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Templeton Journal 1821 Fiche No 1
1 January 1821 to 31 December 1821

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PDF DAY MONTH/YEAR JOURNAL PAGE

1

1821

2

1821 January

1 Mon Ther, at 9 AM 33 Dark

dry day

2 Tues 9 AM 32 Snow

falling very thick to 10 AM

afterwards pleasant day

3 Wed 9 AM 28. Snow

lying hard frost, Calm

Received from Mr J. I. Mackay

No.	1	<i>Saxifraga trifida</i>
	2	<i>adscendens</i>
	3	<i>rupestris</i>
	7	<i>Aspera</i>
	8	<i>oppositifolia</i>
	9	<i>viscosa</i>
	4	<i>Houstonia caerulea</i>
	5	<i>Cherleria sedoides</i>
	6	<i>Cerastium latifolium</i>
	10	<i>alpinum</i>
	11	<i>Veronica prostrata</i>
	12	<i>Ribes aureum</i>

3

January 1821

- 4 Thur. Ther, at 8½ AM. 20 Calm
some clouds rising.
- 5 Fri. 9½ AM 32. A
Slight breeze from the East
- 6 Sat 9½ AM 35 A slight
breeze from the East
- 7 Sun 9 AM. 37. Dark
dry, with an Easterly breeze
- 8 Mon 9 AM 39 A Slight
Misty rain for a while
- 9 Tues 9 AM 41 Some Showers
- 10 Wed 9 AM 38
- 11 Thur
- 12 Friday Robin singing
- 13 Sat Very fine
- 14 Sun Slight Ice very Fine,
day

4

January 1821

- 15 Mon Ther, at AM
Very Wet Morning Very stormy
at Night.
- 16 Tues About 4 AM blowing a
Great storm, at Stormy to
10 or 11 AM
- 17 Wed Ther at 9 AM 47. Fine

dark day

18 Thur 9 AM 47 pleasant

Triumph of Reason

At a time when the Monarchs of Europe seem to be exerting their utmost power to prevent the progress of the human Mind and even the Government of Britain has given encouragement to the establishment of a College of Jesuits in England
and

5

and in Ireland it was with peculiar satisfaction I heard at our late Vestry on the 16 such expressions of a truly liberal, combined with a Manly spirit of independence. This it was which captivated their fellow Parishioners and caused such a large majority. When Men came forward whose whole prior education was supposed to have bound them to a most rigid observance of Church Government, and boldly declared their determination

of being no longer bound, by
law made in unenlightened
ages, claiming nothing more
than the right of choosing their
own Pastors, and the free
exercise of their religious opi-
-nions, every argument against
their

6

their claim ceased to any effect
and they gained the willing
suffrages of a great majority
of their fellow Parishioners of
every denomination, with
the exception of their legally
excluded Catholic neighbours
who by a strange perversion
of Justice, may be called upon
to contribute their money, for
the purpose of erecting a Church
though not allowed to
have a voice in deciding on
the propriety of raising the
Edifice.

Surely these distinctions
should now cease, for let all
recollect, that each sect in their
turn, and that at no very dis

-tant period have violated the
laws of Humanity and Justice
and that at no very distant pe
-riod

7

period. While the Catholic
Church placed on her Inquisi
torial throne seized with her
Briarian arms and bound to
the flaming stake the most
enlightened men of the age
The Church of England with
equal fury even during the
Reign of Elizabeth doomed
to death or the confiscation
of their property those who
believed either more or less
than her Thirty nine arti
-cles. Nor was the Church
of Scotland characterized by
milder attributes, discarding
every feature of benevolence
and rushing like her Moun
-tain torrents, impetuous in
her course she bore down
every obstacle which presented
its before her gloomy creed.

Thus

Thus cruelty and persecution
 have for a time marked the foot
 steps of each and Fanaticism
 triumphed over the best feelings
 of Mankind. Happily however
 amidst these dark and tremendous
 Scenes the sacred fire of truth was preser-
 -ved and the light of Reason be-
 -gan to expand the Human
 Soul. Infidels, Sceptics, Un-
 -believers appeared, be not horror
 struck, to Men branded with
 these Infamous names, and
 for whose death mad Hymns
 of triumph would have resoun-
 -ded over Europe is the present
 age indebted for the mildness
 with which Religion now ap-
 -pears. They claimed freedom
 of thought for themselves, and
 were desirous that others shou-
 -ld enjoy the same privilege
 It was these now esteemed Vir-
 -tuous Reformers who first
 brought

brought into action that Sublime

Characteristic of the Christian
Religion Of Do unto others as
you would that they should do
unto you, a precept unknown
to the most enlightened of the
Heathen world, a precept which
however the passions may for
time seem to annihilate it is
the Grand principal of Justice,
the band of the Social Union.
It is the opinions promulgated by these disci-
-ples of truth, many of whom triumphing
over human weakness on
the Rack and amidst the
flames, disseminated those prin-
-ciples of Religious liberty which
is now spreading over the
civilized world. It was the writings
and discourses of Sceptics that
first clipt the wings of Bigotry
and quenched the flames of
persecution. Let Zealots of every
denomination

10

denomination forbear, be chari-
-table, and make a benevolent
allowance for those who be-
-lieve either more or less than

themselves. For to that know
-ledge which has penetrated
even the Adamantine walls
of the Monkish institutions
are they indebted for the liber
-ty which they now enjoy
Its benign influence over the
minds of Men has paved the
way for Justice, over which
she now walks with a firm-
pace and commanding aspect
Think not now that she is abroad
although slow her progress, that
she will cease her heavenly com-
-mission until the bonds of all
sectarians are broken, and until
the world is freed from Bigotry
Superstition and Priestcraft

A

11

A greater absurdity never en-
-tered the mind of Man, than
to compel all Men to relish the
the same food either for the
Mind or the Body.
The great author of nature
has made Mens minds as
various as their features

and vain is the attempt to
bind the conscience, although
even with Chains of Gold, an
outward compliance with Roy-
-al creeds may be purchased
but the Mind bursting assunder
every bond, asserts its Divine
prerogative. Freedom of
thought is the gift of the Di-
-vinity, and however force
may retard, no power on Earth
can prescribe bounds to its
flight

12

Tyrants in vain ye trace the
wizzard ring;
In vain ye limit minds un-
-wearied spring;
What! can ye lull the winged
winds asleep,
Arrest the rolling world, or chain
the deep?
No: the wild waves contemns
your sceptr'd hand;
It roll'd not back when Canute
gave command!

Pleasures of Hope B.I.429

Erasmus

- 19 Fri Ther, at 8½ AM 40 Pleasant
after a heavy Nights rain
- 20 Sat 9 AM 39 Pleasant
- 21 Sun 9 AM 41. Pleasant
- 22 Mon 9 AM 47 pleasant

13

January 1821

- 23 Tues Ther, at 8 AM 38 Pleasant
- 24 Wed 8½ AM 47 Fine
- 25 Thur 8½ AM 45 Fine
- 26 Fri 8½AM. 38 Fine
- Crocus biflorus* Fl.
- 27 Sat 8½ AM 34. Cold damp
air, no Rain
- 28 Sun 41. Cold dry
- 29 Mon 42 A Shower
Windy Night
- 30 Tues A slight Shower
- Crocus susianus* Fl
- 31 Wed 8½ AM 42. Misty
Rain Stormy at Night

14

[See PDF 16]

15

[Repeat of PDF 13]

16

That Animals are nice observers

of the countenance the slightest
observation of the conduct of our
Domestic Animals will evince.
The Dog especially perceives in
the eye of his Master the
first emotion of the mind
towards forgive-
-ness of his faults, and instan-
-tly expresses by his actions
his perception of the slightest
change in his favour, on
the contrary he shrinks at
the appearance of a frown
and strives by every art
by which he has formerly
ellicited caresses to avert
the comming chastisement

17

[See PDF 19]

18

[See PDF 20]

19

February 1821

- 1 Thur. Ther. 8 AM. 50 Dry Stormy
and Wet at Night.
- 2 Fri. 8 AM. 39. Dry Stormy
at Night
- 3 Sat. 8 AM.

