

No 4

Please to take good care of the Photo of
Mrs Livmore by Gerry -

Rio de Janeiro 25 Dec. 66

Dear Brother & Sister

I yesterday mailed No 3 for
(the packet S. America which sails for N. York to day)
enclosing one also for Bob & Anna Harwood

The weather continues cool enough, ^{on me} though
some think it sultry - It has rained more
or less ~~every~~ every day since I landed, which
is a mitigation of heat - North & south of
Rio it is rainy season and was so formerly
here, but latter years there seems to be no
strictly rainy season about Rio, though it
rains not infrequently ^{here} ~~occasionally~~
about this time of year -

Last night and yesterday ^{early part of} and to day
(some of the bells must be very heavy by their depth & metal tone)
also, ~~was~~ great ringing of bells - very merry
music of it - a great rattling made by rings
in the belfry with rapidly piced hummers.
Rockets & crackers also are abundant
but all these demonstrations are common to every
Sabbath, I saw & heard the same at Bahia -

Last night the rattle & row of bells was almost
incessant, and I am told festas will be held
at many of the churches during the entire week
I believe as a rule wherever are greatest numbers
of religious "fastas" most felons are also found -
It is said the ~~so~~ many of the best mechanics
have been sent to the war, that music will
be less and inferior this season -

There are fewer churches here than I expected
to find from what I saw at other So. American
towns - I see very few priests in the street -
not much more ~~in~~ the churches - I noticed
a jet black priest yesterday, and also saw

in a box just opened a black saint
not yet unpacked, imported for some
weeks a chapel here, probably. Some of
the churches here fine exteriors, are fine
buildings - but generally disgusting inside
with miserable tawdry and Christs
and saints, scarcely superior in execution
or in taste to the attempts of savage nations.

There are many offerings of legs arms
&c to the ~~deity~~ about some of the shrines
(I have seen only waxen ones) in acknowledgment
of cures obtained thereat - They frequently exhibit
the nature of the malady - and are often
bound up with ribbons - I have none of
Elephantiasis represented, which is said to
be a common malady here, but I have seen
only one case, and that not an appointed one.
I see some repairing of churches here, but at
Bahia, Pernambuco & Para a great deal of it
was going done - reminding of France where it
seems almost universal a few years ago.

A church on Signal Hill ~~where~~ (the marine
telegraph station) whence is a view of all
Rio and its surroundings as also from other
hills in the midst of and overlooking the city)
has the date of 1567 on its door.
Water and gas are plentifully distributed
on these hills, though they are scarcely
inhabited or built upon. The view from
them are very fine commanding the
city and surroundings as the Pincian
and others at Rome, No colosseum
to be seen nor Acqueducts nor
St Peter nor Cape Titene but a glorious
bay the sea and 500 toraete - But
even from these heights, the town runs so
about in the valleys a little plain that we
between them, that it is hard to find -
In one of the churches I saw a Ladder

35 feet long, all made of Bamboo, and a
rings at top of it during the corners etc.

The town fronts on the bay with large
stone stucco building, the custom house
& story yard occupying a large frontage -
but in the rear a mile or so some places
more we come to the base of the mountain
spurs, where in the little valleys and on the
sides and summits of hills are hundreds
of the most beautiful little villas enclosed
out on its own garden of Palm & fruit
flowers and ~~marbles~~ & fountains & stony
along winding ways with pretty iron fences
in front some of them very fine, for miles
(^{taking} all sides of the city) I have seen
~~the~~ ^{one} ~~can~~ ^{see} - Most of them must I

think be hot so against and under the
hills, but they are really beautiful to see.
The merchants almost all live out there.
The houses are low, generally, often only
one story, but frequently with a monument of
terrace in stucco stone ascending the side
back to them. The arabesque frieze
generally in white stucco relief on a red
blue ground, in great variety of patterns give
a life and beauty of great effect so unusual
on our continent. Some of the lots are of
size in extent and though not presenting
the attractions of our nice country seats
are very charming to see. In many of them a
high order of architectural and scenic taste
is exhibited. Some are so tiny and snug too -
but with their attributes the adaptation to other
climate is rather easily suggested. Vegetation is
very rich here but I have seen nothing since
leaving the Amazon to compare with the
general effect of forests there.

In the suburbs we find also the vegetable
market garden where most of the vegetables
we have in our own found. Rice water
crop is on our table - The Barrama on

some houses are like earlier ones on top of some mountains with macepith

great mass of, but often in rows is 20 feet
high and one half a foot in diameter with
an immense crop of leaves 5 to 8 or 9 or 10 feet
long and 12 to 18 inches wide, as the growth
of 6 hrs, producing a great mass of fruit &
then dying - The long squashed Anna found in
the garden last summer is plentiful here
Every tree and shrub, almost, produce abundance
of fruit, nearly all of which are new to me -
The ^{and many of them with ripe and newly set fruit on same tree.} Watermelon is small and not so good as
ours, the Muskmelon large but inferior -
Sugar Cane is also seen in little patches, and I
saw the Mediterranean Cane or reed - The bamboo
is from 30 to 50 feet high but not a stalk have I
seen over 2 inches in diameter - It is used for
fences frequently, and I think it probable
Cane is imported from Cambodia & Siam
might be economical fencing instead of
hurdles or temporary fence for our farmers -
The Laminaria hedge is very much used here
about villages, &c. looks like our very long pole
cane, but is richer. The Paper vine pro-
duces a fruit here about the size of a small
lemon, what I took for passion vines in Cairo,
Egypt, produced fruit as long as cucumbers -
There are Grass yards ~~also~~ (in tents being
now forbidden in the city) where I saw Cyprus
but it is shaggy - Weeping willows appear to
have been introduced within 2 or 3 years, none
yet over 14 feet high, & promise to equal those
on the Delaware, when they have the most
twine like drooping I have ever seen -
I notice the deaths announced in the papers
here, only one of them 60 years old -
A funeral passed a few days - a hearse
all gilt followed at quick trot by 19 carriers -
The coffin being in a felt cart of the hearse
I could not see it - I see also very plain
hearses for the poor - I remember to have
an undertaker advertisement offering his
patrons funerals would be performed "by
him at as reasonable rates as any body
"Paganani" is the true term there -

Gas and hydrants of water extend in every direction. I never saw a place so well supplied so far as the streets are concerned, all along the road into the country as well as on the highest hills with scarcely a house on them, in the town.

