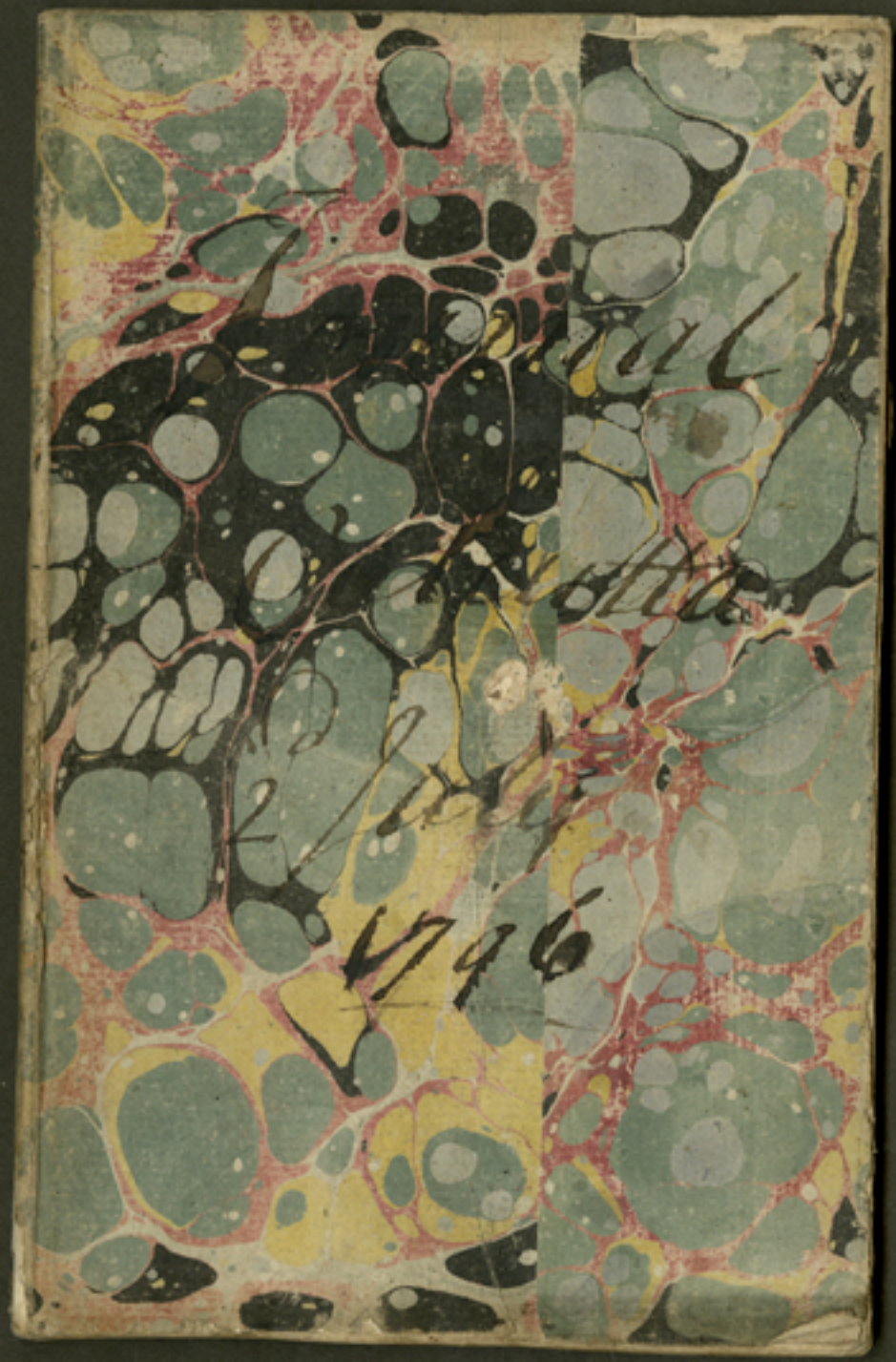




20
L. 1009
1794



L. L. L.
1796
Litho

— Calcutta 1796
Saturday 2^d July —

— With Mr. Lambert

Mr. Henry and Mr. Addison
— G. Mustard: recommend
it and is better —

I went to see the
water — Price —

— Found out grain rich to
great changes from the At-
mosphere — Mustard sports
the process according to
Mustard — It: and has
a great advantage though
is being no ways affected by
the changes of the Atmosphere.
It will come cheaper on the
whole and more cost an