Leucojum vernum Fl.

4	Sun	8½ AM 38. Dry cool
5	Mon.	8½ AM 31½ Fine
6	Tues	8 AM 42. Dry cold
7	Wed	8 AM. 44. Dry cold
8	Thur	8 AM. 47½ dry
9	Fri	8 AM. 46

20

February 1821

10	Sat Ther, at 8 AM 35. Thin
	Ice on the Pond which was melted by the middle of the day Fine day
11	Sun 9 AM 34 Ice Fine
12	Mon 8 AM 30½ 8½ 34. Fine
	Ice
13	Tues Dark Fine
14	Wed 8 AM. 32½

21

13	Tues Ther at 8 AM 35½ Fine
	Received from Mr Murray Botanic Garden Glasgow
1	<i>Pyrola secunda</i>
2	<i>Gentiana verna</i>
3	<i>Campanula pulla</i>
4	<i>Bononiensis</i>
5	<i>azurea</i>

- 6 *lilifolia*
- 7 *Astragalus Monspessulalanus*
- 8 *Alysum Olympicum*
- 9 *Arenaria montana*
- 10 *Silene alpestris*
- 11 *Scutellaria minor*
- 12 *alpina*
- 13 *Scabiosa Canescens*
- 14 *Viola biflora*
- 15 *Altaica*
- 16 *Pulmonaria angustifolia*
- 17 *Myosotis rupicola*

22

- 18 *Linnaea borealis Americana*
 - 19 *Rhododendron Chamaecistus*
 - 20 *Anemone thalictroides*
 - 21 *Rhododendron Catabawense*
 - 22 *Lychnis fulgens*
 - 23 *Antirrhinum pictum*
 - 24 *Anemone Ranunculoides*
 - 25 *Rubus Chamaemorus*
 - 26 *Polemonium Mexicanum*
 - 27 *Linaria alpina*
 - 28 *triste*
- 14 Wed. Ther, at 8 AM. Fine
 - 15 Thur 8 AM 37. Fine
 - 16 Fri 8 AM 37 Fine
 - 17 Sat 8 AM. 33½ Fine

Planted Two Plum Trees

Great Black Damask

Early New Orleans

23

February 1821

- 18 Sun Fine
- 19 Mon Ther, at 8 AM. 29½ Fine
- 20 Tues 8 AM 35 A Slight
Shower
- Sowing Oats in the Marle hole Field
- 21 Wed 8 AM 37 A few
drops of Rain
- 22 Thur 8 AM 37 Fine
- 23 Fri 8 AM 39 Fine

Received from Mr Shanklie of

Edinburgh

Adonis vernalis

Cornus canadensis

Menziesea caerulea

Arbutus alpine

Andromeda coriacea is paniculata

Clethra pubescens is alnifolia

Rhododendron Dahuricum

Podophyllum peltatum

24

February 1821

- 24 Sat. Ther, at 8 AM. 39 Fine
- Yesterday I sowed East Indian

seeds presented to me by Mr

P. Niel of Edinburgh

Pinus Webeana From the Himala

Mountains 1 Pot

Hill Rice 2 Pots

Lahore Wheat 1 Pot

Doob grass 1 Pot

In the Green house, and I

set about 1 foot asunder

among common Red Wheat

in the Oak tree field 25 or 30

grains on the 14 ridge

25 Sun Ther, at 9 AM. 35 Frosty

Night Hoar frost very White

this Morning Fine

26 Mon 8 AM 38½ Cold

dry Wind

25

[Blank]

26

Mr. TEMPLETON. - It is with the most heartfelt satisfaction that I come forward with a congratulatory Address to the Queen. I felt for her misfortunes - I sympathized with her when she wept over the untimely death of an amiable daughter. I now enjoy her triumph over her malicious enemies, and where is the Irish heart that does not? Irishmen, independent of those generous feelings which I hope will ever be one of their grand characteristics, have been led to view with peculiar interest, this organized system of persecution, which has followed the Queen even from the threshold of her paternal roof to the present time. The same power which annihilated their rights has been foiled in their attempts on her character. Though Englishmen, unmoved,

saw themselves deprived of their liberty by annual breaches of the Great Charter and Bill of Rights, the injuries of a female awoke their dormant spirit and our Queen was preserved. Yes, they saw their re-quired rights of 1688, gradually lost, and a military despotism extending its appalling sway. England heard the trumpet sound, and saw the peaceful people fall beneath the sabres of those who should have been their protectors; and I shudder when I think how near we were of having another act of the same tragedy acted in Ireland, had the People of Dublin shown the slightest appearance of resistance to the mandate of an infatuated Sheriff. The People of England has seen the grand pyramid of the Consti-tution undermined, whose Republican base, with its Regal apex, has justly been considered by the sur-rounding nations as a model for their social compact. It was this Republican foundation which enabled the government to call forth the powers of a whole people - it was this part which gave to her the com-mand, and made Britain the arbitress of Europe. - The Persecutors of the Queen are the enemies of Reform, and that which can alone preserve Britain from destruction is a Radical Reform. On it rests our future hopes of safety, and happiness, and com-fort. And why does one part of the People of Ire-land keep themselves separated from the other? Is it venality, is it pride, or is it conscious shame for having so long deserted the cause of their country? Why do they not follow the example of Britain? It is their interest - it should be their wish to lessen the oppression which overwhelms the country. With Reform, vanishes spies, and informers, and Ministe-rial mantraps to catch miserable wretches. When a renovation of the Constitution is accomplished, then may the King when ascending his Throne, truly say I fear not the machinations of the seditious, nor the power of external enemies; my trust is in the hearts of the People, and for the defence of the na-tion and protection of the laws I depend on their courage.

I now present you with an Address which, I hope, will not only meet the approbation of this Meeting, but also that of the Queen. I hail the Queen as the day-star, come to illuminate the land, whose benign influence may yet shed a ray of happiness over the British Isles.

