*
ly *is* *fleshy*, *thin* *when* *dry*. *R* *canes*
slender, *bracts* *white*, *membranous*; *flowers*
is *broad*, *pedicelled* *membranous*,
dorsal *sepals* *shorter*, *column* *rather* *long*
beaked *in* *point*, *anther* *long*, *strap* *of*
pyriform *pollinia* *dilated* *above*, *gland*
small *oblong*. *Capsule* *is*, *short*
pedicelled, *narrow*, *ribbed*. *The* *citation*
of *Hert* *Wight* *in* *Wall.* *65* *7322* *is*
debatable *an* *error* *which*

26 WEDNESDAY [177-188]

27 THURSDAY [178-187]

7. 8. *penicillio*

Penicillio *linear* *lanceolate* *acute* *with* *a* *lateral*
notch, *base* *short* *very* *obtus.* *these* *fld.*
pubescent, *sepals* *broad* *point* *reduced*, *not*
hyaline, *length* *of* *the* *obtus.* *angled* *abruptly*
incised *apex*, *petals* *obtus.* *3* *nerved*,
limb *of* *lip* *divided*, *disk* *fleshy* *terminal*,
side *lobes* *rounded*.
Placenta *is* *at* *border* *line*, *cutis* *black*,
minute *in* *dent.* *calent* *side*
stam *glan*, *internode* *in* *leaves* *2-3*
long *in*. *Thick* *nerve* *strong* *beneath* -
Reich *1* *stamb* *162* *8* *perillum*, *limb* *is* *gold*
11 *36* *row* *of* *lobes*, *accost* *parallel*
hind *in* *Wall.* *65* *7322*, *the* *of* *orchid* *237*
hither *which*

8. 8. *Halperia*

Halperia *linear* *lanceolate* *acute* *with* *a* *lateral*
notch, *base* *short* *very* *obtus.* *these* *fld.*
pubescent, *sepals* *broad* *point* *reduced*, *not*
hyaline, *length* *of* *the* *obtus.* *angled* *abruptly*
incised *apex*, *petals* *obtus.* *3* *nerved*,
limb *of* *lip* *divided*, *disk* *fleshy* *terminal*,
side *lobes* *rounded*.
Placenta *is* *at* *border* *line*, *cutis* *black*,
minute *in* *dent.* *calent* *side*
stam *glan*, *internode* *in* *leaves* *2-3*
long *in*. *Thick* *nerve* *strong* *beneath* -
Reich *1* *stamb* *162* *8* *perillum*, *limb* *is* *gold*
11 *36* *row* *of* *lobes*, *accost* *parallel*
hind *in* *Wall.* *65* *7322*, *the* *of* *orchid* *237*
hither *which*

28 FRIDAY [179-186]

Handwritten notes at the top of the page, including "abundant" and "flowers" with some illegible descriptions.

Handwritten notes describing plant characteristics, mentioning "stem", "leaves", and "petals".

Handwritten notes mentioning "Beylora" and "Central Province" with further botanical details.

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10. 8. 1

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SATURDAY [186-185]
St. Peter, S.R. 34, S.S. 318.

Sunday [181-184]
5th after Trinity.

Handwritten notes at the bottom of the page, including "Beylora" and "Central Province" with further botanical details.

1 MONDAY [182-183]
Last Quarter, 8.43 a.m.

in long, narrow, ...
 glands large. capsule ...
 stem 6 in stout, base 4-5 by 2 in dark
 green with a pale ...
 stem 4 in, bracts small, ...
 4 in diam, pale yellow, ...
 rostellum large, 3 lobed, ...
 a remarkable species, ...
 approaching that of *Baccharis* ...
 trace of a middle lobe ...
 from a beautiful drawing by ...
 observes that there is no apparent septum
 in the spur. Reichb. ...
 named it *Baccharis* ...
 alluding to the chalybeate rostellum, ...
 is not the plant he has described ...
 resembles *Baccharis* ...
 flowers are yellow. There is no middle lobe
 of the tip, ... septum in the spur.

2 TUESDAY [183-182]

fragrans
 stem 2 in. base 2-3 by 1 in, bases chiefly
 ...
 flowers rose-red, lateral ...
 petals linear-oblong, ...
 base sudden contracted ...
 inflated tips, ...
 Reichb. 1. This ...
 stem 2 in. base 2-3 by 1 in, bases chiefly
 ...
 flowers about 10 in long,
 ...
 black, ...
 a ...
 lanceolate ...
 ...
 ...

3 WEDNESDAY [184-181]

15. S. Right. of in part. Stem. 1911-1937; stems de
 buccosum. Raceme simple or branched, much longer
 than the leaves, sparse, mostly ovate, in
 lower than bottle shaped spurs, lip yellow, all
 lobes spreading round, middle narrow
 oblong, s. parvulum, Lindl. in Journ. Linn.
 Soc. III. 36. (in note), Anacardium paniculata
 Lindl. in Vell. Cat. 334, for var. chin. 234.
 Lidium batyrium, Bent. Ham.
 Botany of the Himalayas, Brit. Mus., at foot of
 Hamilton, Sylhet, N. India, Sikkim, Prith.
 Stem stout, rigid, internodes 2 in. Leaves
 3-5 by 2-4 in, fleshy, 5 nerved.
 with long slender peduncle 5-6 in.
 many fld; bracts subulate, yellowish;
 sepals 5 nerved; petals 5 nerved; lip yellow,
 somewhat, obtuse, 3 nerved, lip yellow,
 contracted, above globose-did.
 lobes of elongate column broad, rounded
 top, returned, rather long.
 of globose pollinia, slender, arched, gland
 v. minute. Column & lip as differ.
 genus than *Blattaria* L.C. suggests
 separation. *Blattaria* name of *parvulum*

4 THURSDAY [185-180]

16. S. Right. of in part. Stem. 1911-1937; stems de
 buccosum. Raceme simple or branched, much longer
 than the leaves, sparse, mostly ovate, in
 lower than bottle shaped spurs, lip yellow, all
 lobes spreading round, middle narrow
 oblong, s. parvulum, Lindl. in Journ. Linn.
 Soc. III. 36. (in note), Anacardium paniculata
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 many fld; bracts subulate, yellowish;
 sepals 5 nerved; petals 5 nerved; lip yellow,
 somewhat, obtuse, 3 nerved, lip yellow,
 contracted, above globose-did.
 lobes of elongate column broad, rounded
 top, returned, rather long.
 of globose pollinia, slender, arched, gland
 v. minute. Column & lip as differ.
 genus than *Blattaria* L.C. suggests
 separation. *Blattaria* name of *parvulum*

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 buccosum. Raceme simple or branched, much longer
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 lower than bottle shaped spurs, lip yellow, all
 lobes spreading round, middle narrow
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 sepals 5 nerved; petals 5 nerved; lip yellow,
 somewhat, obtuse, 3 nerved, lip yellow,
 contracted, above globose-did.
 lobes of elongate column broad, rounded
 top, returned, rather long.
 of globose pollinia, slender, arched, gland
 v. minute. Column & lip as differ.
 genus than *Blattaria* L.C. suggests
 separation. *Blattaria* name of *parvulum*

81 BILLS DUE WITH GRACE.
30 Days—Aug. 7.
60 Days—Sept. 6.
90 Days—Oct. 5.

JULY, 1918.

7th Month.

5 FRIDAY [186-179]
Dividends due.

obtusely... longer than the sepals
lobes...
Siphon...
...may elong, tortuous
flat, appressed...
...with 5-10
...the dorsal sepals to their
...oblong, obtuse, smaller
...reticulate, pollinia large, globose, clavate.