in its applications. -

- Best mode of ascertaining
its strength - Hydrometer
or by weight -

This Moring occurred in spec-
ime of Anotto from Mr. Lamb
it was sent from Capt. Gorton
at Chum where the tree
abounds in great plenty -

The Anotto is prepared for
the seeds - used in making
Lacka it gives the yellow
colour - also to colour Chum
and as a dye -

- The Shell Lac is formed
by putting the Shell Lac
Drooled in a bag and rubbing
is on the plantain tree -

- Fine Cobalt found in pre-
land - valuable - sent to
Chum - Possibly the Chum
may take the Bengal Coshim
- If the Coshim was reduced
to half the price a much
greater quantity of it would
be consumed -

- Fruit of a calf cut out
of its mother's belly was
sent as a present to Lord
Cornwallis by the Rajah
of - The Cobalt De-
clared it the most valuable
article his master had in
his possession. Its virtues
were numerous, Barrenness
in women was cured by drinking
the broth in which it was boiled

an effectual protect against
evil eyes, with cast. &c &c -
- Not to refuse anything a
present for a present. it is
his opinion declaring you self
to be no longer his friend -
- The presents now you be
received by the Gov: & general
are sold for the behoof of the
company -

- Sec. Com. This is said to be
been the best Gov:
of this country - He destroyed
bribery and corruption - When
he came from the Salaries was
low and a cent of Cent was
allowed - The investments
to get a number of the Com:
had perhaps 150000000 a month

and allow 5 % Cent in the
investments, now after a look
25. The inferior servants get a
Salary than the superior
Every servant of the company
has now a brand allowance
and is prohibited for taking
fee in any form or manner in
the investments -

- To prevent the bullets falling
out of the pistols with the
highest fire a peg of wood
is the bottom of the piston
so low as to reach the bullet
- The advantage of the oblique
attack practiced by the late
King of France is that the point
of attack may be changed in

is an instant and that the
enemy must be violent and
against what part of the chief
object is twisted -

- Victory is the chief indeed al-
most the only requisite in Caval-
ry - The Charge should always
be made at full gallop, no
matter whether in perfect order or
line

* Tappan gave it out in General
order that lime rays should
be impregnated with lime juice
to preserve the acid for the use
of his hospitals - X hot water -

- The worst of the late war in
India hung more than ever on
a single man - Examples -

leather
- Specimens of tanned horse
skin good and have been
approved of - Vit: and
has hitherto been principally
employed in ^{tanning} sole leather -

- Birwar or Marwar
+ The Cast of ^{are}
the finest best looking seen
in India, & it consists of thirty
six tribes, there is a law
preventing any man from
marrying in his own tribe -
Crosby has wonderfully improved the
breed - Why have not the Por-
tuguese improved the breed - They
took the very refuse of India

Sunday 3 July

- a Chris to Sir G. D. Smith
Smith a letter by the Post
was likely to find with Sir
G. D. or Lord M. in Eng.
- Answer it is probable Lord M.
will ^{have} returned from his Emb.
and that Sir G. may be on his
way to China -

Read in the Bombay Cour.
a continuation of Dr. Smith's
observations on Nitric Acid -

Involvement of the acid
Taste disagreeable - affects the
mouth and ^{the teeth} teeth by despoiling
the calcareous part of the teeth
and taking it from the Phosphorus

and -

Nitric acid combined with
the earth of Alumin - Nitric acids
separated by a solution of
alkali in water - This new
compound affected the teeth
less than the Nitric acid but
was not less disagreeable to
the taste -

The more the acid is oxygenated
the more agreeable is the taste

- Nitric acid produces greater
effects on the natives in Syden-
ha than on Europeans - This
probably owing to their vege-
table diet