27

February 1821

27	Tues Ther at 8 AM 33½	Cold dry
28	Wed	7¾ AM 30 at 8½ AM 33

Cold and Dry

Planted the following which

I received from Mr Harvey

Phillyrea latifolia

spinosa

media

angustifolia

Daphne oleoides

Rhus Toxicodendron

Paeonia corallina plena

Fumaria speciosa

Gentiana purpurea

Narcissus minor

Mespilus Canadensis

Beginning to flower

March

1 Thur Ther, 8 AM 35 Slight

Rain

28

March 1821

2 Fri. Ther, at 8 AM. 41. Mild

dry day after a slight Rain

3 Sat 8 AM 43 Wet day

2nd Sowing of Peas & Beans

4 Sun 8 AM 48. Dry mild

day

- 5 Mon. 8 AM 41 Heavy rain
during the Night, some slight
rain
- 6 Tues 8 AM 45. Soft day
- 7 Wed 8 AM 46 Wet afternoon
Received from Mr Harvey
The Red Doyenne Pear Hort Tran .1. 230
Elton Pear 2. p1.
Drap d Or Plum
Nectarine Plum
Fotheringham Plum
Cheston Plum

The

29

The Golden Harvey Apple
Spring Grove Codlin
Downton Pippin
Keswick Codlin
Framer Pippin
Dredges beauty of Wilts
Syke house Pippin
County of Wick
Grange Apple
Yellow Ingestrie Pippin
Lonicera dioica
Rosa ferox
Double Daffodils coming
into Flower some blown

8 Thur, Ther, at 8 AM 42 Some
Rain

9 Fri 8 AM 46. Some
Rain

10 Sat. 8½ AM 47. Dry
Cherry Plum Flowering

11 Sun 8 AM 41 Fine

30

12 Mon, Ther, at 8 AM 40. Dry

13 Tues 8 AM 44 Dry

14 Wed 8 AM 35. Fine, but
Ice on the Pond in the Morning

15 Thur, 8 AM 37 Fine. Ice in
the Morning *Apis terrestris* Out

16 Fri 8 AM 39½ Fine

Saw a Fine Specimen
of the *Falco ossifragus*
caught at Tempo the Do
-main of Mr Tennent in
the County Fermanagh,
when taken it had a trap
and chain weighing above
six pounds attached to
its Leg, the chain of
which trap had gotten
entangled on a tree

31

17 Sat Ther, at 8 AM 30½ Fine

Windy and Wet at Night

- 18 Sun 8½ 35. Mountain
top white Windy with sleet
Snow Showers through the day
with great squalls
- 19 Mon 8 AM. 35. Stormy
with some snow lying Snow
Showers through the day with
squalls
- 20 Tues 8 AM 40 Some showers
- 21 Wed 8 AM. 39. Snow on
the top of the Mountain
gone at Night Fine day
- 22 Thur 8 AM 38. Ice on
the ditches until the mid
-dle of the day. Fine
- 23 Fri 8 AM 37½ Dry
dark day.

32

March 1821

- 24 Sat Ther, at 8 AM. 47. Very Wet
- 25 Sun 8½ AM 39 Some
trifling showers
- 26 Mon 8½ AM 38 Some hail
which whitened the Mountain
top
- 27 Tues 8 AM 38. Wet.
- 28 Wed 8 AM 32. Much hoar

-frost this Morning Fine day

29 Thur 8 AM 39. Some hail
showers

30 Fri 8 AM 36. Dry but
Very Stormy and Wet Night

31 Sat Large hail
Showers

33

April 1821

1 Sun Ther, at 9 AM 41 Showers

Trichonema Bulbocodium Fl

2 Mon 8 AM 48 Windy
with heavy showers

3 Tues 8 AM. 44. Very Windy
Night. Showers during the
day

4 Wed 8 AM. 41 Hail showers
Some Flowers expanded on the
Chamontelle Pear
Planted

[References to *Transactions of The Horticultural Society of London*, Vols. 1 and 2]:

1 Golden Harvey Apple Hort Tran 1.229

2 Downton Pippin Same 228 & 145

3 Norths New Scarlet Pippin 2.104

4 Spring Grove Codling 1.197

5 Freams Pippin

6 Keswick Codlin

7 Wormsley Pippin 1.228

- 8 Granges Apple
9 Dredges beauty of Wilts

34

[Blank]

35

[Annotation to orchard plan in PDF 35]:

Downton Pippin

In the Currant bed next the Car house

3 North new scarlet pippin 4 Spring grove Codlin

1 Golden Harvey 5 Freames pippin

NE of the Old Red Streak

7 Wormsley Pippin

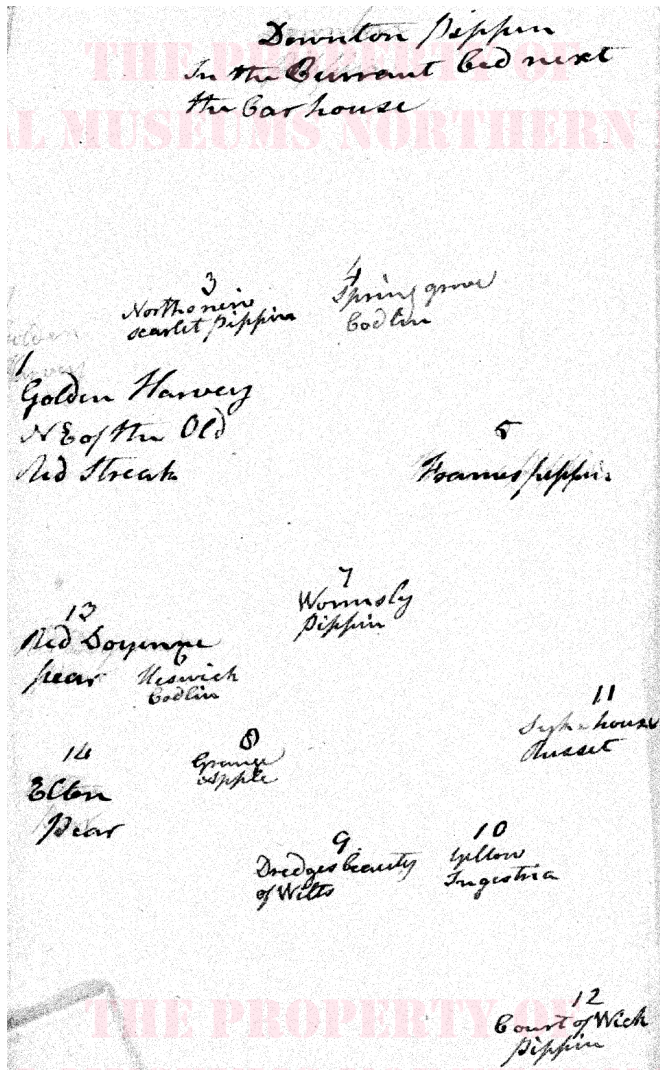
13 Red Doyenne pear

6 Keswick Codlin

14 Elton Pear 8 Granges Apple 11 Sykehouse Russet

9 Dredges beauty of Wilts 10 Yellow Ingestria

12 Count of Wick Pippin



36

- | | |
|----|-------------------------------------|
| 10 | Yellow Ingestrie |
| 11 | Syke house Russet |
| 12 | Count of Wick Pippin |
| 5 | Thur Ther, at 8 AM 42. Dry cold day |
| 6 | Fri 8½ 41. Wet day |
| 7 | Sat 8 AM 50. Mild dry |
| | <i>Prunus domestica</i> Fl |
| 8 | Sun 9 AM 52. Pleasant |
| | <i>Narcissus bicolor</i> Fl. |

- 9 Mon. 8 AM 52. Some Wet
at Night
- 10 Tues 8 AM 49½ Wet most
of the day with soft rain.
- 11 Wed 8 AM 47. Long showers
- 12 Thur 9 AM 45
Almost continued showers

37

An Address to Sir F. Burdet
while imprisoned but which
from the Apathy and fears of of-
fending could not be forwarded
We inhabitants of Belfast and
its vicinity conceiving that it is gratifying
to the heart of every man to know
that he is esteemed and that his conduct is approved of by his coun-
-trymen
Beg leave to ap-
-proach you as their long tried friend, steady
not only in defence of the Liber-
-ties of their Country, but the inde-
-fatigable Champion of the
Rights of the Human race
undeterred by the Malicious per-
-secutions of that venal faction
who with an enthusiastic zeal
alike to their own interest and
blind to future consequences are

endeavouring to destroy that
Majestic Fabric the British
Constitution that protecting
Aegis of the Persons and property
of

38

of the People, and that, from
which they alone, derive their
importance in the state, falsely
supposing that if by their means
their leaders triumph over the
Rights of the People, their ser-
-vices will be any longer valued,
or that they will not be thrown
aside, as tools no longer wanted and equally despised for their
folly and meanness.