17. 8.
...stem v. short, leaves
...narrowed at both ends
...longer than leaves v.
...bracts subulate
...flowers, sepals &
...oblong, obtuse, lip corolla sac
...middle lobe...
...with a globose tubercle at the mouth of the
...root slender,
...black when dry,
...reddish beneath. Scape
...bracts subulate
...against cell.
...long or broad; lip

...perianth, its beak-like
...lobes
...a curious little plant...
...in dissecting the...
...description...
...which I
...reticulate
...recurved
...attached to

18. 8.
Gerdoniamum
...slender, sepals white, narrower than
...spur,
...lip oblong
...small round
Gerdoniamum, Highw. DC. T. 1756
...branches of trees & garden.

SUNDAY [188-171]
6th after Trinity.

...bracts
...flowers
...pollinia
...clavate
...from Highw.

W. C. Cullen, Wright, Bayton (Hoy - Lodge)
Lidlys N. C. Bayton
JULY, 1918. 7th Month.

24 WEDNESDAY [205-166]

oblique mucronulate
yellow above
pubescent back, & culm with mucronate
angles (a single flower only is in the
Wight's papilionum, is figured with deeply
2-lobed leaves & a curved spur; his
specimens (in the final) have curved leaves
8-10 by 1-1 1/4 in.

sect. IV. Platyrrhizon.

35. *S. viridiflorum*. Little is known. In loc. iii 36, leaves 1-2 1/2 in
recemes shorter than leaves subcorymbose
spurs acute glabrous within parallel. The
blade of the lip. Micropetal viridiflorum
the southern coast, in the western flats,
Ceylon. *S. viridiflorum*. (S. in Herb. 1200) Bayton
leaves 1 1/2-2 in broad. Receme 3-5 fld; bract
short, broad, obtuse, flowers 1/2 in diam
greenish white; lip elongate mid rose-color
blade situated at the mouth of spur which
it embraces, broad & deflexed, glabelliform
membranous, outer margin crenulate of this
side lobes few & rounded, spur short, conical
recurved.

25 THURSDAY [206-156]

36. *S. maculatum*. Leaves 1-2 in long, lanceolate
much longer than broad, many fld,
spurs obtuse yellow within. Micropetal
mucronate. Only *S. maculatum*
sect. IV. Pl. iii 575.
the southern coast & Bayton, in the western
flats, Bayton, Stocks, Pitchey etc.
leaves 1-2 in long, linear-oblong
mucronate, 2-lobed. Receme 8-12
vs shortly pedicel; bract short, broad; red
stems & pedicels 1/2 in diam, subsessile
sepals & petals yellow mid purple spur,
lip white & red color; blade situated below
mouth of the spur, acute obtuse spur, which
it overlaps, subcylindrical, entire; side lobes
conate, below narrow, recurved.
Capsule 1/2 in, 5-ribbed - other
within to 1/2 in, 5-ribbed - other
which Bayton has reported

37. *S. distichum*. Little is known. In loc. iii 36, leaves in lanceolate
racemes or 2-3 cespitate peduncle 2-3 fld
sepals petals ob. obl, lip with a sacate subhemis-
spherical spur, middle small elliptical or fleshy
line with a diaphragm above base.

31 Days.

AUGUST, 1918.

AUG. 2 to 6.

5 MONDAY [217-148]
Bank Holiday.

8. *Techer*, Rehb. 1. *lignulate obtuse 2-lobed*, raceme 2 fls. flowers
as in sect. *calceolaria*. sepals 5 petals 5. bellum
with red, by a cupule spur, side lobes red
slate - like - full. *gymnospor* spotted red.
Arundin, Rehb. 1. have seen only imperfect
cultivated specimens in Herb. Her. appears
to be a distinct large leaved species of sect. *calceolaria*

Calceolaria *guffithii*, Rehb. 1. in flora. new a. dentate
spur cylindrical hairy within, middle
triangular angled on each side of base
protruding 2 intermarginal lamellae
(linearis apice lobosis) ... water all over
the rest as in *A. dentata*, herb. Shoton, Giff.
Calceolaria *intermedia* Rehb. 1. in flora. new a. dentate
sem a. multiflora. flowers the store of
... papilla ... leaves shorter broad
ly ... 2 lobed, raceme show
... (lateral part thro) small
... plates hairy, middle
... ..

6 TUESDAY [218-147]
New Moon, 8.30 p.m.

Calceolaria *intermedia* Rehb. 1. in flora. new a. dentate
sem a. multiflora. flowers the store of
... papilla ... leaves shorter broad
ly ... 2 lobed, raceme show
... (lateral part thro) small
... plates hairy, middle
... ..

1. *guffithii* in Bot. Rev. 1942. leaves 8-10 in raceme
filiformis long lax fls. sepals 5 petals 5. petals
smaller & narrower. lig. broadly conically, acute
base 2 lobed, side lobes acute, narrowed
mid-lobe show broad toothed on each side
at the base. *Rehb. 1. in flora. new a. dentate*
Calceolaria *guffithii*, Rehb. 1. in flora. new a. dentate

95
30 Days—Sept. 9.
60 Days—Oct. 9.
90 Days—Nov. 8.

BILLS DUE WITH GRACE.

AUGUST, 1918.

8th Month.

Stem pendulous a thick as ducts of ...
leaves ... diam, obtuse. Racemes 6-10
curved; bracts minute ovate; pedicels ...
fls. 3 in diam, sepals & petals dark purple
margin ... fleshy white
base broad yellow, midlobe ...
a narrow lamina from base of midlobe down
to v. large-lobed flaps callus below the v
broad, thick yellow ... strap of oblong
pollinia rather broad, ...

7 WEDNESDAY [219-146]

2. 8.
Williamsoni

Reichb. f. in Herb. Gortzger, 1865. in f. ...
leaves 4-5 in racemes long leafy many fl
sepals ovate-oblong, petals smaller oblong
side lobes of lip erect oblong obtuse subulate
midlobe ... fleshy thick ...
acuminate, apex globose.

Thunbergia ...
Stem ... thick ...

leaves 6 in diam, curved, obtuse.

Racemes 6-8 slender, sometimes branched
bracts ovate-lanceolate; flowers 1/2 in diam
pedicelled, anastomosing; lip with a narrow
lamella from the base of the lip downward
to large lobes pubescent dorsal callus;

outer ...; pollinia v. minute subglobose
strap broad ... (at ...)

8 THURSDAY [220-145]

3. 8.
appendiculata

Hook. f. leaves 3 in, racemes short few fl
sepals oblong, petals smaller subrotate
side lobes of lip triangular acuminate,
midlobe short ... column pubescent
at the base ... apex ... shaped
slightly curved obtuse. D. tetraploides, Reichb.
in Trans. Lin. Soc. (1847) ...

Stem ... thick ...

leaves ... Racemes 1-2 ...

bracts minute
pedicels short; flowers ...; petals &
sepals ...

... 2-lobed ... lamina
... from the base of the midlobe;

dorsal callus v. large, lobed, pubescent at base
outer show; pollinia all large, strap broadly
triangular ...

but flowers v. ... and smaller & apex longer.

leaves ... stem elongate ...

Reichb. f. ...