A few days ago I took a "Gondola" little omnibus, down to "Botafogo" a beautiful suburb and pretty villas, all the way a town along the bay shore. Thence I walked about 3 miles to the Botanic Garden, fine mountain views all the way, with villas, and some of them on arms of the sea though I could not see the sea. A puff of snow piercing down the rocky side of a mountain, the water & gas and little restaurants all the way out. I noticed a real spring house by one of the villas. That are only ~~scattered~~ at intervals there 3 miles, and on the coast. I went into a large garden of a Portuguese who owned a Brazilian Strawberry an common & figs. This place propagated into the salt water - quite insular. The gardener picked some very good peaches for me which hundreds of ants resorted with great vigour on his bare feet. He also gave me some other very rare fruit, but more in flavour and consistency like our "Swamp Cheese" than (an mint produces in the wild azuleira) than any other I know of.

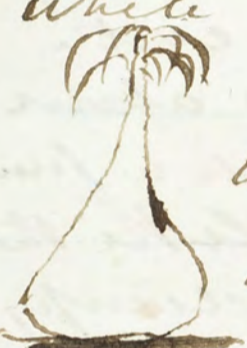
By the road side were masses of semi-tine plant, which touching with any open umbrella, fell instantaneously, apparently as dead as if it had been all cut down 24 hours.

The only frog I have seen I undertook to catch there, but he made such long and desperate leaps I concluded it must be a bird until at last I got up to it. The mountains there run very abruptly from 500 to perhaps 1500 feet high and look more like ~~magazines~~ huge masses of meteoric iron than like stone. ~~a great deal of~~ Their steep portions are usually bare - present the hardest appearance of black rock I ever saw yet in their midst arise hills of fully 200 feet height of sand supporting shrubs and trees, ~~but~~ apparently ^{scarcely} indurated but rocks were scraping it down with force, a nice yellowish grit, suitable for mortar. A great deal of the soil whereon I have been on this coast is red and here are often seen hills or cliffs of clay almost ~~scarlet~~ in colour.

The mountains of stone much resemble the domes in the Photo views we see of the Osemette valley. Some looked as if a monkey could not climb them, so smooth & steep and bare. A Negro fishing in one of the coves had fish very like our sea fish not so bright, and a man at a rushing stream of muddy water big as Saccabuluck (twice) had some of beautiful silver about the size of herring. Some trees on the wood half way up the mountain that I see in similar situations near him also I supposed must be the Heliotrop trees I have heard of, they are of that colour, but I am told it is only the colour of large leaves, the foliage. A tree is very common here that on one side is bright brown the other deep green, or the two colours promiscuously appearing on the same tree, but there are young brown and old green leaves. The first I saw I thought was lately dead on one side, until I got near to it. The Photocopies

Garden is open to all, and no one was
then to guard the trees & plants or carry
visitors - The vulgar as usual care their
narrow on many a trunk they cannot stand

them are wide and extensive walks which
I spent 2 hours among - a great variety
of trees & plants, but the chief object of
interest is an avenue of Barbados cabbage
trees - 25 feet wide, the trees being 36 feet
apart in the row, and 102 in number -
a straight walk of about 1/3 of a mile
The trees are about 75 to 90 feet high &
present a very stately oriental aspect -
The trunks are about 3 feet diameter a
few feet from the ground, and when
is very singular those of 20 feet high are
about the same size, but saddle-shaped
while the lower ones taper gradually



This tree appears to be a great favorite
is being planted very much, and another
generation will probably find it a
leading feature of landscape
gardening here - As novelty it is most
striking - yet has a peculiar beauty of its
own despite its stiffness & uniformity of
character - There are many *Sago palms*

also, that decaying green things - ^{(The Chinese}
I saw a weeping cedar also, ^{which} ^{is} ^{the} ^{only} ^{one}
I know of excepting them, ^{you} ^{may} ^{expect} ^{also}
Peacocks 2 or 3 years ago - The Chinese arbor
vita grows 20 feet high here, and ugly they
fa there are plenty of flora that only have a
tricky exotic existence here as well as white cedars
and ~~so~~ ^{many} ^{more} ^{repay} the trouble of pre-
serving - The cultivated portion of the
Garden is not over 200 acres, but there
is a wilderness of *Barrucenus* *Bambos* to
be seen - *Cinnamon* trees are numerous
I walked 10 miles without in conversation this day
or ever met -