Although immured within the
walls of a prison, think not, that
you are forgotten, can the Rela-
tives and Friends of the people
murdered at Manchester, forget
your exertions to bring the Per-
-petrators of that barbarous
deed, to meet the punishment
which their cruel butchery of
the peaceable citizen so well de-
served.

Can

Can the people of Britain, and
of Ireland, forget how often you
have stood forward in defence
of their rights, and even alone,
and unsupported, endeavoured
to draw the attention of the
British Senate to the very imperfect
state of Parliamentary Repre-
sentation, the real cause of
the miserable situation of a
once happy country. Can they also
forget how often your voice
has been raised against the
thoughtless ambition of com-
-manding the world, and that
foolish expenditure of the
peoples money which has
impoverished the country
and converted Freeborn Bri-
tons into almost desponding
slaves

That

April 1821
That the firm conviction and
cheering consciousness of having
performed the duties of a true

Patriot, may preserve your health
and that serenity of mind, which will
make the otherwise tedious hours
of your confinement pass with
unheeded rapidity, is the
sincere wish of the undersigned
friends to Civil Liberty. And
that when you are finally restored
to the Senate, you may soon
enjoy the satisfaction of
seeing a Reformed Parliament
Legislate for a free people

Fear prevented the Belfast people signing, and
this address was not sent forward.

- 13 Fri. Ther, at 8 AM. 45. Heavy Hail
Showers, and Rain
- 14 Sat 9 AM. 41 Some Heavy
Showers

41

April 1821

- 15 Sun. Ther, at 8½ AM. 41 Showers
Rhodora Canadense Fl.
- 16 Mon 8 AM. 41½ Showers
towards the Evening
- 17 Tues 8 AM. 45. Showers
- 18 Wed 8 AM 45. Dry but

some Showers at a distance

Willow Wren Come and Singing

19 Thur 8 AM. 48

Misty Rain, Fine, and Very

Wet afternoon

20 Fri. 8 AM 46. Some

Slight Showers

Rhodora canadense Fl.

21 Sat 8 AM Fine

22 Sun 8½ AM 47 Fine

Narcissus Bulbocodium Fl

42

April 1821

23 Mon. Ther, at 8 AM. 46 Dry to Night

when a slight shower

3 Swallow flying about

Caltha palustris Fl.

24 Tues 8 AM. 47 A Very Wet

Morning

25 Wed 8 AM 49 A Heavy

Shower

26 Thur 8 AM 47. Fine

Stellaria holostea Fl.

27 Fri 8 AM 54½

Rail calling

Sowed the last of the Oats.

28 Sat Fine

Pedicularis sylvatica } Fl.

Orchis maculata }

29 Sun 8 AM. 54. Fine

Saw a Specimen of *Papilio*

Aegeria Spotted Butterfly

30 Mon 8 AM. 51½ Fine

The Wet cold weather which

has for some time prevailed

having killed the oats in the Marl

[Written vertically along spine]:

I had to sow it a second time

43

May 1821

1 Tues Ther, at 8 AM 47. Fine

Veronica montana }

Some Apple trees } Fl.

Tulipa Celsiana }

2 Wed 8 AM 53. Fine

3 Thur 8 AM. 50 Fine

4 Fri 8 AM 52. Fine

White Throat come

5 Sat 8 AM 53. Slight

rain at night

6 Sun 8 AM 51. A Slight

Shower

7 Mon 8 AM 48. Dropping

day

Very stormy Night

Prunus Padus Fl.

8 Tues Ther, at 8 AM 49 Very
Stormy last night. Windy
with some showers

Received from Mr Mackay

- 1 *Primula villosa*
- 2 *Agrimonia odorata*
- 3 *Cyclamen europaeum*
- 4 *Artemisia maritima*
- 5 *caerulescens*
- 6 *sericea*
- 7 *Convolvulus Bryoniaefolius*
- 8 *lineatus*
- 9 *Aster alpinus*
- 10 *Typha angustifolia*
- 11 *media*
- 12 *Phlox amoena*
- 13 *Silene supina*
- 14 *alpestris*
- 15 *saxatilis*
- 16 *acaulis*
- 17 *nutans*
- 18 *Stellaria scapigera*
- 19 *Saponaria ocymoides*

20

- 20 *Sempervivum globiferum*
- 21 *Hedysarum obscurum*

- 22 Cortusa Mathiola
- 23 *Farsetia deltoidea*
- 24 *Pisum*
- 25 *Pisum maritimum*
- 26 *Viola pedata*
- 27 *Orchis pyramidalis*
- 28 *Ophry apifera*
- 29 *Achillea Clavennae*
- 30 *Jussien grandiflora*
- 31 *Amaryllis longifolia*
- 32 *Cerastium perfoliatum*
- 33 *pensylvanicum*
- 34 *Fontanesia Phyllyroides*
- 35 *Allysum montanum*
- 36 *Viola Pallasia* from the
Liverpool Garden

9 Wed. Ther, at 8 AM 48. Windy
night, and Windy Morning
and through the day
Veronica Chamaedrys Fl.

46

10 Thur, Ther, at 8 AM 46. Hail Show
-ers

11 Fri. Hail
Showers

12 Sat Hail Show
-ers
Veronica fruticulosa Fl.

- 13 Sun 9 AM 47. Almost
Constant Showers
Orchard in full Flower
- 14 Mon 8 AM 49 Showers
Azalea purpurascens } Fl
Tulips }
- 15 Tues 8 AM 47 Dry
- 16 Wed 8 AM 47 A shower
in the Evening

47

- 17 Thur Ther, at 8 AM 48. A shower
or two
- 18 Fri 8 AM 51 Fine
- 19 Sat 8 AM 50 A Slight
shower
- 20 Sun 8 AM. 53 Fine
- 21 Mon Fine
Azalea nudiflora Fl.
- 22 Tues 8 AM 46. Fine
Rhododendron Ponticum
with some Flowers blown
- 23 Wed 8 AM 46. Fine
Amygdalus pumila Fl
- 24 Thur 8 AM 49 Fine

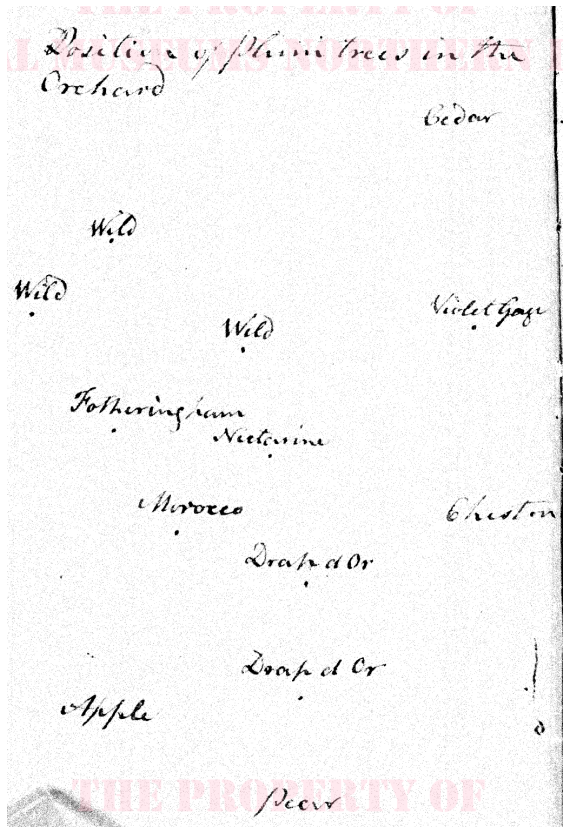
48

- May 1821
- 25 Fri Ther at 8 AM 45 Cold with
hail showers

- 26 Sat 8 AM 45 But the
ground about the house
all white with snow which
was not all gone before 7 AM
and the Ferns destroyed
halfway down the leaf.
- 27 Sun 8½ AM 47½. Dry
but still cold
- 28 Mon 8 AM 50 Fine
- 29 Tues 9 AM 53 Fine
- 30 Wed 8 AM 55.
Heard
- 31 Thur 8 AM 50 Dry cold
Windy with great deal of Dust
flying