14 WEDNESDAY [226-139]
First Quarter, 11.16 p.m.

vertical with some horizontal lines
 fls yellow
 narrow
 dorsal callus
 long
 glabrous
 column rather
 deflexed; strap
 slender glandular
 in herb. near
 the sepals & petals are
 than in the other, the
 a drawing of a flower of this
 berries small, rounded
 the ridge within the
 a septum, a
 intermediate between
 Pleisortone

11. 8. Parishii

Hook Bot. Beechey 521, leaves
 keeled, inequally obtuse
 or panicle above
 ovate obtuse; petals
 side lobes, yellow, rounded, middle
 ovate, strap
 the sepals
 described as
 stem 1-2
 roots
 leaves few
 stems closely
 in dense
 flowers
 yellow, seeds
 from septate below
 pollen large; column
 pollinia didymous, along
 below the
 narrowly
 minute

15 THURSDAY [227-138]

12. 8. longifolia

leaves N. thick, curved
 channelled keeled, obtuse
 fleshy, rachis
 stipes, stout, thick, reflexed, lateral
 broadly ovate, petals
 side lobes of lip
 ovate, concave, apex
 stem 3-4
 stout, few
 leaves 4 by
 2-3 in
 plants
 sheaths
 pubescent, sepals
 white, petals
 yellow, red
 dorsal callus
 didymous, column
 strap, not long
 described
 by Parish
 specimens
 from
 from

13. *S. Well & Hill* 16 FRIDAY [228-137] *Reg. 1870, leaves 6*
Oxyphyllus *acuminata*, racemes show
 dense flowers sepals obl. obt. petals small
 almost oblong, side lobes of lip seen in
 middle small, base incurved, lower part
 lower than sepals into a gland. 1000 ft.
Blechnum subulatum, *Palme* *Recht* 362
Impatiens pugionifera, *Blotzsch* in *Bot. Soc.*
Chinensis. *at* *Woulain* *Point*. *See* *short*,
 leaves thick, coriaceous, margins recurved
 narrowed to vein only. *P. lancea* 6 in
 bracts minute, acute; flowers *dark*
 dull purple, with yell. dot & margins, *upper*
 large, obtuse, separate below middle dorsal
 callus large lobed; column rather long, rostellum
 minute; anther *acuminata*, *pubescent* *dark*
 strap s. slender, gland minute. *V. near* *S.*
pugionifera *Recht* in *Bot. Soc. Fortey*
 but the leaves in this are *longer* *erect*
 much longer *Recht* says the *Oxyphyllus* is nothing
 but a narrow leaved var. of the Chinese
S. rostratum, but as noted *under* *acuminata*
 there has been *an* *misapplication* or *transference*
 of *Wallich's* name of *Oxyphyllus* *Wullichii* or
Wallichii *Wullichii* *Wullichii*

17 SATURDAY [229-136]
S. P. 448, S. S. 7.19

S. acuminata *Recht* *in* *Bot. Soc. Fortey* *1869*. *stem* *5m*
 leaves *3m* *staple* *stems* *erect* *as* *thick* *as*
 quill, racemes small, deformed many fls *very*
 triangular not half length of pedicelled *very*
 flowers small *pedicel* *lip* *long* *sepals*
 oblong petals *trilobed* *obtusely* *acute* *lip* *3* *pr*
 with lobes obtuse-angled *planted* *in* *middle*
 middle triangular *acute* *yellow* *upper*
 retrorse with an *erect* *lamellate* *grooved*
 callus under the column, *column* *bladder* *velvety*
 at angle of lip near its base. *Assam*. *Stiff*
as *if* *made* *of* *tin*.

S. aspersa *Recht* *in* *Bot. Soc. Fortey* *near* *S. Parishii*
 leaves *light* *bracts* *2* *toothed*, *peduncle*
 long slender flowers *bracted*, *spalling*
S. paniculata *Recht* *in* *Bot. Soc. Fortey* *lip* *purple* *spots*
 sepals ovate *apiculate*, petals *upper* *curved*
 with a longitudinal septum, side lobes
 semi-ovate *involute* *auricled* *at* *the* *isthmus*
 and base, middle sessile triangular, *Burma*

18 Sunday [230-135]
12th after Trinity

S. chrysantha *Recht* *in* *Bot. Soc. Fortey* *leaves* *broadly*
 ovate *unequally* *2* *lobed*, *panicle* *simple*,

101 BILLS DUE WITH GRACE.
30 Days—Sept. 23.
60 Days—Oct. 23.
90 Days—Nov. 22.

were brought under saccolabium the result
would be AUGUST, 1918. more satisfactorily
8th Month.

21 WEDNESDAY [233-132]

There are no characters of habit or habit
whereby the three can be distinguished, &
the structure are v. minute and often obscure
in Pleurostoma & are similar to the dorsal
appendix within the operis, etc. a 2-lobed
cellular or thin scale, suggesting the propriety
of rearranging the species of both genera
of this character, but it is one so difficult
of accurate observation in dried specimens
that I hesitate to adopt it.

* Stem more or less elongate. Peduncle stout,
usually longer than the leaves branched,
erect; flowers in short spikes or racemes
terminating the branches, (as in *hirsutum* & *pedicellatum*)

1. *C. latifolium*. Willd. in Bot. Reg. 1843. C. proem. Kunt
grows 4000 Dec. 1850

2. *C. andamanicum*. Hook. f. Bot. Beechey 46. l. 2-3 in. bracte,
pedicels unequal, or exceeding leaves,
side lobes of lip short truncate, midlobe
v. short reniform, apex cylindrical.

South Andaman Island
Stem as thick as a goose-quill, leaves
very coriaceous, rounded obtusely
apex usually 2-lobed, peduncle long
sheath annular, bracts & flowers as in
C. latifolium. flowers of pale greenish yellow
with a purple base. The margin
lip yellow, apex spotted with red, dorsal
callus retuse; column v. stout, rotellum
large, prominent; anther ovate, acuminate
strap of glabrous; pollinia slender, plan
pedicel 2-jointed. *C. latifolium*
but much more slender, leaves smaller &
narrower to apex cylindrical.

3. *C. maculatum*. High. Gen. & sp. orchid. 227. leaves 6-7
in. long by 3-4 in. antherly bracte. peduncle stout
shorter or about equalling the leaves, side
lobes of lip short truncate, midlobe v. short
ovate papillose, apex acute. *C. galatium*
differs in dorsal callus, *Saccolabium galatium* f. n. 58.
lateral lobes of lip, *hirsutum* etc.
Stems as thick as a goose-quill, leaves
coriaceous, obtusely frequently 2-lobed.
peduncle with annular sheath of bracts, short
erect; flowers of pale yellow spotted red
apex and base. *C. hirsutum* & *pedicellatum*
dorsal callus truncate; column stout, rotellum ch

30 FRIDAY [242-123]

10. *C. undulatum* *Stem* *is* *short*. *Leaves* *linear* *obovate* *or* *oblong*. *Peduncles* *raceme* *or* *apical* *in* *the* *shorter* *than* *leaves*.
1872

11. *C. ...*

12. *C. ...* *leaves* *1-1 1/2* *in*.
Wendlandorum *raceme* *simple* *or* *branched*
many *fls*, *sepals* *obovate* *oblong*, *petals*
increased *side*, *lobes* *of* *lip* *obovate* *rounded*
and *lobe* *small*; *ovicular* *fleshy*, *spur*
short *inflated*. *C. Callisium* *Blacks* *in*
Boupland *(not* *of* *Stue)* *Pomato* *sculp*
spicatum, *Ruhl*; *Herz*
Pachas. *Zeeman*. *Demakem* *and* *Andaman*
Islands, *Orchely*. *Stem* *1* *to* *2* *in* *d*. *Stems*
roots *fasciated*. *Leaves* *coriaceous*, *2* *lobed*
venicled, *midrib* *sheath* *stems*. *Raceme*
panicled *1* *to* *2* *in* *d*. *Flowers* *10* *in*
bract *yellow* *papillone* *spur* *is* *short*
bract *truncate* *dorsal* *scale* *semi* *inter*
erac; *column* *sub* *rotellum* *beaked*; *in*
the *bract* *strap* *of* *glabrous* *pollin*
linear *gland* *small*. *Cephal* *in* *Pachas*
in *linear* *oblong*. *Ornith* *large* *plant*
than *C. undulatum*, *saved* *after*
Wendland *of* *Herrenhausen* *1872* *1873*

SATURDAY [243-124]
S.B. 11, S.S. 19.