- Black Cuba of Prussian
given in powder to the ammoniac

of several Drains a Day was
- applicable to the patient who
- was always calling for more
said it a spirit digestion -
During the administration of the
Minganere, the drink of the patient
was acidulated by both Acid of
Vit. or Nitre -

- Other Substances may be tried
oxygenated Veniget Oxygenated
Muriate of Soda - Soda whether
in its simple or compound
state appears better for medical
purpose than Potash - The
oxygenated Muriate of Soda
will probably be found prefer-
able to the Oxy. muriate of
pot ash -

- Pure air would it be easily

produced might probably
be successful employed in
Medicine - Atmospheric Decar-
bon - + water decomposed -
Nitric Acid (was employed)
was from Apothecary Hall
plate - but containing a great
quantity of Muriatic Acid -

Apparatus for obtaining
Nitric Acid -
Iron pot set in brick over
a grate as usual two flues
must be kind in a Chimney
contents = 7 Gallons covered
with a ^{of 14 Gallons} Regn. jar, lined with
a composition of Muriatic lime and
Gingerly oil -

A pipe 4 inches in D: and
12 inches in length join the
jar containing the Acid with
another Tegu jar which makes
the receiver. The end of the pipe
is fixed in a piece of wood which
shuts the neck of the receiver
— simply. There about ^{inches} two
a vessel of water put under
the receiver — The tubes are
made of the finest clay mixed
with quartz — Orvus —

Take with three times as wt.
of Seivdy Alum so as to get
about $\frac{1}{3}$ of the ~~quantity~~ Alum
The Alum not deprived of its water
of Crystals. — Fire kept up for
12 hours — product about 5
pints of a pale straw colour

acid of the Specific gravity of
1.257. In some preparations one
oz may be added every day —

The Pipe used contains
about 6% Cent of sea salt
The product therefore consists of
Nitric acid with ^{oxygen} muriatic acid
an aqueous —

This is precisely the ^{quality} strength
of the acid from apothecaries
half way $\frac{1}{2}$ Cent of ^{salt} muriatic
acid in the Nitric —

This acid more pleasant
to the taste than that
from Europe —

Take pumpkin for com-
mon salt by washing it

with two portions of cold
water run over together to
45 $\frac{1}{2}$ Cent of the weight of the
pipe. The water is carefully re-
moved from the pipe after each
washing. The pipe after this
process does not probably contain
one half $\frac{1}{2}$ Cent of sea salt.

Monday 4 July 96
10th Letter to Mr. B. B. B.
Simple equations
with Mr. F. — The law of any
will not permit iron wire
to be wrought in this country
— perhaps the same prohibiti-
on may be extended to other ma-
nufactures — leather for instance

Tuesday 3 July 94

with Belle - Condenser

The writer of the specⁿ in the
last telegraph respecting the
Batter. The Batter has at
ways excited, and cannot easily
be presented.

The stone is more pre-
valent in the Cyder
counties than in any
other in England -

By what apparatus does
Cyder contribute to this
concretion? -

+9 at Dr Dickes

Wed^{no} 4 July - 1794

11th Letter to Mr. Belle
about the in simple Eng
with Dr Dick - Story
of Mr B -

Evening with Mr. Johnson
a collection of shells, very
small, clean and extremely
perfect - some rare specimens
- see sketch - A Fish

from the country arrives
at the sea shore, seizes
the first empty shell
it finds of a convenient
size for its purpose

Thursday 7th July 1798
after breakfast visited Henslow
Coach W. - Coach for the King
of Adva, two Lions before and
two behind (Description when
printed) Embroidered velvet of
the natives - books in the
Pr^o line deans in Cal. than in
London - To Mr. Fay - Red
Canopy in form of a crown -
To Mr. Solwin picture of the
Action - set 250 price 250th
- book of contents - Short description
of each - Museum instruments
- promethisunt of Isma who
changes her name when on
the funeral pile with her
husband. Drink out of a horn

scull and eat
with Mr. Fairbairn - at Mr
Dunham in the evening -
Received a present of a few shells
from Mrs. Johnson -

Friday 8th July 1796

Did not attend at P. D. M.