49

Position of Plum trees in the
Orchard



Cedar

Wild

Wild

Wild

Fotheringham

Nectarine

Morocco

Cheston

Drap dOr

Drap dOr

Apple

Pear

50

June 1821

1 Fri Ther, at 8 AM 49. Dry but threatening rain

Phalangium Liliastrum Fl

2 Sat 8 AM. 54. Dark
day threatening Rain, a few
drops at Night

3 Sun Threaten
ing Rain

Lychnis alpina Fl

Apple trees yet in Flower

4 Mon 8 AM. 54. A trifling
Shower at Night

5 Tues 8 AM 50

6 Wed
Some dis
tant Thunder and heavy
showers

51

7 Thur Ther at 8¼ AM 57. Fine

8 Fri 8 AM 49. Dry cold

9 Sat 8 AM 49. A slight
shower or two.

10 Sun 8 AM 53. Fine

Lilium bulbiferum Um

-bellatum Fl.

11 Mon 8 AM 52 Fine

12 Tues 8 AM 57 Fine

Azalea aurantiaca Fl.

13 Wed 8½ AM 58. Fine

14 Thur 8 AM 58. Fine

52

15 Fri 8 AM 59 Fine

16 Sat Ther, at 8 AM 58½

Saw a Specimen of the Ruff

Tringa pugnax at Belfast

in possession of Surgeon W

Donnel shot at a large bog at Castle

Dawson from a flock of 5 or 6 others

Iris sibirica }

versicolor } Fl

Digitalis pupurea }

Ammi majus }

17 Sun. Ther, at 8 AM. 58. Fine

18 Mon 8 AM 59. Fine

19 Tues 8 AM 61. Fine

20 Wed Fine but
cloudy

21 Thur 8 AM 62. Fine

53

June 1821

22 Fri Ther, at Fine

23 Sat 8 AM 61. Fine

24 Sun 9 AM 63

Lonicera pericyclimenum

Rosa Canina

25 Mon 8 AM. 57½. Fine

26 Tues Fine

First and second sown Wheat

shooting, with very long heads

Saw a *Papilio Argus*

Rosa Villosa plena Fl

27 Wed 8 AM 57. Fine

28 Thur 8 AM 61. Fine

Elected Mr Hincks of Cork

Classical Master at the Aca

54

June 1821

demical Institution, in place

of the late Dr. Neilson

[Inclusion covering part of this page]:

Qualifications of a Master

A Thorough knowledge of the Language

Being accustomed to teach

Patience and perseverance

Benevolent disposition

A Knowledge of the Actions and Manners

of Children

A great desire to make all his pupils

look upon him as their peculiar friend

and that when punishment is inflic

-ted, it is from absolute necessity it

is resorted to and with great regret

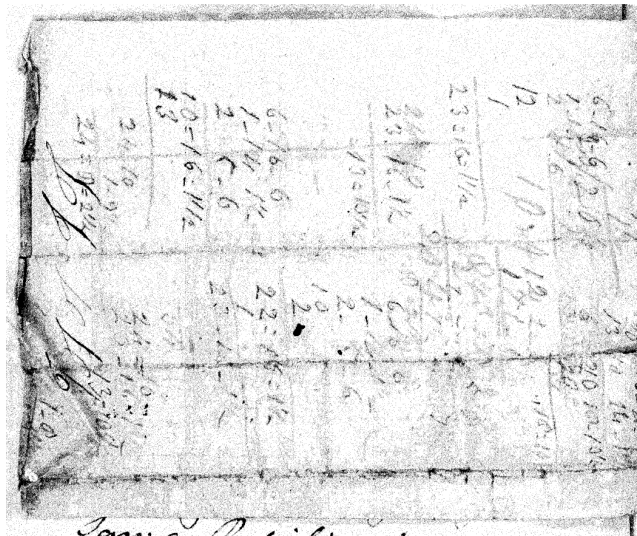
A most rigid adherence to regularity

and truth

[For full transcription of June 29 to July 5 see PDF 56]

55

[Reverse of inclusion in PDF 54 consisting of pencilled sums]:



56

June 1821

demical Institution, in place [repetition of top of page 54]

of the late Dr Neilson

29 Fri. Ther, at 8 AM 61. Fine

Oats in the Orchard field

shooting

30 Sat Ther at 8 AM. 55. Fine

Rosa gallica Flowering

July

1 Sun 8 AM 59. Some

clouds Fine day

2 Mon 8 AM 55 Fine

3 Tues 8 AM 57 Fine

4 Wed 8 AM 59 Fine but

some clouds

5 Thur Cloudy Mor

ning Fine the rest of the
day

57

July 1821

6 Fri. Ther, at 8 AM 54 a Shower

Iris Ziphoides Fl.

7 Sat 9 AM 59 Cloudy

with a few drops of Rain

8 Sun 9 AM 63. Fine

with some clouds.

9 Mon 8 AM 58. Fine

Threatening Rain this some
days which is much wanted
as the grazing fields are so
completely without moisture as to appear quite
brown and withered, Oats shoo-
-ting although in many fields
not 6 inches high, and larg
patches quite withered. The
potatoes on dry ground or places
with shallow soil either with
ered or flowering though not

10

58

July 1821

10 inches, the whole however
of the early set potatoes are
coming into flower, so that there

appears every reason to apprehend deficient crops of every species of Farmers produce except the Wheat which is at present in Flower and looks well. In most places ponds and Wells are so dried up that both man and beast are in great want of water.

The pond in the Orchard is now 6 inches below its usual summer level.

- 10 Tues Ther, at 8 AM 59. Fine
11 Wed 8 AM 58½ Fine

59

July 1821

- 12 Thur Ther, at 8 AM 62 Fine
13 Fri Fine
14 Sat 8 AM 57 Some
Rain
15 Sun 8 AM 60. A Slight
Shower in Town
Mrs & Mr Dawson and 2 Children
with Miss Isabella Tennent
sailed in the Levant to London
16 Mon 8 AM 57 Fine
15 [17] Tues 8 AM 59 Fine
16 [18] Wed 8¾ AM 64 Fine

A Pea hen with 7 young
and one with 3 seen today
the young with complete
wing feathers

Ligustrum vulgare flowering

60

July 1821

- 19 Thur Ther, at 8 AM. 64½. A
Shower with distant Thun
der at 10 PM.
- 20 Fri Ther, at 8 AM 63. Some
heavy Showers
- 21 Sat 8 AM 61 Thunder
and some heavy showers
- 22 Sun. 8 AM 62. Some
Heavy showers
- 23 Mon 8 AM 59 Thunder
and some hea
vy showers
- Gladiolus cardinalis* Fl
- 24 Tues 8 AM 60. Thunder
at a distance with some
heavy showers

61

July 1821

- 25 Wed, Ther, at 8 AM 59. Showers
- 26 Thur Heavy showers
Went to the Theater to see

Mrs. Henry Siddons perform
Galanthe and Mr. Warde
Damon in the New Play
of Damon and Pithias, formed
on the well known story recorded
in the History of Dyonisius Ty
-rant of Syracuse.