13. *C. ...* *leaves* *ovate* *or* *obovate*
raceme *simple* *or* *branched*
many *fls*, *sepals* *obovate* *oblong*, *side*
lobes *of* *lip* *truncate* *oblong* *angled* *mid*
lobe *oblong* *ovate* *inflated*
Assam. *Mann*. *Kittim* (see *Herz* *Clark*
Del *seen* *in* *sp*. *it* *is* *as* *small*
C. undulatum *for* *which* *it* *differs*
in *the* *mid* *rib* *sheath* *peduncle* *of* *d*
raceme, *or* *small* *flowers* *about* *10* *in*
diam *of* *pure* *golden* *yellow* *flushed* *with* *red*
at *base* *of* *petals*, *acceding* *to* *Kittim*
during *the* *season* *of* *April* *and* *May*, *2* *in*
column *obovate*, *arter* *obovate*, *obovate* *pollin*
oblong *strap* *dilated* *apex*, *rather*
long, *gland* *small*.

Sunday [244-125]
14th after Trinity.

14. *C. ...* *leaves* *8-10* *by* *1* *in*
decipiens, *which* *people* *do* *not* *know*, *peduncle* *and*

2 MONDAY [245-120]

Partridge Shooting begins.

or branched, spike many-petaled
 long entire spike short gibbous C. maculosa
 A draining this plant from the Peruvian
 Herbarium represents its stem 1 1/2 in long
 the leaves 5-6 in long - - - - -
 obtuse, 2-lobed, sheaths 2 in long, sudanic
 glaucous speckled purple. Flowering peduncle stout
 speckled purple with dense fls spike 2 in length
 at 6 in in pairs bracts minute, subulate;
 flowers 4-6 diam yellowish, more or less
 suffused with red capsule sessile 2/3 in
 high oblong. Dringer Wright suspects his
 Swartzianum to be kindly decipiens.

15. C. Hook f. leaves 3-4 by 1/2-1 in. *bicuspidatum* Re
 sepals orbicular to obovate-obtuse, petals
 ob- obovate side lobes of lip pl
 truncate, middle lobe v. stout acute
 recurved, spur cylindrical longer than
 sepals obtuse
 Sikkim Himalaya, near Darjeeling, Andam
 in West Bengal, Chasie Hills, alt. 2000 ft
 Anam. Masseria Paris.

3 TUESDAY [246-119]

stem v. short. Leaves plus a crowded
 towards base lobes v. acute, often unequal
 the longer 3/4 in. Peduncle with 5-6 fls simple
 or branched raceme 2-5 in bracts small,
 ovate; flowers 1/2-3/4 in diam spreading
 or reflexed; sepals petals yellow green
 with a median stripe; lip white, speckled
 or flushed rose, spur longer than sepals,
 mouth infundibular with a thickened ridge
 dorsal callus 2-lobed column short
 rostellum long decurved, anther beakless,
 strap of globose pollinia dilated upwards
 tip rounded protrude beyond pollinia,
~~man in red~~ beyond ovule.

Species unknown to me.

C. discolor, Hind in Botany. 845. Leaves oblong
 channelled oblique truncate, peduncle
 long slender dull purple than
 the extremity, sepals orb- long-ovate
 5-nerved, petals elliptic, both dull
 yellowish with a greenish tinge; lip 3 fid
 side lobes plume with a conical caruncle
 in the inner faces within dorsal tooth

113 BILLS DUE WITH GRACE.
30 Days—Oct. 21.
60 Days—Nov. 20.
90 Days—Dec. 20.

SEPTEMBER, 1918.

9th Month.

18 WEDNESDAY [261-104]
Ember Day.

Handwritten notes:
The flowers are...
The calyx is...
The corolla is...
The lobes are...
The lip is...
The base of the lip is...
The petals are...
The stamens are...
The ovary is...
The fruit is...
The seeds are...

* Leaves are...
trilobed...
or inclined or decurved...

1 P. *cultus*

leaves ensiform
obovate acute, lip cuneately oblong
truncate 5-nerved.
Tropical Hinddays; Nepal, Malabar;
Sikkim J. D. H. Assam, waters, Acham
Charles. Duresserim; the Athra river, Pank
stem 3-7 in. with base $\frac{1}{3}$ - $\frac{2}{3}$ in broad,
leaves $\frac{1}{3}$ - $\frac{2}{3}$ in, many nerved. Peduncle
short, decurved; bracts ovate-lanceolate
flowers $\frac{1}{2}$ in long, dorsal sepal broad
5-nerved, lateral subacute; petals broad
obovate, acute, 3-nerved, anther sessile
base of lip broad. Sepals $\frac{1}{4}$ in. The
lip resembles that of an appendicula;
I doubt its being articulate & mobile.

19 THURSDAY [262-103]

2 P. *falcatus*

habit. for sp. D. C. 234. leaves ensiform
obtusely, lip narrowly closed oblanceolate
3-nerved, base with a short notched appendage
Baylor; Central Province alt. 3-6000 ft.
Common. Habit of P. *cultus*, but stem
longer, 6-12 in. Pistillum with an
involucrate top, round which the capillary
tails of the pollinia are curved, gland
minute. Dist. var. *angustata*. Th. (P.P. 3889)
The leaves are so closely appressed to one
another, that not even the points are free
the breadth of the stem across the leaves
is only $\frac{1}{3}$ in.

3 P. *malabaricus*

Niph. de. r. 1748. p. 2; leaves obtuse, spike
many-fl'd, much longer than leaves,
mentum sh. short, lip linear-lanceolate
obtusely contracted in the middle. Welp. An. 12893
Malabar Gordon; Wynnad jungle, Trav.
Dravacole, Johnson. Stem 1 ft. high 3-5 in
 $\frac{1}{2}$ in across the leaves. Leaves $\frac{1}{2}$ in straight.
Spike 1-1 $\frac{1}{2}$ in inclined or horizontal few-fl'd
bracts broadly ovate; flowers white tipped with
pink

Handwritten notes at the top of the page, including "Sept. 18 to 22" and "114".

20 FRIDAY [263-102]
Ember Day. O Full Moon, 1.1 p.m.

Handwritten botanical notes, including "leaves flat, not equilateral" and "compressed".

* *

↑

5. P. uncinifera

Handwritten botanical description for 5. P. uncinifera, mentioning "leaves 2-4 in long" and "peduncles many & slender".

21 SATURDAY [264-101]
S. Matthew. Ember Day. S.R. 544, S.S. 6.2.

↑ ↑

6. P. microphyllus

Handwritten botanical description for 6. P. microphyllus, mentioning "leaves 1/2-1/4 in elliptic-lanceolate" and "stems 6-8 in".

22 SUNDAY [265-100]
Trinity.

82-24/59

Microphyllum ...
Stems 4-6 in, single, slender, terete,
articulate or slightly, ...
flowers 1/2 in long,
mentum glabrous; petals ...
claw of lip inserted
failed to discover the appendage
winged, divided
at the base into two long

longer than the short ...
the style of which is ...
2-cuspidate - this differs in every respect
from *Microphyllum*
and especially in the ...

8. *P.*
lucens

Blume. Bijdr. 295. T. 12. stem slender erect
leaves 3-4 in elliptic or linear-oblong
or apiculate, spike elongate many fld. bracts
oblong obtuse, base sagittate.