Wrote to Mr. Mann and Mr.

Dickinson - Sent these letters
to the packet this day at three 6

Remitted to Mr. Mann Mr. Dic
kenson's bill for 23 s. pa due the 11th of
Jan^r - Visited Mr. Mann to
apply to Tho^s. Dickinson Esq.

paid on new country

with Mr. Harrington -
objection to Multiplication
and Division of vulgar

Fractions - Mode of opera
tions not the result

of the Bone -

Some think it should res
pect when the theorem is

most rapid - what is the
name for that phenomenon
in England -

[Faint, illegible handwriting on the right page]

Saturday 9th July
12. Lesson to W. Bellin
Problems in Simple
Equations -
- a letter to W. W. Gordon
into the pocket of the
coat -

- brought all the acids in
the
- sold to W. Beaumont
100 lib of vit. acid at
1 Rupee per Bottle included
- visit from J. Roxburgh -
- he borrowed the 1st part of
pencil on dying - then
- a letter from J. Meyne relat-
ing to Salt. petre, a new

mode of refining Salt p.
the common salt separated
by milk - J. R. Munk
the specimen of Cochineal
from Mr. Merrif. has had
an experiment applied to it -
when the vit. acid is
to be let down with water
it may be done by taking
out the stopper. The water
attached from the atmosphere
~~will~~ be purer than com-
mon water -

- J. R. thinks that the
vit. acid will be productive
of no great advantage to
the Indigo Manufacture
- when with which the

Feesta is washed should
be very clean, river water
with much mud will do
to the satisfaction of the Judges
- D. Fleming has dyed scar
let by the Law, colour not
terrible -
- when the coloring matter
is extracted it is black
The remainder is the same
which resembles the wax
to the honey -
- wrote to Mr. Orr - return
the letter to Mr. Fairlie to be for-
warded -
- with Mr. F. - The Birmingh
Indian man run ashore at
Madras -
+ Funeral of Judge Hyde at 6 p.m.

Sunday 10th July 1796
Museum fragments -
May not perhaps be
purified by a mixture
of Oil and Mennelie and
with Fairlie. he absent -

Monday 11 July 1799

13 Letter to Mr. Bette

Simple equations

Judge Hyde gave away a vessel in the stream of the General
Lump sum in Charity - 200

Rupen 6 months have been sought against the Provision -
to a Gent. without his knowledge has been but lately dis-

per many months - He spent round and by the country
his whole income six thousand -

Prisoners, besides sums for the
he drew on his estate in England

N.B. The Chief Justice has a
Salary of 8000 L. St. and the other

three judges 6000 L. each of them
+ W. Cox 2 Letters in May

ships going to Madras this
Season should never get near

the coast than the Providence
the point (Pamerson). two

letter than two medals to
the eastward, they will then

will carry them to the
against the Provision -

by the country
the Provision -

China was sweeping Doble
English was brought before Judge

Hyde for drinking a quantity
of spirits in a gin shop

and carrying off some without
payment "Where is your k?"

It was so bad it was not
worth drinking, and if you

know will not believe me
you may taste it your self,

holding out a bottle to
the judge -

- At a recent report of the Comptroller
is said to have arrived at Madrid
from Seville and brings news as
late as the end of March, two ex-
press to the Gov. arrived here the
morning or few hours before the
death - The only articles of news
reported that the King of Prussia
had marched 40,000 men into
Holland, and that there was
not peace between England
and France -

Sunday 12 July 96

10 Paper at 8 O'clock

Map of the Marches -

Visit to St. Morris -

Mr. William Jones brought

of a Hindoo Play - His

great memory -

Wednesday 13th Thursday 14th July
- 14th Sep - to Mr. Belle with Mr. Fe - ride
- Simple Equations round the Cape -
- with Mr. Fawcett - Holidays continued -
- Mr. Cox 5th Sep - gave the best account
- with Mr. Fe - ride in of the holidays of the
the morning - Bengales? -