My umbrella handle came off, right by an
acacia tree (probably a Gum Arabic) down the
tall smooth trunk of which were slung
streams of beautiful gum from wells
the ichneumon fly was being above.
I filled the sockets with this, and the
umbrella handle seems as firm as possible.
There are lucky drivers who break down
opposite a blacksmith shop, or surgeon.
The trees are covered here with ferns, but beside
them, a tree like our Southern is also seen,
in small quantities, Parasites of great
varieties, many of them appear to be varieties
of aloes, cactus etc, one of the latter producing
a beautiful crimson flower. The long
drooping cactus so often seen in green
houses, hangs down here several feet
like little ends, a great advantage here
is that negroes are every where with all sorts of
fruit on their heads for sale at small cost.
There are plenty of Grackles (Crows black bird) about
the country, but they are more glibly & delicate in form
than ours - little doves very gentle, shaped like the
"English Robin" about the size of blue bird but clumsy
in form are numerous, also varieties of wrens, and
a little creature not much larger than our chickadee
a brilliant blue black & white as a grass hopper.
Wrens are every where, and a running grass
like that which infests our gardens, here is many
but long rooting at each joint, and a variety
of it hangs down the faces of clay cliffs, from the
top in great rich waving masses 15 or 20 feet long.
At various Shops are sold cases of all
the Brilliant Beetles Butterflies & 60 varieties
of Humming birds - prepared - but I have not
seen a living humming bird, nor butterfly nor
butter that appeared unusual.
The city appears to be too clean for the Buzzards
but they are very numerous, out in the
neighborhood of the Slaughter houses, where
the meat is brought in great covered waggons
to the shops in town, without exposing it or
offending the sight on the way.

must pork is used here in form of lard
and the rind is cut off the ribs in large
flat pieces & washed, the salt being put
in the incision. - Jugged beef from

The Lap Plate is much used by the poor
It is composed of salt cod fish, and looks
like cattle hides $\frac{3}{4}$ inch thick, being
in large sheets that are folded or rolled up
for convenience of carrying by the purchasers
I find the beef makes good, and the
mutton quite tolerable, which I hear is
very fine here. - Oysters are plenty and
are good all months (are not planted)
but never at the full moon, though
eaten, they are then lean.

I see Spanish chestnuts here roasted nicer
than I remember them before. I recollect
them being large enough in Lisbon to cover
a silver dollar. Poultry is plenty of all
kinds, and I see wild ducks & Rabbits on
the bills of fare. - Cucumbers are much used
and the Bahia Oranges here are the finest
I ever saw. - The Tangarina with a lemon
skin like the mandarin orange of Europe
but large is also very fine. There with
Figs, N. York apples, ^{Pine Apples} allsort & Water melons
Bananas, mangoes, grapes and various
other fruits are on the side table ready
to be served at all times. - The stems
of the Bannano plant (like brinks
seen in market, and is said to be a very
nice vegetable boiled, or served as salad.
Ochra is also abundant, but I see no soup
of it, Green corn I see no use for themselves.

Milk was formerly served from direct from
the cows driven to customer doors, as I think
I have seen that of goats in Europe, but
I suspect "condensed" is chiefly used now
though I see many cow stables - as

25 in a stable, thin, but with very glossy black
white coats, and the cleaned stables I ever saw,
at every stable I see horses & mules
in large numbers, and some white
horses as pure and brilliant in colour
and surface as finished stationary
mante - ^{worn with the slightest tinge of pink perhaps,} An emblem can meet better here
than in the town I saw except here and
St Thomas - I saw goats in all the cow
stables - In England one is generally a skin
partially with cows, it being considered a good
sanitary protection for the cows.

The native butter is not salted, and is
good, but the imported kind is preferred.
They use very good tea but inferior coffee
at the hotel -

Coke, charcoal & wood are all
used for cooking - The wood is sold by the stick
counted at the place of delivery - It is very
hard, but the sticks are about 3 feet long
and not larger than my wrist - These sell
for ~~from 2 to 3~~ ^{about 1 cent} a piece - much more
than good maple could be sent here from
America ought to cost, and the whole country
almost here is a forest - The open fields
on the side hills or flats are green as
England, and this I noticed to be the case
all the way from St. Thomas here.

The ground is so wet there is not a cellar
in Rio, and some houses have a space
under the first floor of 4 feet for drainage -

I see a great many tin trunks of all
kinds - Ladies keep all their nice dresses
in tin for protection against the white ant -
a dry good man told me they were much
troubled here with moths also, sometimes,
The Green Parrot hangs at half the shop
down and there are open Sunday and
Christmas as on other days - I saw men
packing a house also to day - Merchants

appear to be the only club who close on
Sunday or Christmas, just as in Europe.

The other day in one of the suburbs

I met a nice looking old negro of
whom I asked the way - without further
question he told me - I have to go to Saleb
"Bop Tom" Fall le del fay" you
know Pingy - Capt Tom - Two
broads, one matrimony other no
matrimony - - - all Brickhead
I tried to talk with him but his English
was about exhausted in the one statement.
I suppose he meant the Pingree of
Salem - I went today to see a 4
story house (one looks like a better
work than the 3 lower ones) No 193
Rue Quintada, nearly opposite to an
alley - James Brickhead counting
room was in it -

The sticks of wood I mention above
are called ashes, a pronunciation
that reminds of the Barley in
Scotland which they already call
"Beer" while it is growing in the fields
of the oysters there are 2 kinds, one
small, the other are large long and
narrow oyster - They call the
the mud oyster - Last winter the
we found a long narrow oyster in
the mud of Pettayuanul river - The
first oyster I ever saw, and they
very fat, also the fattest I ever ate -
All who had them gave the same
account - In the markets I observe great
preponderance of Onion & Garlic - Potatoes
are imported from Europe in barrels