Distrib. at Aargui, Happa, Parit
Distrib. Sumatra, Java, Borneo. Stems
4-8 in, rigid. leaves blade when dry, open
many-nerved. spike 1/4-1 in, flexuous
flowering at the base; bracts 1/2 in, strongly
nerved, flowers 1/10 in diam.

9. *P.*
acicularis

Hook. f. Sc. Plant. ined. stems densely tufted
filiform, leaves 1/6-1/4 in acicular, spike
n. short 3-4 fld. lip broadly oblong or obov.
3-nerved base cordate with an indented
horn on each side. Penang, Naigay,
(see distrib 1653/2) Batak Scouting etc.
Stems 6-8 in, flexuous, diffuse. Leaves
sub-erect, fully acuminate. flowers 1/12 in
long, white; bracts n. minute. sepals obtuse or acute
petals linear, 1-nerved; mentum short, rounded

27 FRIDAY [270-95]
Last Quarter, 4.39 a.m.

Handwritten notes:
... the ...
...
... variety.

Handwritten notes:
... numerous lateral
... with a broad bordered
... the calceolar membrane, callus, which
... in ... *Wendrobin trifidum*
... in ... 2002. in ... Penang
... Perak, Scortechin.
... without a median callus on disk.

Handwritten notes:
Blume, Bijdr. 303: leaves $\frac{1}{2}$ - $\frac{1}{4}$ in. bl.
strong, 2-pid, blades 2-cuspidate, flowers
in terminal, bracteate heads, lip $\frac{1}{2}$ -
shortly ovate with a large transverse basal
appendage. *Handl. Jav. & Sum. Bot.*

Handwritten notes:
A. stipulata, Griff. *Bot. Austral.* iii 358.
... *Handl. Jav. & Sum. Bot.*

Handwritten notes:
Perak, Scortechin. *Dist. Jav. & Sum. Bot.*
Stem 6-18 in simple, leaves close together
coriaceous, base truncate, tip not contract
heads of flowers sessile; bracts lanceolate
serious, obtuse, many-nerved; flowers
 $\frac{1}{8}$ in long, erect cream color. *Handl. Jav. & Sum. Bot.*
petals linear, obtuse, claw of lip as long
as the part of column ...
throughout its length; limb broadly ovate
narrower than the appendage, which has
linear lobes ... tubercled in the sinus
column with short truncate wings. The leaves
are often ... pitted.

3. *Handwritten notes:*
A. *Handl. Jav. & Sum. Bot.*
Lewinii, leaves 1-3 by $\frac{1}{2}$ - $\frac{1}{3}$ in linear or obl. lanceolate
racemes ... short leaf-opposed, ...
lip ovate many-nerved, base calceolar.
A. cyathifera, Leich. f. n. s. *Metadilium cyathiferum*
Wendrobin vaginatum, Willd. n. s.

Handwritten notes:
Penang, ... (Res Dist. 1616), Curtis, Perak
Scortechin, ... Singapore, ...
Stem 6-18 in ... Michaelmas Day.
 $\frac{1}{3}$ in long. Racemes ... and ...
sheaths 1 in long. Racemes ... terminal, 1-1 $\frac{1}{2}$
in, many fld; bracts small, ovate-lanceolate, reflex
flowers about $\frac{1}{4}$ in long, yell-green; sepals acute;
petals elliptic, 1-nerved; claw of lip adnate throughout

its length to the foot of column, column without callus.
Lip attached by a short, free claw to the apex
of the foot of the column.

4. *cordata* Hook. & G. Pl. Jav. ined. leaves 1 1/2 in. in
oblong, bidentate, 2 spikes v. short, narrow,
few-rid. mentum obscure, foot of column s. short
lip 3 nerved with a semilunar
ridge toward the base. Perak, Cortechin
stem (gle of apex) 7 in, unbranched.
membranous, papillate between
the teeth, sheath 1/2 in spikes 1/2 in 3-4
bracts sheathing the rachis, erect during
flowering, then reflexed strongly
to 1/2 in long, dotted; sepals ovate,
obtusely 1 nerved, base of lateral gibbous,
petals large, obtusely 1 nerved; column
narrowed; hostellum v. large. ovary
The column increased spike spreading nearly
symmetrical lateral sepals + short foot of
column, are all white. Other species of the genus
The solitary specimen may not represent the
plant family.

5. a. *Wagneri* Hook. & G. Pl. Jav. ined. leaves 3/4 to 1 in. oblong
lanceolate obtuse, minutely obtuse 2 fid
racemes minute leaf: opposite 1-2-3 fid. fls
near minute mentum lobose, lip ovate
obl- 5 nerved base calceol

OCT. 1 TUESDAY [274-91]
Pheasant Shooting begins.

Epidendrum helandrum Koenig in Retz. Obs.
in Hain. Herb. Rottler 1879
stem decussately 4 to 6 in, slender. Leaves
close set, membranous, base rounded,
sheath 1/2 in. Racemes 1/2-1 in, decurved,
rachis slender, flexuous; bracts lanceolate,
reflexed after flowering; petals ovate,
acute, cuneate, elliptic 1/2 in long; sepals
lip sessile at base. Column 1 nerved,
thickly distended apex a dot. I have seen
no specimens of Rottler's *helandrum*
in Herb. Its slender tufted habit (nervous
of stems on a tuft) + minute racemes
of flowers to the 1/2 in; no locality is attached,
the specimen is to Koenig's description
Rottler received (through Heyne) plants of both
indianum + *helandrum* from the same
locality. *indianum* rare can be ascertained.

6. a. *torta* Blume. Bijdr. 303; leaves 1/2 to 1 in. obl. tip
rigid, unguiculate bracts of terminal sessile
spike as long as leaves decussately equitant
tuberculate scabrous, recurved, complicated
& enclosing the solitary fls, mentum cylindric
lip narrow panduriform, furrowed, margin
narrowed toward, narrow base calceolar
sudden dilated into a broad transverse
oblong jetted serrulate concave terminal
lobe. Hindl. for sp. Orchid. 230; Reiche. J. Her. Bot.
Perak, Cortechin. Distib Java, Borneo.

119 BILLS DUE WITH GRACE.
30 Days—Nov. 4.
60 Days—Dec. 4.
90 Days—Jan. 3.

OCTOBER, 1918.

10th Month.

2 WEDNESDAY [275-90]

stem 12-18 in, simple, compressed, branched, compressed
rather close set, membranous, base 1/2
unplexical. Racemes 2-5 in suberect
bracts obl. lanceolate, membranous, base
5-nerved. fls. 3/4 in long, sepals greenish
tip purple; petals elliptic, obtuse, 3-nerved
lip, cordate yellow + purple, column
named, capsule 1/2 in length

7. A. Reich. sp. seen. H. Vt. 299; leaves 3/4-1 1/4 by
xiphiophora 1/2-1/3 by 1/2-1/3, lanceolate obtuse
apiculate sessile, elongate terminal
sheath laxly membranous, nectary broad
inverted lobes shortly subulate 5-nerved
base narrowed, setae colorate
Perak. Serapium - Philipine Isl.
stem 12-18 in, simple, compressed. leaves
rather close set, membranous, base 1/2
unplexical. Racemes 2-5 in suberect
bracts obl. lanceolate, membranous, base
5-nerved. fls. 3/4 in long, sepals greenish
tip purple; petals elliptic, obtuse, 3-nerved
lip, cordate yellow + purple, column
named, capsule 1/2 in length

3 THURSDAY [276-89]
Charles Letts's Diaries for 1919 published.

8. A. Hook. f. DC. Plant. Ind. tall, leaves 3-4 by 2-3/4
lanceolate obtuse serrulate racemes elongate
simple or branched, stem hairy densely fld.
nectary cylindrical lip shortly obl. 3-lobed
side lobes angled, middle broadly
ovate acute, base broadly cordate
Perak. on fringing Batu Pateh, alt. 3-4000 ft
on rocks. Phipps collect. stem 12-24 in
stout, terete. leaves rather thin, base
penninervate unplexical; sheath 1/2 in. racemes
3-6 in tall, leaf opposite, sessile or
peduncled, erect; rachis glabrous; bracts 1/2 in
obl. obt. concave, recurved, strongly nerved,
flowers 1/2 in long, light yellow with red center
lateral sepals recurved, acute; petals
obl. obt. 3-nerved; column unguiculate; anther
strongly ribbed. capsule 1/2 in
A. cristata Blume. Java. low shrub the limb
1/2 in long, rounded, emarginate + crenate
the lower side.