+ At Mr. D -
+ The Moon and the Sun
the end the Hindus happen
at the same time, give
the names of both -

45

Friday 15 July 98
11 Lupon at D. Dubois
Measuring distances on
the globe and in papers
— wrote to D. Scott Bonn
and W. Dion. The latter
to the care of Mess^{rs} Cooke
Barristers Strand London
I have just learned that
the ^{Bombay} ~~Saw~~ ^{Ship} ~~is~~ not leave
cuttella till Monday —
If a great deal of rain
does not soon fall, there
will probably be a fa-
min - rice must have
water — Reflections —

98

Saturday 16 July
15 Lupon to W. Bolbi
Simple Equations in
Algebra
with W. Lambert — a
walk on the Esplanade

Sunday 17th July 1796
- with W. Belli - Madras
character of the people - men
women -

- Read a letter from W. Belli
with an order on Mr. Downer
for payt. of a bill of 310 S.R.

+ The use of the bamboo
universe. In Architecture
it serves for ladders which
are made in in instances
to two long bamboo cross
pieces are used with ropes
made of _____ and a ladder
of any size is thus soon erect
- all sorts of scaffolding are
made in the same manner

Monday 18th July 1796

16 Lesson to W. Belli
Simple equations -

- Received of Mr. Downer / pay
of W. Belli bill 310 S.R.
- with W. Faulstich -

- An American vessel said
to have arrived at Madras
left Lisbon in March -
Read from Mr. Edmondson
+ a letter (public service)
containing my answers to
my queries respecting the
building to which conduct
are to be applied

Friday 19th July 96
12th Lesson at D. Dick's
Maps - Geog. questions.
- An very return from
D. D.'s saw at Mr. Fairlie
Dae a group in a ring
found it a conjure. Discovering
Mr. Ferguson's watch (the thief)
Two split bamboo were formed
into a long hoop or bank.
two men in this bank one
at each end, one of the conjur-
ers assistants kept sprinkling
the middle of the bamboo
with water from a small metal
pot in which a particular kind
of grass was put (Description of
Conjuring). -

- with D. Dick -
Mr B-1. H-cl. Font-
- D. D.'s conduct not approved
by the new regulations -
- At Mr. D.'s in the evening
+ This morning visited the
conductors gave instructions for
some alteration - Mr. A.
mentioned the cloth sent to
be bleached -
+ Saw in to Messrs Fairlie
paid and Co. to ad. 500 Sh
- There is a woman - Miss
is speaking English respecting
the future time "When I have
finished this I will write it should
be when I shall have finished &c

Wed^y 20th July - 96

- Mr. F. - a callow wished
to have some Nitrate of
Tin -

- with Mr. F. - wd. in the
evening -

- Mr. D., Evening -
+ The mason's plumb line
has is made of a thorny spi:
by a slip of bamboo with
piece of a buck f - a plummet

Thursday 21st July 1796

Friday 22 July 96
13th Laper at Dr. Dick's

The cost of Directors have
taken up shipping for this
season at 45 L per Ton,
while at the same time
they give only 14 L per
to the merchants here who
have sent home rice -
This owing to the shipping
contract -

— with Dr. Dick —

Saturday 23 July 96
Received a letter from W.
Belli informing me that
he is not sufficiently re-
solved to work for my at-
tendance this morning -
+ The Eliza Capt. Smith
has been at Batavia
she has since sailed for
Europe - she is now a
Dane, the Danes agents
exist only by granting
the flag of that nation to
themselves -

be composed - As the
Company says this year
43 £ of Ton way. Determi-
tion of the article is built
must be a proportion
nowing -

The crew built at Bom-
bay said to be the finest
ship in the world -

The Prince of this country
borrows money without an
intention to pay. The
Nobles of Oude has bor-
rowed also on their Crowns
of Princes by means of his
Ministers as pretence for
the publick service, he he

now turned of his in-
debt and refuses to pay
the money. He is said to
have hoarded up part of
spent the rest in his re-
pent way in the most
immorally sensuality -
God. how it is said con-
nues with the Nabol in
the non-payment of his
Dobbs -