In it there are the finest ex-
-pression of Patriotic feeling, but
that which forms the most pro-
-minent features of the whole piece
is the sublime enthusiasm of a
virtuous friendship, this however
finally appears stretched a little
too far, Wife, child, the tender
ties of the lover, and even Coun-

try

62

try are lost sight of, Friendship
alone engrosses the whole mind, though
apparently with heart striking
struggles in the minds of both
Damon and Pythias. The dis-
-play of those contending passion
in the Husband, Wife, and Lovers,
form this highly interesting
story some alterations might
be made, for instance when

Dionisius holding Pythius
as a hostage Damon is allowed to
visit the residence of his Wife
the peaceful Scene might have
been represented to the Audience
as forming a strong contrast to
the perturbed state of his mind
He surely might have expressed
something as follows

How peaceful is this scene
Here the simple peasant rests
secure undisturbed by the
jealous Tyrants fears.

That malicious spirit which striking
the marble Dome, flies over his humble
roof

See

63

See with what a lavish hand the
riches and beauties of Nature are
spread around. what a
dreadful contrast to the storm
within my breast, there are the
knots which bind me to this
World, My Wife, my Child
my Friend, and Oh! my Country.

The last Scene should have still
presented along with the Heroic

Friend, the undaunted Patriot.
Was the stern Republican and
Philosopher, to be subdued to
be bound in ever grateful
friendship, for the mere gift
of life, to the Man who had
trampled on the Laws, and
Constitution of his Country
Should Damon not have said
Dionysius for my life accept
my thanks, but to him only
who is the friend of his Coun
try

64

try the protector of her rights
can the Friendship of Damon
be given.

“Friendship is a Jewel not to be
staked on the throw of a dice
it must be deserved not won”.

Some alledge that the conduct
of Dionysius was merely a
tryal of the Friendship of Damon
and Pythias, but how could
he conceive all the colateral
circumstance which added
throughout unusual terrors to
the apparently closing scene

How could he foresee the parting
 struggles of the Husband the father
 and the lover. And finally what
 part of his conduct could lead
 Damon to consider him less the
 usurper of his countrys rights
 or a better man, at the end
 than the beginning

65

28 Sat Ther at 8 AM 60 Some Show
 -ers
 29 Sun 60 Showers
 30 Mon 9½ AM 63½. Some
 Showers
 31 Tues 8 AM 61 some heavy
 showers

August

1 Wed. Ther, at 8 AM. 59. Fine
 2 Thur 7½ AM 55. 8 AM 57
 Heavy Showers
 3 Fri Dry
 4 Sat 9 AM 64 Some
 Showers
 5 Sun 8 AM 64 Slight
 Shower
 6 Mon 8 AM 62. Some
 slight Showers

- 7 Tues Ther, at 8 AM. 57. Some
Slight showers
- 8 Wed 8 AM 63. Some
Showers
Sowed Cabbage seed
- 9 Thur 8 AM 56½ Heavy
showers Some of them Hail
- 10 Fri 8 AM 55½ Many
heavy Showers
- 11 Sat 8 AM 59 Dry
- 12 Sun 9 AM 57. Dry
- 13 Mon 8 AM. 61. Showers
- 14 Tues 8 AM 61 Showers
in the Morning. Dry afternoon
- 15 Wed 8 AM 59. Slight
Rain in the Morning, dry
afternoon

Cabbage seeds on the 0th Commence
on the 13th

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Early work										Compt. Garden					
Hale										Hale					

1	2	3	4	5	6
Hale			Hale		
Compton			Compton		
Cabbage			Cabbage		

Individ. Cornish

Mr Wilson's sketch

T

[Annotations on the field plan]:

Cabbage Seeds on the 8th Comming up

on the 13th

1 2 8 7 6 5 4 3 2 1

Early Pomfret Cabbage

York

Swedish Turnip

3 2 1 1 2 3 4 5 6

Kale

Penton Flat Dutch Kale

Cabbage Cabbage

Mrs. Wilsons ditch

68

August 1821

- 16 Thur. Ther, at 8 AM. 61 Some
very slight shower in the Morning
- 17 Fri 8 AM 58 A few drops
- 18 Sat 8 AM 55 Dry
- 19 Sun 8½ AM 61 Dry
- 20 Mon 8 AM 63. Fine
- 21 Tues 8 AM 61½ Fine
- 22 Wed 8 AM 62. Fine

Cyclamen hederoefolium

and *Gentiana Asclepiadea* Fl

- 23 Thur Misty but Fine
- 24 Fri Misty but Fine

Got all the Hay 41 Cocks

into the Stack Yard

69

- 25 Sat Ther, at 8 AM. 63. Misty
Morning, a few drops of Rain
- 26 Sun 8 AM 56. Some
showers
- 27 Mon 8 AM 52. Dark Dry
some rain at 6 AM
- 28 Tues 8 AM. 55 Small
Rain all day
- 29 Wed 8¼ AM 53 Wet most
part of the day
- 30 Thur 9 AM 61. Dry
- 31 Fri Fine
Colchicum variegatum Fl

70

September 1821

- 1 Sat Ther, at 8 AM 57 Dry
Colchicum Autumnalis Plena
Fl.
- 2 Sun Half Wet
- 3 Mon Ther, at 8 AM 67. Fine
with a few drops of Rain
Lilium superbum Fl
- 4 Tues 8 AM. 68. Some
heavy showers. Stormy at
Night
- 5 Wed 8 AM 60. Heavy
Rain at Night

Clethra alnifolia Fl.

6 Thur 8 AM 65½ Heavy
shower at Night

71

September 1821

7 Fri. Ther at 8 AM. 59 Some
Showers

Lilium tigradium Fl

8 Sat 8 AM 53 Heavy
Showers

9 Sun 8½ AM 56½. Some
heavy showers

10 Mon 8 AM 55 Dry
most part of the day

11 Tues Dry most
part of the Rain at Night

12 Wed 8 AM. 60. Some
heavy showers

13 Thur 8 AM 56 Wet

14 Fri 8 AM 61. Wet

72

September 1821

15 Sat Ther, at 8 AM 61. Some
showers

Shearing the last sown

Wheat sown the end of Febru

-ary now ripe, and the

Wheat so in the 1st of Decr
in the same Field ripe
and shorn about the first
of this Month.

Received from Lady Duf

-ferin a Fine plant of

Paeonia Moutan

Rhamnus alpinus

Semperflorens

16 Sun. Ther, at 8 AM 62. Wet
most part of the day

73

September 1821

17 Mon Ther, at 8 AM 60½. Wet
most part of the day

18 Tues 8 AM 59. Fine
but a slight shower in the
Evening

19 Wed Fine
Put in 200 Stooks of Oats

20 Thur 8 AM 50. Wet
At half after 5 this Even
-ing died Wm. Legg Esqr. of Ma
lone in the 73rd year of his age.
Born to the possession of an

affluent fortune he has
had it in his power through
a long life to exercise that
spirit of Benevolence which
has

74

has caused the old and help
-less, the widow and the or-
-phan two shed unfeined tears
at his departure.