9. A. A. Hook. f. DC. Plant. Ind. leaves 2-3 by 1/2-1/2 in
linear lanceolate, tip dilated, apiculate
racemes terminal hairy + densely fld. bracts
spreading + incurved, nectary rib. cylindrical

Stems 6-16 in; rather slender or stout,
unbranched. Leaves
at base, tips minutely 2-fld or rounded.
Racemes 1-2 in, simple or branched
suberect, flexuous; bracts 2-4 in. deflexed
then incurved, coriaceous or
ribbed; fls. 4-10 in long; lateral sepals broad,
obtusely, some slender; petals linear or
obovate-obl., narrow; gynoecium
unarmed, pistillum short, triangular.
anther ovate, acuminate. Capsule 2 in
longer than the pedicel, the
is longer than the pedicel, the
narrower, curved. The species
compressed with a. *shantungensis*, *Leys*
- *Bijdr. Bot. Ind. N. H.*

5 SATURDAY [278-87]
Dioecious due. New Moon 3 5/8 a.m.
S.R. 6.7, S.S. 5.30.

10. *Hostia* f. *de Plar.* var. *rigida*; leaves 3/2 in, base
echinocarp. var. *officinalis* - obl. coriaceous
thickened upper base reflexed, spine
shorter than leaf. Bracts orbicular
incurved, capsule elliptic, valves densely
clothed with bristles.
Perak; lower camp in Gunung Batu Petak, 3400 ft.
Stem 4-6 in, slender, rigid; internode
6 in. Leaves semi-amplexicaul, pale,
opaque, rather waxy, tips rounded,
obovate, 2-3 in, with incurved teeth;
upper base usually reflexed, spine an ear.
Capsule 1/4 in long, trifid. A v. remarkable
species. A. *longifolia* Blume. *Bijdr.* 304
Blume, *Amboina*, *Ind. N. H.* 304
of the plant the doubt is referred to
the name of the Java. A. *longifolia*, this
rather deciduous *longifolia* "Stems simple
compressed, leaves linear-lanceolate
retuse, flowers densely capitate" *Swartz*
adds: leaves 3-5. 1/2 in, retuse mucronate
Can the leaf for plant be an *Amboina* *Shantungensis*.
Threatia A. *densifolia* *Blume* 359.
Ceratostylis *Thes.* R. 1. var. *R. V.* p. 825. A. sp.
gill *notul* 359 *Sunday* [279-86]
of *from* *Shantungensis* *ciner* (its body in *Herb*
the *gill* *vii* 36 *shantungensis*) the an appendicula

Epiphytes, with either small 1-2-leaved
pseudobulbs, or with short compressed stems
clothed with equitant leaf sheaths. Leaves

121 BILLS DUE WITH GRACE.
30 Days—Nov. 9.
60 Days—Dec. 9.
90 Days—Jan. 8.

OCTOBER, 1918.

10th Month.

7 MONDAY [280-85]
Mohammedan Year 1337 begins.

oblong or linear-oblong flat, or horizontal
at the sheath. Scape from the
base of the pseudobulb, or lateral on the stem;
with 1-3 ... minute apiculate
cells. ...
lateral concave keeled or winged. Petals narrow
membranous ... ovate or ...
rostellum terminal, large, erect;
anther elongate dorsal, erect, base ...
pollinia v. minute, globose, attached by
long threads to the tip of the rostellum.
gland small. Capsule v. small, turgidly
ovoid. Species shows 10 tropical Asiatic
... I am not well satisfied as to
the character of lateral sepals if they
as to their being winged or not; the sepals
are v. soft & their exact structure not very
... specimens that we have seen dried &
examined.

leaf. Euthelasis. Pseudobulbs 1-2 leaved.
Lateral sepals distinctly strongly keeled or winged.

*
T.
pygmaea

Bill. in Journ. Soc. III. 63; scape 1-2 in
longer than the solitary linear leaf, spike
v. short laxly, lip ovate acute contracted
towards the tip. Prothosia pygmaea Griff
in Calcutt. Journ. Geol. (cult in Herb. Bot. Calo.)

8 TUESDAY [281-84]

Griff. Analeth. Jordan, Senasserim
v. Anouman, v. Anis. Pseudobulbs 1/2-3/4 in
diam. Scape v. slender, curved; spike 1/2-1 in
long; bracts ovate, acuminate; flowers 10 in
long; dorsal sepal ovate lanceolate acute
lateral linear-oblong; lip 3-nerved, with
rounded sides. In the middle of the base,
rostellum 2 fid. The Analeth. plant seems
the same as the Senasserim. This is in a
Pelouze state, translucent. with the petals &
lip similar, ovate, lanceolate, 3-nerved; ovary
with imperfect ovules.

Var. multiflora. leaf large 3-4 in in scape
shorter 1/2 in spike 1/2-2 in Sikkim Hindley
set. 1000 ft. In the ...

2. T.
capitata

Blume Bijdr. 386; scape 4-6 in stem longer
than the linear solitary leaf spike cylindrical
dense fls rachis pitted, lip obl-ovate obtuse.
Gerak Bantech. Cristul Sumatra, Java.
Pseudobulbs small, obl, or ... creeping
rhizome. Leaf 3-4 in obtuse or subacute.
Spike ... bracts v. close set, ovate acute
acuminate. flowers 10 in long; dorsal sepal
ovate lanceolate, lateral oblong concave thick
keeled or shortly winged; petals lanceolate,
acuminate; rostellum elongate, subulate, entire

from the Sumatran *capitata* 122
 of the *acuminata* petal + entire
 rostellum of *triplicata* *anacilla*, which has
 an ovate lip in *capitata* to the *capitata*.

WEDNESDAY [282-83]

3. *elongata* Blue Orchid. Aclij. Ind. 23. T. 7. p. 2.
 Scape 4-6 in. longer or shorter than the
 linear leaves. Side of midrib dense fls. lip
 ovate gentle or acuminate. Singapore;
 at Johore, etc. Pseudobulb v. various in form. Spike
 as in *T. capitata* from which it differs
 in form of the lip. Blue's figure is a
 v. bad one and does not show the
 lateral sepals + angles of the ovary.
 The species of this section are v. difficult
 discrimination in a dried state + possibly
capitata elongata, *triplicata* + others are
 all *triplicata* ones.

* * Lateral sepals not strongly keeled or winged.

4. *hipha* T. Hook. 9. 30. Plant med; scape 8 in much
 longer than the 2 opposite elliptic-lanceolate
 acuminate leaves. Spike v. long fls. lip
 broad elliptic obtuse. *Kharia* v. *lbb.*
 Pseudobulb. 1/3 in diam. Leaves 3 1/2 by 1 1/4 in
 spreading, *10 THURSDAY [283-82]* contracted. Spike
 bracts broadly ovate, obtuse; fls. 5 in long
 sepals broad obtuse; petals 1 ob
 1-nerved; lip 5-nerved, broadest
 in the middle; rostellum v. long, acuminate
 entire.