Quack medicines, louder in their pretensions
"but as empty quack", than those of the regular
issue, appear to have possession of the field
at all the towns I have visited. Ayer must
spend large sums here in advertising - It all
helps however to open the way for any thing
better should it be presented, and I find
Homoeopathy is much practiced here
which is destined to finally illustrate the
folly of doing in general - It is probable
medicine and its mod administration kills
ten where it cures one who would not have
been recovered without it, excepting in the
cases of the few well ascertained specifics -
A friend barber here has a hair brush
that goes by mashing, one man power,
which Mr Gates has tried with great
satisfaction. Mr Gates has been Merchant
Consul, & Secretary of Legation with Mr Todd
at this place - On leaving here some 17
or 18 years ago, he sold out his commercial
interest to two partners - Three days before
Mr Gates arrived here in the South American
last week, a Mr Palma arrived from
Liverpool, one of the partners, looking over
the arrivals, ^{at 19th Inst} he with great pleasure and
surprise saw another of the partners
announced in the French Steamer just
in Rio from Bordeaux, the one we sailed
with. Said Palma to himself I wonder
if our old friend Gates will never come
out to Rio again, & with a feeling at the
same time - Pursuing the column he
saw the arrival of our ship the South
America, found Mr Gates name among them
and came around immediately to see him - Three
partners all unexpectedly to each other arrived by 3
different Steamers from different & distant parts of the world
& 2 of them on same day, the other 3 on before.

Palma had taken the business to himself (13
at last, and left a manager who had
run off with 150,000 of his money or squandered it
and Mr. P. had to come out to attend to it -

Rio contains 400,000 people
(many foreigners among them) of whom only
 $\frac{1}{4}$ are white, $\frac{1}{4}$ black, and the rest
a mixed race of ~~white~~ the city is one of the
cleanest, best watered, best lighted and
best paved I have ever seen ^{about $\frac{1}{20}$ of the} blacks are free, but
^{about $\frac{1}{4}$ of the colored race} are their own masters - free.
They are a remarkably courteous obliging
people, and all the colors seem to har-
monize - Of native mind I should
think there was scarcely enough in the entire
city to make a dozen strong well furnished
intellects, yet I am frequently struck with
the competency ~~as~~ little mechanics and ship
tenders or of very young boys especially of the
mixed race, and the vigour with which
the people assail with dull and powder
the huge hills of solid rock that press
on all sides upon the city appears one that
a force here from somewhere or other -
Probably foreign capital and Irish labourers -

The stone is much used in building, especially
for cornices, keels, and door & window frames
or substitutes for the same material in rubble
masonry structure - The stone is a coarse
mixture of blue and white granite.
An English Company has lately finished a system of sewage
for the city, which is said to be the best in the world, the
work complete.

The pavements were formerly imported from
Ile of white, in small blocks, but it is now
procured near Botafogo, a sort of brittle
gray granite - not so good as the imported
and cuts about as much - The side walks
are made of native granite also in pieces 4 or 5
feet square - I recollect being at a flag stone
Quarry on the North coast of Scotland in 1856, a few
miles west of "John O' Grots" whence they told me,

Some say $\frac{1}{2}$ the
coloured are
free.

They sent a great deal of their flying to
Rio de Janeiro & St. Petersburg de, &c.
One of the very finest hospitals I ever saw
is also here - ^{garden} Why could be new and
cleaner, with its ^{garden} hydrants & stone baths
on a high hill in the city commanding a
view of the harbour, all the surroundings
and the Ocean ~~mountains~~ ^{mountains} in the distance,
some of which look ^{6500 feet the highest - some say only 3500} like long fingers
pointing to the skies, their like into, though
others are rounded & bold enough.

This establishment has 120 long granite
steps up ^{hill} to the convent of which it is a
part - St. Anthony. The institution is supported by a
brotherhood. The Portuguese have also a fine hospital in Rio

Another convent by the shore is a Alles
exceeds, for poor people - nearly opposite
to it since a lodging house & retreat for
beggars - a class that does not appear to be
numerous here. And on the beach below
Porto says is a Senatic asylum that I took
for an imperial palace. With the ex-
ception of two or three Stone Churches, this
Asylum is the only ^{not with} good building (arche-
tecture) I have seen - besides pretty villas.

There is ^{the city is picturesque} not a street of good fine houses
but they are generally good & stucco
buildings, usually tile roofs, generally
one and two story in most of the streets
with an occasional 3 or 4 story towering
above its neighbors on either hand -
The streets are usually ^{and often picturesque} straight, east or
nearly so and of moderate width, but
some of the main ones are very wide.
Excepting of the ^{& strangers} lower classes, ^{foreigners} women are never
seen in the streets more than they are in
Constantinople, and as to beauty it seems
an impossibility of the climate & circumstances.

In a Photographs' establishment I noticed the other picture was a mulatto woman. The man character is in the negro faces and some of them whom I take to be Mahomedans are really remarkable for beauty but fine expression. The tribal marks on the face are very various. Many of scars done in childhood in Africa, and I see many persons not over 30 who wear them. The negro appear to be generally indolent and I often notice them sewing strips of beed into hats as they walk the streets - diligent as are the poor in Europe - especially in Great Britain, where 12 hours work will hardly earn the miserable pence and refuse the labourer has to live upon. They carry burdens on their heads, even a water-melon - they have something like a long towel hanging on neck or shoulder which they roll into a coil for the top of the head when called to carry. I see carts of wine ^{or other merchandise} on a pole between two men shoulders, but mules & carts have chiefly superseded this one universal mode of carrying merchandise to or from shops and warehouses.

I believe though white linen is considerably worn, woollen clothes and hats are considered coolest, at least more comfortable. And I am surprised to see what numbers wear "tin pipe" silk blank hats - quite heavy & useless and walk without umbrellas. White umbrellas are common, and I see cloaks worn frequently by negroes & sometimes by poor whites. Right & left on the side walk appears to be quite generally ignored - I see very little intoxication, plenty of coffee & Hydrants I recollect in London there was I think but one drinking fountain in the streets - It had been just erected by Mr Gwynn I think.

but it would not hit a tumbler much
under a minute - People are forced into
beer & gin shops - for to ask for a glass of
water in a London town without paying for
a mug of beer would be unchristian.