Early called upon to fill the situa-
tion of a Justice of the Peace, his
decisions were never disputed, and
may be truly said to have done
equal credit to his understanding
and his heart, for with him
party spirit never influenced
his conduct between Man Villan
Even during those troublesome years
which preceded the Rebellion, he
wielded the Sword of Justice with such
an impartial hand, that Peace
was preserved wherever his in-
fluence extended, the rancour of
party spirit was disarmed, and

the Inhabitants of Malone lived
in Peace. Nor was his exertion

for

75

for the improvement of our Coun
try evanescent or confined, he
viewed the faults of Irishmen
with the eye of a Philosopher
And both by example and pre
-cept inculcated Aeconomy, Regu
-larity in every transaction of
life, and Cleanliness with neat
-ness about their persons and
habitations. Foreseeing however that
without human actions have
Moral principle for the impel
-ling power they are ever liable
to vary from the paths of recti
-tude on the slightest attack
either passion or interest
he established schools, where
the children of the whole neigh
-bourhood without
excluding any on account of their
religious profession received such

instruction as fitted them to

become

76

thinking beings and useful members of Society. Those only whose parents could afford a small remuneration to their Master or their Mistress being charged any Money, far the greatest number being taught free of any expense. Endowed with a mind replete with natural good sense, and enlarged by reading he might have held a conspicuous place among his contemporaries had not an unconquerable modesty induced him to detach himself from political strife, and unambitious of applause to cultivate the pleasures of domestic society.

J.T.

"No pomp of funeral was indeed necessary for such a person.

The great may need it - the good need it not - they are

mour-

77

mourned in the heart, and
they are remembered with
out vain pageantry."

Miss Edgeworths Ormond

3. 116

- 21 Fri Ther, at 8½ AM. 54.
22 8 AM 54. Fine
23 Sun 9 AM. 55. Wet
24 Mon 8 AM 52 Showers
25 Tues 8 AM 53 Wet Morning

Barnacle and Wigeon in Bel

-fast Market.

- 26 Wed 8 AM 62. Some very
heavy showers
27 Thur 8 AM 54. Some showers
28 Fri 8 AM. Heavy Show [ers]

78

- 29 Sat Ther, at 8 AM 51 After a
windy Night Great squalls with
heavy showers
30 Sun 9½ AM 52. Windy
with some slight Showers

October

- 1 Mon. Ther, at 9 AM 58. Very
Windy day with some slight showers
Last of the Oats in
Robt. [?] finished his Map of Belfast
- 2 Tues 8 AM 49. Wet after
noon
- 3 Wed 9 AM 61 Wet day
- 4 Thur 9 AM 49 Dry
- 5 Fri 8½ AM 43. Dry

79

October 1821

- 6 Sat Ther, at 9 AM 59. Some Showers
- 7 Sun 9 AM 58½
A Slight Shower
- 8 Dry
- 9 Tues 8½ AM 52 Fine
- 10 Wed 8½ AM 56½ Fine
- 11 Thur 8½ AM 53. Fine
Swallows gone
Found a Wood Larks nest Mother sitting
- 12 Fri 8 AM 47. Fine
- 13 Sat. 9½ AM 50. Fine
Saw today in the Oak tree

field 11 or 12 Mistletoe thrushes

14 Sun 9¼ AM 52. A heavy

Shower during the Night fine

day

15 Mon 9 AM 48. Fine

80

16 Tues Ther, at 8½ AM 44 Fine

17 Wed 8 AM 40 Wet after

noon

18 Thur 8 AM 49 Fine

19 Fri 9 AM 48 Dry

20 That 8 AM 45. Some

Rain Windy dry day

Removing the Gooseberry bushes

from off the Garden held from

Mr Alex Wilson

21 Sun 8¾ AM 39. Fine

breezy day

22 Mon 8 AM 42. Fine

23 Tues 8 AM 40 Fine

Turdus iliacus Come [Redwing]

81

24 Wed Ther, at 8 AM. 41. Fine

Saw two Swallows

25 Thur 8 AM 47. Very Wet

26 Fri Wet early
in the Morning Dry day

27 Sat 8 AM 52½ Some
Rain A shower during the Night
Fine day
Elected Revd. Wm. Grace Prof
-fessor

28 Sun 8 AM 57½

[29 -30 missing]

31 Wed. Wet at
Night
Robt. left home this Even
-ing to set off for Dublin tomor
-row Morning, in order to be
examined

82

November 1821

1 Thur. Ther, 8½ AM 54. Some
showers

2 Fri. 8 AM 54. Wet day
Finished sowing Wheat in
the Spring Field, there was
sown 3ct. 2. 14lb

3 Sat 8 AM 41½ Very Wet
afternoon

- 4 Sun 8 AM 34½ Dry
- 5 Mon 8 AM 37 Dry
- 6 Tues 8 AM 34½ Dry
- 7 Wed 8½ AM 47. Pleasant
day Wet at Night
- 8 Thur 49.
Wet at Night
- 9 Fri 49. Dry, but
Very Wet at Night

83

November 1821

- 10 Sat Ther, at 8 AM 52. Fine
Stormy and Wet at Night
- 11 Sun 9 AM 50. Fine
- 12 Mon 8 AM 45 Fine
- Plants in Pots
- 1 *Oxalis*
- 2 *Gladiolus*
- 3 *Ixia*
- 4 *Gladiolus*
- Atragene*
- Oxalis*
- Babiana*
- Oxalis*
- 13 Tues 8 AM 53. Wet

afternoon

14 Wed 8½ AM 41 Fine

Wet at Night

15 Thur 8 AM 55 Very Wet

84

November 1821

16 Fri. Ther, at 8½ AM. 49 Fine

17 Sat 8 AM 46. Fine

18 Sun 8¼ AM 38. Fine

Robt. Returned from Dublin

19 Mon 8 AM 41 Fine but

cool

Received from Mr Mackay

the following plants.

No 1 *Silene supina*

2 *saxifraga*

3 *Valesia*

4 *Centaurea Jacea*

5 *Hedysarum obscurum*

6 *Teucrium Pyrenaicum*

7 *Lythrum virgatum*

8 *Erodium alpinum*

9 *Narcissus triandrus*

10 *Convolvulus Bryoniafolius*

11 *Ribes aureum*

12 *Epilobium alpinum*

From Mr Harvey

Robinia halodendron

Rosa Blush Belgic

Crataegus Azarolus

85

November 1821

- 20 Tues, Ther, at 9 AM 51 Fine day
Wet at Night
- 21 Wed Ther, at 8 AM 34 Some
showers
- 22 Thur, 8 AM. 45 Very stor
my day Calm at Night
- 23 Fri. 8 AM 37 Pleasant
- 24 Sat 8 AM 42. Cold
dry breezy day
- 25 Sun 8 AM 36. Wet af
-ternoon. Thin Ice on the
Pond for the first time
- 26 Mon 8 AM 48. Some
Showers
- 27 Tues 9 AM 35 Showers
- 28 Wed 8 AM 48. Some
Showers
- 29 Thur 8 AM 39½ Some

Showers

86

November 1821

30 Fri. Ther, at 8 AM 35. Some Showers

Great Storm at Night, and through

the Night which split the old

Green Bergamot Pear tree and

did some damage in town

December

1 Sat Ther, at 8 AM 39 Stormy Morning

Calm day afterwards

2 Sun 8½ AM 35 Dry cold

3 Mon 8 AM 33. A Thin coat

of Snow on the Mountain

Dry through the day

4 Tues 8½ AM 43 Some very

Heavy Showers

5 Wed 8½ AM 39½

6 Thur 8 This Morning

Ice near a ¼ of an Inch thick

Fine day

87

7 Fri Ther, at 8½ AM 48. Very Wet

Night and Morning Very Wet

day.