5. *Khariana* T. Hook. 1. 30. Plant med. Scape + spike rather
 stout. Bracts ovate-lanceolate. Sepals
 ovate-lanceolate, obtuse; petals lanceolate,
 obtuse; lip 3-nerved, broadest rather
 near the base than tip. Rostellum large
 acute. No like *T. pygmaea*, but a much
 larger plant, without keel or wing on the
 sepals.

6. *longipila* T. Hook. 30. Plant med; scape stout with
 the spike 6-9 in. Scape equaling the whole
 leaf, spike elongate leaf fls. lip elliptic
 whole ovate acute. *Kharia* v. *T. H. + T. T.*

Differs from *T. Khariana* in being v. much
 larger, of in the acute lip. Pseudobulb. 3/4-1 1/4 in
 diam. Depressed-globose. Leaf sometimes
 falcate, 2 3/4-1 1/4 in broad, fls. 6 in long.
 Dec 11. *Oxanthera* Brongn. (fem). Pseudobulb
 0; stem short, clothed with the
 equitant sheaths of the linear leaves which
 are jointed at the sheath. (*Oxanthera* is a
 very natural group)

11 FRIDAY [284-81]

7. *T. Hood* f. *sc. plant. med. leaves 10-14 in tip*
relata. *1-1/4 in tip*, scape *erect*, or
spreading, *the leaves*, *raceme* *longitudinal*
long fld. *erect*, or *decayed wood*, *fig. 1*
Rootstock *is thick as the little finger*. *Leaves*
few, sheaths *2 1/2 by 2 in.* *complicate*
conspicuous. *Scape* *v. slender*, *fleshy*;
sheaths *3-4* *1/2 in long*, *membranous*,
lanceolate; *bracts* *ovate*, *erect*,
spreading *+ reflexed*; *fig. 2* *in narrow*
shortly pedicelled; *sepals* *linear* *1-nerved*,
venation *distinct*; *petals* *lanceolate*
acute *in lip* *erect*, *plac* *short*; *lip*
is a subcordate, *margin* *waved*, *base*
round *2*. *anthers* *anthers* *revolute*;
rostellum *2*. *partite* *segment*;
pollinia *8*, *short* *obovoid*. *sem*;
T. carinata *Bl.* (of which I have seen
no flowers) *but* *the leaves* *are* *v. much* *larger*
the scape *v. slender*, *raceme* *long*,
bracts *acuminate*.

8. *T. Hood* f. *sc. plant med. leaves 4-6 in tip*
decurva. *narrow* *obovate* *obtusely* *notched* or
subacute *scape* *v. slender*, *raceme*
v. short. *decurva*, *bracts* *reflexed*, *lip*
deeper *shaped* *for* *a* *concave* *curve* *base*
terete *fleshy* *beyond* *the* *middle* *with*
the *curved* *margin* *inflexed* *&* *close* *to*
the *axillary* *line*.
Singapore: *at* *Kraji*, *Ridley*. *Penang*, *at*
Foot Hill, *an* *obovate* *leaves* *1/2-3* *in* *broad*
scape *shorter* *than* *leaves*. *filiform* *fleshy*
sheath *1-2* *lanceolate* *obovate* *1/2* *in*. *pedicel*
1/6 *in*, *longer* *than* *the* *bl.* *bracts*; *flowers*
1/8 *in* *long*, *pale* *green* *colour*. *sepals* *ovate*
lanceolate *acute* *unmarked* *along* *the*
petals *1-nerved*. *This* *much* *resembles* *the*
fig. 10 *O. vicintha*, *Bl.*, *which* *is* *fig. 1*;
leaves *having* *a* *short* *hoop*, *ovate* *obtusely*
lip *narrowed* *into* *a* *shallow* *claw*
concave *the* *leaves* *of* *some* *species*
are *narrow* *at* *the* *tip*, *other* *have* *2* *rounded*
lobes.

13 SUNDAY [286-79]
20th after Trinity. - First Quarter, 5.0 a.m.

T. carinata *Doubtful species.*
Reichb. f. in *Tras.* *in* *Stav. xx. 137*? *of* *Blume* *Bijl*
as *the* *absence* *of* *flowers* *is* *impossible* *to* *say*
what *species* *this* *may* *be*. *It* *differs* *greatly* *from*
the *fig. 9* *of* *Blume's* *T. carinata* *from* *Java* *is* *an* *at*

31 Days.

size, sh. with ...
abstract, in all ...
OCTOBER, 1918.
assembly T. dec ...
Arduous. C. ...
 14 MONDAY [287-78]
Michaelmas Fire Insurance, ceases. 198, T. 37. 03 ...
...

OCT. 11 to 15.

15 TUESDAY [288-77]
Interest payable on 4% War Loan 1929-1942.

30 Days—Nov. 18.

60 Days—Dec. 18.

90 Days—Jan. 17.

OCTOBER, 1918.

10th Month.

16 WEDNESDAY [289—76]

16 *Comm. corvi*

Habitat

Flowering period

Duration of bloom. Each flower lasts about 10 days.

17 THURSDAY [290—75]

127 BILLS DUE WITH GRACE.
30 Days—Nov. 23.
60 Days—Dec. 23.
90 Days—Jan. 22.

OCTOBER, 1918.

10th Month.

21 MONDAY [294—71]

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22 TUESDAY [295—70]

[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

31 Days.

OCTOBER, 1918.

OCT. 21 to 24.

23 WEDNESDAY [296-69]

24 THURSDAY [297-68]

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25 FRIDAY [298-67]

[Faint handwritten text, likely bleed-through from the reverse side of the page.]

7. T. Kirkham

[Faint handwritten notes and text, possibly describing a specimen or observation.]

26 SATURDAY [299-66]

—Last Quarter, 5.35 p.m. S.R. 6.43, S.S. 4.45.

[Faint handwritten text, likely bleed-through from the reverse side of the page.]

27 Sunday [300-65]

22nd after Trinity

131 BILLS DUE WITH GRACE.
30 Days—Dec. 2.
60 Days—Jan. 1.
90 Days—Jan. 31.

OCTOBER, 1918.

10th & 11th Months.

30 WEDNESDAY [303-62]

[Faint, illegible handwriting covering the page]

31 THURSDAY [304-61]

Aug. to Oct. Game Certificates exp. re.

31 & 30 Days.

NOVEMBER, 1918.

OCT. 30 to NOV. 3.

1 FRIDAY [305-60]
All Saints.

Across

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Representative.
2 SATURDAY [306-59]
All Souls. S.R. 6.55, S.S. 4.31.

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3 Sunday [307-58]
23rd after Trinity. ● New Moon, 9.2 p.m.

133 BILLS DUE WITH GRACE
 30 Days—Dec. 7.
 60 Days—Jan. 6.
 90 Days—Feb. 5.

NOVEMBER, 1918.

11th Month.

4 MONDAY [308-57]

Three plants	1	100	15	400	100
	2	100	11	400	100
	3	100	2	400	100
			58		

5 TUESDAY [309-56]

Hobsonii
 Small low near streams and in damp jungle near Lomas. Growing with *Ascorhiza* *nitida*.

		Flowers	Capsules	%	%
5 plants examined	1	86	14	16.28	16.28
	2	80	14	17.50	12.28
	3	110	28	25.45	13.64
	4	45	5	11.11	11.11
		<u>321</u>	<u>61</u>	19.00	13.70
This species was very common in the district.					
	5	79	21	26.58	
		<u>400</u>	<u>82</u>		
				Total	20.50

30 Days—Dec. 11.

60 Days—Jan. 10.

90 Days—Feb. 8.

NOVEMBER, 1918.