I am told of a man is seen reeling here
it is taken for granted he is a drunken
Englishman - Doubtless often an American
straggling under the protection of English credit.

There is a public square by the theatre in
the centre of which is a large Bronze Equestrian
statue of Don Pedro & figures surrounding the great
river, of Brazil - A coarse work but has a
pretty iron fence around its high granite pedestal.

The grass in the public garden is kept mown
and is green enough, but it is so stiff and
broad leaved & coarse, that walking on it
feels like crisp chips or a corn husk mat.

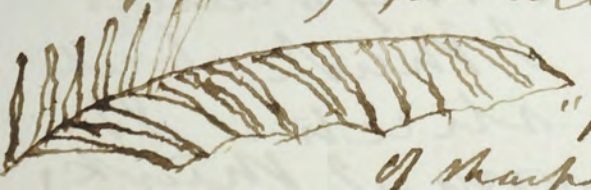
The "Public Garden" about a mile from here
toward Botofogo, fronting on the Bay, which is
very beautiful in labels specimens of tropical
trees and plants, and beautifully kept with
a fine mosaic terrace of marble elevated on
its water front, whence is a glorious view.

The view of the ^{islands} ~~islands~~ and ~~gorges~~ ^{passes} ~~gorges~~ ^{passes}
between them from the bay opposite Botofogo is not
unlike the highland of the Hudson but far finer,
I passed through them on the way to the "Botanic
Garden" a few miles out of town.

In this Public garden are many fine palms &c
I saw there a true Heliconia in flower about 9 ft high
Abundant double Alliums of rich crimson flowers
rivaling the famous ^{crimson} Rhododendron

The Caouchee specimen there are not over 20 ft
high, but its leaf is one of the finest -
A palm (Madagascar I think) has leaves about
7 feet long and 3 wide - The main & tender upper ones
singularly propped as is a sail by its "bolt rope."

I show the leaves on one side without
"the bolt rope" The large leaf being composed
of sharp leaflets or



There are a few ~~birds~~ fowls kept there (17
on a little winding lake. The day was considered
hot by the people here, and the Swan the only
I have seen in Brazil, sat under in the water
under dense herbage his neck coiled on his
back like a rope, taking ~~the~~ ^{the} viticula seen
very coolly, after the vicent roof had done with it.
As to a cormorant of some sort, who stood on the
bank in the sun in ^{with} wings, every feather
distended, planting a prayer, pitiful to witness.
By the way I find a ~~diving~~ fishing bird here
that takes his prey in the same manner with
the Solon Gull or Gannet, and is, so far as it goes,
a confirmation of my magnetic theory of the
mode of birds taking ~~their~~ ^{their} prey & which applies
also to some other birds of prey. I have tried
to get naturalists to examine the subject.

Brazil is not much concerned about other
peoples affairs, I am told, but as might have
been expected, Slavery here sympathized with
Slavery elsewhere and took the Southern side
in our late rebellion.

I find the priests here rarely appear in
the streets except in citizens address. They
appear to be despised and abhorred of all
who are not their victims. Generally they are
ignorant and dispolitic, considered as being
extremely base and unprincipled, and very
few are ^{ever} admitted into respectable houses.
As a class they are considered the most
corrupt in the empire. Such I am told is their
reputation in Brazil generally - Bad as in Mexico.

Monasteries & Convents are extinguished by Statute
and will soon be at an end. Nuns that came
out from France have been ordered to leave - it being
assembled they were mischievous in doctrine, looks
of Jesuits. At a church there I saw eleven
priests singing a mumbo jumbo of some
sort at an altar, attended by 2 boys

each in a sort of gauze white tunic. I was aware there were probably waiters, but was not a little amused when a priest turned round beckoned to one of them who immediately responded by preping a snuff box around to several of the priests some of whom accepted by taking a pinch.

I was talking to day with a prominent man ~~at~~ the railway station, who says the hospitals here are remarkably good, and the reputation of the priests, bad.

The water tax is about 12¢ per year per each by drawn in a house. ^{The streets that blacks are adult} ^{white & have nice cane, arm chairs,} ^{for this occasion - price 4 cts} "Baths" are quite numerous & cost 50 cts for cold water in London and hot ones are 60 cts and uperid.

Rents of houses have tumbled within 20 years. Either climate or feed appears unfavorable to houses which are small, and rather set to cross, and as to dogs, I never saw so many pitiful objects lying out doors, sick, helpless skeletons with swollen throats, reeling about. To die, and the cats are generally little more than skin & bone skulls human look well and through small drawn heavy loads. For some reason the cart and waggon wheels are more than doubly as heavy as we use them. The Hacks are excellent and numerous,

a sort of Gig called Tibbery I see numbered as high as 600 is very comfortable for one passenger or 2 if the driver has an extra seat. a large number of different sized omnibuses

(Called "Gondolas" here) that carry 6 or 8 persons on top beside inside passengers afford ready access to the suburbs and outskirts at from 10 15 cts. They are drawn by 2-3, and 4 or 5 mules according to size of vehicle - 3 abreast and 2 leaders or the reverse, but never tandem. They scabble along very rapidly and are generally in good order though much abused, apparently. I was struck with the evidence of confidence in a general honesty, a big leather bag with the copper coin in it hanging open outside of the driver's seat & he often away. These copper coins are 20 + 40 Reals

1 and 2 etc ~~calls~~ the latter called decrees
Their value was formerly double these amounts
40 and 80 Reas, but have been restamped to
one half to prevent the counterfeits from Jersey
City (I am told) which were smuggled into Brazil
in every possible way by the high-handed merchants
of that neighbourhood.