+ The want of Director it
is said he is in con-
templation to permit
a private trade with India
on a more extensive scale

Monday 25 July 96
Shot for Mr. Bell's note
attend being still in danger

Tuesday 26 July 96
The
The lesson at D (Dicks) -
- The morning in attempt
to pour the bell: a. from the
cracked bottle, the bottle
gave way in my hands
with a loud sound down
my thigh and leg, totally
destroyed a whole suit of
clothes, shirt and shoes
included - skin was torn off
with the bushes -
- with Dicks - whether a
young or grown up person
can bear language so much

Wed^y 27 July 1796

Very uneasy for yesterday's
accident, D. D. last night
at his own house applied a
week pasted. - Very painful
this morning - Pains in
flank inward hand - Confined
to my room - Visit from
Mr. Fankie and Mr. Wilson -
Had dinner sent for Mr.
Fankie - D. D. called

to call in the morning
+ Dequon here a good
very large boy who is refused
to sleep with a young
holder above to prevent despoiling
the world when he awakes.

Thursday 28th July 1796

No rest last night
He D. called this morn^g
recommended further rest
out - the patient instead
of taking it off -
Call from J. Hunter
He wants a micro-
scope for Coll. Palmer

Friday 29th July 96

No rest last night
Thigh much swollen and
very painful - Keep an-
ointing it with oil -
+ Now got the frame of the
Lumen & microscope re-
paired

Saturday 30th July 96

- Better rest last night -
to the Board of Trade
+ sent instructions for erecting
conductors on the company
factory at Malwa -

(see P. Sewell) -
- Visit in the evening for
Messrs Gilmore, J. F. &
P. -
- Bus for Mr. D. -

Sunday 31 July 96
Ruled tolerably last night
swelling somewhat abated
- D. Dick - D. Numb - gave me
a reading of an improved sea
a compound screw - a scale
of rain for 10 years at Calcutta.
- D. Pearce endeavoured to account
for the supposed division of water
in the Bay by the sea and
land breezes - What effect can
the land breezes have at
Calcutta? to find for the three
- W. Numb thinks the
double screw may answer
for dividing mathematical

instruments into very minute
parts - Objⁿ not steady and great
difficulty of making four screws
Random Dividing Engine -
- Tangent screw only used in
Dividing Engine -
+ Watcher Glasses yet
loose in Indian air no
doubt in very warm cli-
mate owing to the expansion
of the frame by heat -

Monday 1st July 96
Bristol tolerably last night
written - Mess^r. Forem -
Wright, Kelso and Oune -

The Sincan's box has been
opened during last in the
preceding night and robbed
of upwards of 300 P. Ruffles

- At twelve a packet for
a ship - which turns out
to be the long expected Georgia
packet from England which
she is said to have left
about the end of March -
brought an immense n^o. of letters

Every one - it now appears
that the Georgina packet left
England the 13th Feb. consequently
can bring nothing new - ^{been}
French frigates chased the Georgina
^{near} into the Cape - Information
given to Admiral Elphinstone
who was at the Cape
when the Georgina left it
+ To try what effect dressing
has on Cochineal -
how much weight is
lost whether any coloring
matter is lost -
- Cautious respecting
packing -

respectably
~~with~~ which young men
usually set with and seldom
pursue

- Clear your self of a crime
from

- make it impossible you
should ever know me - from

- Attach attention to a Char

- Has been now for many years

- Impudent enough ^{to} suspect

- In this article your first
fact is false from

- I doubt not you would

- System which you first
set out with from

Phrases

- Offended with the severity
of the reproach - Junius -
- French Kings aversion
from war, &c. - Junius -
- In which it was impossible
I could be concerned
- Clear you from suspicion -
Jun^r
- As to me it is by no means
Indifferent about you
- Same busy agitation in
which your youth &c. -
- Review the forms of a work-
tion which our Circumstances

Handwritten text, possibly a name or title, in cursive script.

English