11th Month.

8 FRIDAY [312-53]

9 SATURDAY [313-52]

S.R. 7.8, S.S. 4.19.

10 Sunday [314-51]

24th after Trinity.

30 Days.

NOVEMBER, 1918.

NOV. 8 to 12.

11 MONDAY [315-50]

Half Quarter Day. Martinmas.
» First Quarter, 4.46 p.m.

[Faint handwritten notes, possibly describing astronomical observations or weather conditions.]

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12 TUESDAY [316-49]

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BU 29/30

137 BILLS DUE WITH GRACE.
30 Days—Dec. 16.
60 Days—Jan. 15.
90 Days—Feb. 14.

NOVEMBER, 1918.

11th Month.

13 WEDNESDAY [317-48]

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14 THURSDAY [318-47]

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15 FRIDAY [319-46]

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16 SATURDAY [320-45]
S.R. 7.20, S.S. 4.9.

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17 Sunday [321-44]
25th after Trinity.

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139 BILLS DUE WITH GRACE.
30 Days—Dec. 21.
60 Days—Jan. 20.
90 Days—Feb. 19.

NOVEMBER, 1918.

11th Month.

18 MONDAY [322—43]
○ Full Moon, 7.33 a.m.

19 TUESDAY [323—42]

30 Days.

NOVEMBER, 1918.

NOV. 18 to 21.

20 WEDNESDAY [324-41]

21 THURSDAY [325-40]

141 BILLS DUE WITH GRACE.

30 Days—Dec. 24.

60 Days—Jan. 24.

90 Days—Feb. 22.

NOVEMBER, 1918.

11th Month.

22 FRIDAY [326—39]

23 SATURDAY [327—38]
S.R. 7.32, S.S. 4.0.

24 Sunday [328—37]
26th after Trinity (last).

30 Days.

NOVEMBER, 1918.

NOV. 22 to 26.

25 MONDAY [329-36]
☾ Last Quarter, 10.25 a.m.

26 TUESDAY [330-35]

143 BILLS DUE WITH GRACE.
30 Days—Dec. 30.
60 Days—Jan. 29.
90 Days—Feb. 28.

NOVEMBER, 1918.

11th & 12th Months.

27 WEDNESDAY [331-34]

28 THURSDAY [332-33]

30 & 31 Days.

NOV.—DEC., 1918.

NOV. 27 to DEC. 1.

29 FRIDAY [333—32]

30 SATURDAY [334—31]
S. Andrew. S.R. 7-43; S.S. 3-54.

DEC. 1 Sunday [335—30]
Advent Sunday. Queen Alexandra born, 1844.

145 BILLS DUE WITH GRACE.
30 Days—Jan. 4.
60 Days—Feb. 3.
90 Days—Mar. 5.

DECEMBER, 1918.

12th Month.

2 MONDAY [336—29]
Interest payable on 5% War Loan 1929-1947.

3 TUESDAY [337—28]
● *New Moon, 3.19 p.m.*

31 Days.

DECEMBER, 1918.

DEC. 2 to 5.

4 WEDNESDAY [338-27]

5 THURSDAY [339-26]

30 Days—Jan. 8.
60 Days—Feb. 7.
90 Days—Mar. 8.

DECEMBER, 1918.

12th Month.

6 FRIDAY [340—25]

T. serrata.

Leucisphyllum

7 SATURDAY [341—24]

Two plants growing in soil S.R. 7.52, S.S. 3.50. One near the top was chosen and also the leaf stalks and even the leaves themselves. One plant found at being buried on the trunk of a large tree in the Chinese burial ground near the gate, 1922.

Flowering season
frequency of capsules to flowers.

Plant found on a small berry tree in first near Gomas had thrown out raceme with a total of 125 flowers without a single capsule being formed. November 1926.
Large plant examined at Siliceu, Mayri Sembrilam, had had no fewer than 80 flowers, only 1 of which had produced a capsule. September 1914. Yet at Gomas quite a number of young plants were found which would indicate that given good conditions the rate of germination is about the same.
In the case of a plant of *T. macrovulgatum* found at Siliceu at about the same time no capsule had resulted from 25 flowers.

Interval of flowers. About 2 days at intervals of about 10 days between flowers.

8 Sunday [342—23]
2nd in Advent.

31 Days.

DECEMBER, 1918.

DEC. 11 to 15.

13 FRIDAY [347-18]

De la. ca. 18. 18. 18.
14 SATURDAY [348-17]
s.r. 8.0, s.s. 3.49.

15 Sunday [349-16]
3rd in Advent. Ember Week.

151 BILLS DUE WITH GRACE.

30 Days—Jan. 18.
60 Days—Feb. 17.
90 Days—Mar. 19.

DECEMBER, 1918.

12th Month.

16 MONDAY [350-15]

17 TUESDAY [351-14]
○ Full Moon, 7.18 p.m.

31 Days.

DECEMBER, 1918.

DEC. 16 to 19.

18 WEDNESDAY [352-13]
Ember Day.

19 THURSDAY [353-12]

30 Days—Jan. 22.
 60 Days—Feb. 21.
 90 Days—Mar. 22.

DECEMBER, 1918.

12th Month.

20 FRIDAY [354—11]

Ember Day.

On small ... leaves ... for ... at ... about ... as the smallest things ...

	Plant	Flowers	Capsules	%
3 plants examined.	1	27	1	370
	2	1	1	100.00
	3	1	1	100.00
	<u>3</u>	<u>29</u>	<u>2</u>	<u>88.25</u>
+ Racemes	4	34	5	-
	4	11	0	-
1 plant	2	11	0	-
		<u>5</u>	<u>3</u>	<u>53.1</u>

First flower fertilized, head of raceme ...
 Do. Do.

21 SATURDAY [355—10]

S. Thomas. Ember Day.

Michaelmas Law Sittings end. S.R. 8.5, S.S. 3.50.

22 Sunday [356—9]

4th in Advent. Shortest Day.

27 FRIDAY [361-4]
S. John.

- Chau-cps.* Lip ...
- Dead. serr.* Lip ...
- D. leonis* Lip ...
- D. atropurpureum* Lip ...
- D. culophorum* Lip ...
- D. subulatum* Lip ...
- D. gemellum* Lip ...
- D. cerasum* Lip ...
- D. planibulbe* Lip ...
- D. truncatum* Lip ...
- D. crummatum* Lip ...
- D. flexuosum* Lip ...
- D. undatum* Lip ...
- D. sanguinolentum* Lip ...
- D. revolutum* Lip ...
- D. metachilium* Lip ...

28 SATURDAY [362-3]
Holy Innocents. S.R. 8.8, S.S. 3.55.

- B. macranthum* ...
- B. pilatum* ...
- B. patens* ...
- F. Medusae* ...
- B. lasianthum* ...
- B. vaginatum* ...
- Eriis floribunda* ...
- F. Manigayi* ...
- F. nutans* ...
- Trich. rigida* ...
- E. pumila* ...
- Trich. vestita* ...
- Trich. velutina* ...
- F. leiophylla* ...
- Spath. plicata* ...
- Thais Wallichii* ...
- Coel. testacea* ...
- C. comatosa* ...
- Messangeana* ...
- C. pandorata* ...

29 SUNDAY [363-2]
1st after Christmas.

- Phol. imbricata* ...
- Col. veratrifolia* ...
- Arenaria bambusifolia* ...
- Clad. viridiflora* ...