Sheep here are small, and I saw two men
pulling all the wool from one that took it
very quickly, the new growth being half an inch
long and the old probably very long.

A street leading runs out to fort of Jacico, but
it is silent at present for want of passengers. Omnibus
go there. The favorite palace is at Petropolis 80 miles off in

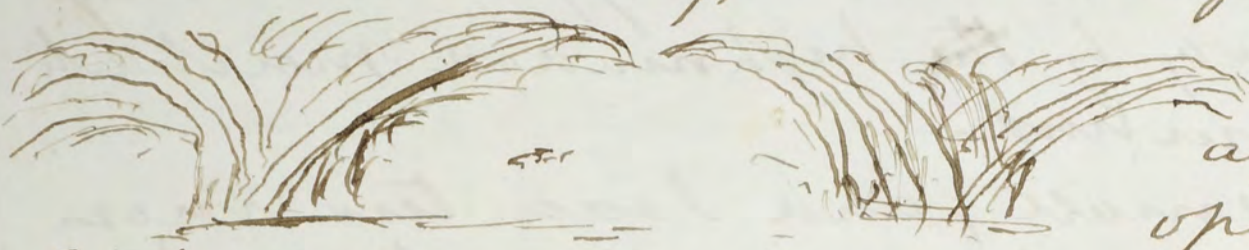
The city palace of the emperor stands on a
paved square & carriage stand close by the bay
and pier whence several little steamers ply
as ferries to Botofogo and other points around
the Bay. It has no garden or enclosure
and is a very plain building - 2 and 3 low
stories 300 by 110 feet, this represents the residence
but there are barracks, chapel & adjoining which
cover about as much more ground.

At St Christoph just out of town he has
another standing on quite an eminence
The front portion is pretty, Italian in style
3 stories high 200 feet front about 65 deep -
Barracks & ~~other~~ building in rear adjoining
refront about as much more room.

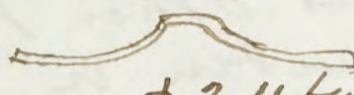
An extensive garden or park (probably 1000
acres in extent) adjoins on one side the palace
down on a level flat where is a muddy little
stream from which I can buy catching little fish
and crabs, and also as a ^{muddy} pond enclosed
with iron & marble. Very little interest
excepting great avenues of Bambo, which are
in bunches elliptical say 15 by 12 feet each -
in which the bamboo is so close together as
to look like a wall, and are 50 feet high, the clusters
very but a short distance apart. They droop
at top or necessarily diverge and meet over
head, are not stiff but graceful and of
fine green, stem and all. There are probably

at St Chris to Peter Pal em -
I was told the garden had been
his cultivation of the bamboo

more than a mile of them densely shaded
walks in one of them the Bamboos are
made to bend down so as to resemble one
of the broad short low gromy arches of
a Cathedral Crypt on a huge scale



The place appears to be open to all and quite unguarded - and through it the Emperor, (who is doubtless a man of enlightened liberality of mind) permits the Rio and Comercio Rail way to pass. A work that penetrates 91 miles into the country and has 30 miles more of track ready for the Rails - The Government now owns the work, first undertaken by British capitalists who proved unsatisfactory -

The rails are  reported by a breadth of 12 inch bearing ^{224 feet long} and rest on small square sleepers of iron. The cars are common in general appearance but smaller & plainer & of three classes about 4 cts per mile for the second class. The telegraph poles are about 13 feet high of galvanized sheet iron riveted into a tapering pipe for each pole. The fuel is coke - Spiced stone, coffee the chief freight, but has also a large number of papers. I shall go up to Comercio

in present terms 91 miles in a few days. There is a great variety of fine building & ship timber, but a want of soft timber here - but great quantities of large red cedar South of here. There is a government dry dock on a little island close by and opposite the Navy yard, cut out of solid granite at an immense cost - the contractor lost 30,000 £. There is an iron ship basin & quite extensive works for ship building at the Navy yard -

27th Dec 66. The day has been considered a very hot one, as well as yesterday but I have often seen it much more so I think even at Annapolis. There is a rumor of 2 Brazilian coasting Steamers being captured not far from here - Supposed by a Paraguayan but some think the Peruvians have done it though no war has been declared by that power. The Emperor is said to be in town & fitting out ships to pursue

There are many fine houses of large size here, especially about 27
Botolph, usually 2 stories - but I think are too elaborate in style for large cities.
Rio Dec 28. 66. Yesterday was attended by the

first instance of an establishment that is at
the same time ^{very} large and fine - It proved
to be that of Baron Bonfin on a street 80 feet
wide near the Carruyto roofed iron framed rail
station of the Rio & commerce - The front of the
station is stucco in stone and quite handsome -
Baron Bonfin's house is plain in exterior, but
high & quite irregular in outline, with large
gardens in view that about against the steep
hill sides that bound the town there -

Christmas Eve I stopped ⁱⁿ at the English Chapel a
nice plain interior as well as externally, that with
seats on cane settles instead of pews in the last aisle
I should think nearly 600 persons - There were only
about 45 persons present (5 females) all young -
and that R Beecher told me the morning service
commanded no more - If the school houses be not
abolished what will become of the churches and
then "only true religion" Is it possible God cannot
protect the holy doctrines in the interest of which he
sacrificed the only son he ever had -