8 Sat 8 AM 48 Dark

dry day

- 9 Sun 9 AM. 54½ Some
Slight Showers
- 10 Mon 9 AM 46 Showers &
Stormy at Night
- 11 Tues 8 AM 33 Fine
Windy at Night
- 12 Wed 8 AM Heavy
and long showers Windy Night
- 13 Thur 8½ AM 52. Dry
- 14 Fri 8 AM 38 Heavy
Rain

88

- 15 Sat. Ther, at 8 AM 46. Heavy Rain
the greatest part of the day
- 16 Sun 8½ AM 43. Dry Slight
Shower at Night
- 17 Mon 8 AM 39 Dry but
Wet and stormy at Night
- 18 Tues 8 AM 44. Pleasant
breezy day, but Stormy at
Night
- 19 Wed 8½ AM 44. Dry
Some slight squalls with
some rain in the Evening
- 20 Thur 8 AM 35 Very Wet
and at Night Stormy
- 21 Fri 9 AM 41. Stormy
Wet Morning Stormy at Night

December 1821

- 22 Sat Ther, at 9 AM 39. Windy
some showers, Windy in
the Evening
- 23 Sun 9 AM 35. Slight
Shower or two Windy in the
Evening.
- 24 Mon 8 AM 32. Thin Ice
Fine day
- 25 Tues 8 AM 31½ White with
hoar frost A Slight Snow
Shower
- 26 Wed 8½ AM 32. Pleasant
- 27 Thur 8 AM 38 Thawing
with some Slight Rain
- 28 Fri 8½ AM 41 Wet and
Stormy from the East

[Pencil notes]:

Saxifraga Cotyledon

ligulata

rosalaris

intuta

virginicus purp

pedatifida

cespetosa

adscendens

viscosa

incurva

rupestris

trifida

quinqifida

decipiens

densa

carafa Hylla

spathulata

Thalictrum alpinum

Polypodium calcarium

Draba nivalis

91

[Repeat of PDF 90]

92

[Pencil notes]:

Trapa natans Sold at

Venice by the Name of

Jesuits Nuts The French

Macre

About the size of a Walnut

of Sulphat of Potash ground

fine put into a Warm bath

is the Best thing for all Cuta

-neus diseases

93

Cyclamen Hederoefolium

Artemisia maritima

Convolvulus Bryoniaefolius

Attriplex Portulacoides

Statice Limonium

Inula Crithmoides

Typha angustifol

----- *angustissimum*

Veronica prostrata

----- *Austriaca*

P.

94

Plants

Saxifraga virgineus

coespitosa

adscendens

viscosa

incurva

rupestris

trifida

quinqifida

decipiens

densa

spathulata

Polypodium calcareum

undulatum

Aspidium spinulosum

cristatum

Primula villosa
Cherleria sidoides
Cotyledon lutra
Cerastium alpinum
 latifolium
Agrimonia odorata
Antirrhinum Peloria
Ornithogalum Pyrenaicum
Frankenia pulverulenta

95

[Pencil notes]:



and a *Fosmea* [?]

1 Sat
2 Sun
3 Mon
4 Tues
5 Wed
6 Thur Went to Sea Point gathered
 some *Chlora*
7 Fri same

96

[Pencil notes]:

[Run]*unculus Lingua* Linn a
Potamogeton natens
gustifolia. With fine specimen
of *Helix complanata*

- 27 Sun Staid in the house and
determined my parasitic Fun...
- 28 Mon Went to the Scalp found
there plenty of *Encalypta strep*
tocarpa Fine day
- 29 Tues Determined my *Fonti*
-nalis squamosa to be the
same as a specimen from Ger
many See Voegel
- My cordated Cancer from Carrick
is *Hyas araneus*. Sow. Mal
- t.21.A *Lichen continus* found at the
Wed Scalp is *Imbricaria conspersa*
Mougert & Wistler 1600
- Thur. Went off in the Evening
for the Devils Glen
- [Inaccurate dating]:
- 31 Fri Examined it and found
on Rocks about the River *Pterago*
-nium gracile.
Stellaria glauca

97

- [Pencil notes]:
- 22 Haers at [??] Green
Arrived at 7¼ PM at Baggot S ...
- 23
- 24 Went to T C Garden
afterwards to Dr Stokes wrote

a letter for him and answered

Dr Stokes some Questions about

his Lectures

25 Fri

100,010 Acres bring about

50,600 PA

16,000 paid by the Student

Livings make it up about

100,000

26 Sat Wet day went to

Curragha Bog observed

there in abundance of *Hydro*

choerus Sparganium

simplex Oenanthe fistu

-losa a good deal of Rain

98

[Insert]

From these experiments, it is evident that the power of the Suns rays to scorch the skin of Animals is destroyed when applied to a black surface, although the absolute heat, in consequence of the absorption of the rays, is greater.

The same wise providence which has given so extraordinary a provision to the Negro for the defence of his skin, while living within the Tropics, has extended it to the bottom of the eye, which otherwise would suffer in a greater or less degree when exposed to strong light; the retina, from its transparency, allowing it to pass

through without injury.

That the *nigrum pigmentum* is not necessary for vision, but only provided as a defence as against strong light, is proved by its being darker in the Negro than the European, and being of a lighter colour in fair people than in dark, and therefore lightest in those countries furthest removed from the effects of the sun.

In the Monkey, it is dark, and in all animals that look upwards.

In all birds exposed to the sun's rays the *nigrum pigmentum* is black. In fishes, the basking shark, which lies upon the surface of the ocean, has a *nigrum pigmentum*. The Turbot and Skate, which lie upon the banks of sand in shallow water, have *nigrum pigmentum*.

In all ruminating animals and birds of prey, there is *lucid tapetum* at the bottom of the eye.

The Owl, that never sees the sun has no *nigrum pigmentum*.

The Mackarel has the bottom of the eye lucid as quick silver.

The Coup de Soleil, met with in the West Indies, the effects of which I have seen, I attribute to the scorching effect of the sun's rays upon the scalp.

The Egyptian *ophthalmia* I considered to be the effect of the sun's rays, and the glare of reflected light.

I have stated the fact of the scorching power of the sun's rays, being destroyed when they are applied to a black surface but have

[Insert]

gone further. Sir Humphrey Davy, to whom

I showed these observations, immediately explained it. He said the radiant heat in the sun's rays was absorbed by the black surface and converted into sensible heat.

Tillocks Phil Mag. 58. p.33.

[The above section on PDF 99 is written across an invitation]:

Wm Tennent Esq
The Committee of the Establishment
due to meet at the Bank tomorrow
at 12 O'clock

[On next page of insert]:

The Directors of the Belfast
Insurance Company request
the favour of Mr Tennants Company
up the Lagan on Thursday next
to partake of some cold meat
the Party to set out from the
first lock at 10 O'clock before
the forenoon
Insurance Office 27th of July 1821

100

[Repeat of PDF 99]

101

[Folded inclusion, PDF 94, inserted over PDF 89]

102

[Blank]

103

Rain

30 Sun 8½ AM 43. Pleasant

31 Mon 8½ AM 38.