The whistling insect I mentioned is truly remarkable
when I heard them first I could not believe such a
noise could be made by any thing of the sort
but day before yesterday in the Public Garden I saw
about a dozen on one almost leafless tree - They
are like our locusts, ^{but} 2 or 3 times as large, do not
sing long - not unlike the tone of ours but sharper
without being shrill - At intervals they make a loud
clacking, a few moments then whistle again - after
a few moments all are silent - and no more is heard
of them - Speaking of clacking, ^{I thought} Hawks here, are

~~made by a person who I know him~~ ^{made}
~~are made out of iron & a couple of~~ ^{made}
~~with a couple of iron rods~~ ^{made}
sticks, nicely made pretty heavy, and about 2 feet
long fastened at one end by a hinge - With this they
occasionally give 2 or 3 clacks as they pass along, instead
of using their tongues ^{there are vendors of cotton & - The clacker}
^{made of 3 measures - different kind of cloth being}
Confusion may be much used here - I have only been tempted
by the ground nut & sugar cake sold by negro women as
in Philadelphia, but here it is much superior & the nuts always
fresh & sweet - Speaking of the different measures above, it
is very common on this coast to estimate the same gold
coin at different values accordy to the articles purchased,
in many instances - The gold being estimated

from different foreign countries, and exchanges & values being very imperfectly regulated. I am told was the cause of these complications. The business of a merchant under such circumstances must have been much of a monopoly. outsiders could not so easily get in. I was only another form of what we are yet suffering for want of an universal system of weights measures & coinage.

Spunky of the Hucker and his good his command by a clacker who precedes him, reminds me of one I saw at Galatz near the black sea. Marching down the middle of the street with a course coat on his arm for sale (worth about 8 dollars) preceded by a most indistinct drummer, about a rod ahead of his principal, a sort of retail auction, a sale by drum, not by "hue & cry" as the old advertisements used to phrase auctions.

The people here are remarkably courteous & are ready to answer questions, but very few of them speak English, and I think as a rule are very dull at comprehension. And women who are so much quicker than men are never seen in the streets, except the very ignorant class. I understand the government here rejects and orders back about 50 of the St. George Passengers that came on our ship under auspices, and that several Peruvians who have been prospecting Brazil as planters ~~has~~ returned on the South America that sailed hence for N. York on the 22^d. The Barranco is cut down when it has gone to its fruit.

The Hotel is very noisy but otherwise satisfactory, better than I had expected. I have changed my room 3 times to be quiet, and can now find one of the bay and the high Signal hill and other green hills close by one ~~side~~. I can look the town ~~between~~ and also have a fine view of the fine convent ^{St. Anthony} & Hospital I spoke of, the beautiful Casavilla and Tipuca hills & others more distant. The Acquaduct on arches of stone masonry is quite a fine object when near it, crossing a fair street from its projection from the mountain side losing itself again in one of the big hills behind St. Anthony. It was built long ago by Jesuits, & could 35 large brass corks at one fountain in a small square the other day & similar ones are very

think water is in no danger only in the better class

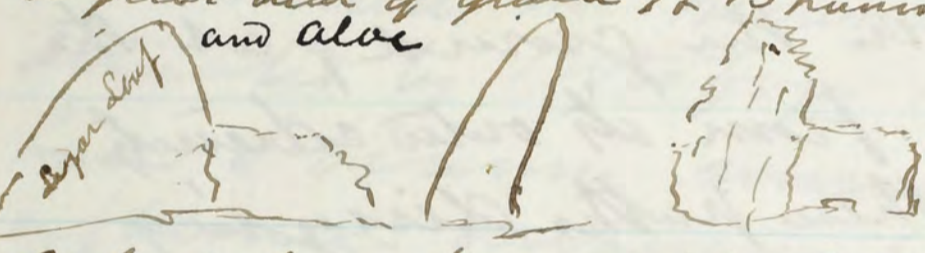
numerous, while single ones are seen every
where sticking out of the sides of houses especially
at corners and frequently to a 5 in walking
twice as many rods. The water is carried from
them chiefly on *Sigra* beds on the sort of half
barrel tub with iron handles. These hold about
15 gallons and fill in a very short time. There are
also numerous places, where *hyssop* on which
drawn by mules are filled from a *granite*
post, from each of the 4 sides of which projects
a long tube 12 or 14 feet so that 4 cants even
stand and fill at the same time. To one
who comes air first but water only the 2^d condition
of good health this *proportion* of water is a most
appreciable sight besides being one of the most
beautiful gifts of nature. The third condition
simple food is abundant here in an hundred
fruits ~~that eat~~ without cut almost, as well
as the Farina that is the flour of the poor and
in fact much eaten by the rich. Farina is
served uncooked (but must be first heated
~~as it is poison~~) and looks more like common
corn meal than any thing else. It is eaten
as we use rice, is very delicate and I should
think a little habit of using it would soon
render it a great luxury. ^{a variety of it is boiled like beef} The tree grows on
^{is not poisonous} side hills best, is about 10 feet in 2 years from
the cutting, and is planted in rows and hills
about 18 inches high as we do potatoes. At the
end of 2 years the roots are as large as a man's
arm and is usually taken up, but sometimes
when it is very large in price grows deep in a
year or two large growing, and its size becomes
very much larger. I see plenty of radishes. The
egg plant here is not larger than a pound pear.
I also see a ^{crook necked} ~~long~~ squash that is solid and
looks very nice, a deep orange inside. ^{and is said to be the best. It grows in Maryland also.}
I see no sweet potatoes and Irish ones do not
succeed here more than a year or two from
European seed. degenerating into very small size
Impatation is large - and the rebound *chay* is
about 3 ^{or 4} cts each in table. *Phu* ("Shu Shu") is

The name of a vegetable, which in Dutch looks like bold celery - is extremely delicate juicy and nice, and I think there 2 varieties of the same or very like it, common in Italy - ^{common & probably cucumbers are plenty - (the latter are bold & bitter like the fruit of the Stromonium)} I visited Botofogo again today a most delightful place, and day rambling about the heavy ridden down in Omnibus for 20 cts & returned by Steam boat for 10 cts -

This is a nice continuation along the bay, of Rio - where are many fine large residences, but I think the style of them is generally too rich for large fine residences - Passing the "gloria" (which is a high abrupt hill projecting into the bay & as wide as if it were at the source of the Amazon, with a little Church (the Emperor) on its side, and its base fringed all around with houses & villas, uplung water and breezes playing about their inviting terraces, so protected with trees & shrubs), we soon came to a nice Baronial residence not yet completed but already 500,000 dollars have been expended on it - Then tells me not hereditary in Brazil, and therefore ought to be really honorable distinction - The Knight in England is rather despised by the nobles than otherwise, as if they really did comprehend that that to be a Knight for something was really more honorable than to be a duke for nothing but by birthright. ^{two of them} I saw at various places in Rio ^{where I saw} the Gloria, ~~two~~

I took a bath in the bay (a little surf often is necessary in this well protected harbor that I cannot account for it) off some rocks nearly screened by shrubbery; ~~an~~ carrying out I wiped my socks, soon found one had gone with the other ~~with~~ doubtless rats had been frightened from prizes for new nests by my sudden return to the shore - I walked along the beach to the base of sugar loaf, a pretty yellow sand already in large variety of beautiful shells some of which I picked up, but how can I send them home -

Gas and water still continue all the way to the forts across this neck of land, and around the perpendicular side of rugged steep things telegraph wires are attached to the rock for communication from fort to fort from the city. On the generally bare sides of these very smooth & steep faces of rock, water enough to make wet strips is constantly descending. Some I have seen here at least, and in patches of areas enough of moisture is thus afforded to support various cacti etc. The pillar cacti here prostrate but curving up at the outer extremity, cover large spaces (intermingled with crust plants) resembling huge serpents coiled about, while the agave, (it looks like) rears its stem of white belly like flowers 6 or 7 feet high in all directions - a great deal of yucca & spurge ^{and also among them} ~~Here are~~ many of these




with 500 to 12 ~~or~~ 24 ~~or~~ feet high resemble ^{seen on Erasmus}

not only a peculiar gothic tower of chambers, but in ~~shape~~ instance the sharp huge roof of the chert itself - the ridge line being almost as sharp and straight, and in one instance there is a ~~low~~ dome at each end, one of them much higher than the other.

Several of the granite lacunae are in that neighbourhood, but I looked in vain for freshmen among the the lacunae. One I saw the other day who was evidently of Irish parentage and a leading workman, but he could not speak English. All colours work together & the colours seem to cut stone as well as any of them. I saw a very black negro patching iron lacunae upon the beach with 2 whites.

Several fine canoes (dugouts) were on the beach with series in them, coloured with tan, brown like the herring nets of Scotland. There would not hold a fish much smaller than a herring. There is fish on table every day but I cannot catch, it is so apt to be bad in hot weather.

but I tried cystis soup to clay and found
the cystis rank and miserable.

I found a frog in the damp sand
bank of the beach much like our grass
frog, rather large & lip bright, unlike the
one I could not keep up with, the other day.
This creature would not move, and seemed
to be heavy to the sand. I pushed him away but
found nothing - I tried sometimes but he was
determined like Keller's slayer, when his
mother told him he might get up now,
(she had sent him to bed for punishment) "No
I thank, I believe I'll stay a little longer"
On the grassy sand flat behind the beach were
grazing some fine mules and fat large oxen.
I soon discovered a wavy path about 2 inches
wide that puzzled me at first, but I
traced it an ant-hole in the ground, at the
distance of about 30 feet from its outer extremity -
I found there were 5 of these paths diverging
from the hole. The grass was closely shown
down to the sand. Cents were going at high
speed toward the hole, hundreds of them, each of
them with a green bit of leaf from  to
begin. Then out edgewise and gave the appearance
of a sail that carried each cent. In such a
train a very nice narrow path is of course
absolutely necessary - The ants marched
about in the grass, near to the path, to which
they returned by the shortest line, when a leaf
of the proper kind for the colony had been obtained.
They were a large sized red ant, but some were
much smaller the majority of them.

Some of the canoes I spoke of were over
20 feet ~~long~~ long and more than 3 feet wide
inside - They ran down to about 1 1/2 feet thick,
light & strong with a high proportion at one end -
must be made of large trees - The proportion is
probably the root end of the tree, where it curved
off into the ground -

near the summit where the mountains
flatten whole forests of tall palms
loom above an undergrowth of great
variety and richness - On many of these
apparently unapproachable summits are little
towns or summer houses, on "Cucovado"
is a stone ballustrade to prevent visitors
falling off - The peak of sugar loaf presents
2 km vertical rock - The first person
who ascended this (the latter year at least)
is said to have been Doctor Brerdell, a
dentist who made & succeeded a fortune here
& died in a mad house a few years ago -
He was brother of the murdered Brerdell in
Brook N. Y. He took his wife & child up
(what appears to be) this impetuous ascent -

I visited the insane asylum so beautifully
situated by Botofago Beach - On entering the
hall I became conscious of a very remarkable
influence - overpoweringly touching & grateful -
while looking at statues of Esquival & Pinel,
a gentleman entered from a side door and asked
if I desired to see the institution - I told him if
or was convenient, He said certainly it was
and leaving me soon returned with a nun or
sister of charity who was remarkably pleasing in
appearance and kind & gentle in manner -
She took me up stairs first to the chapel
a very charming beautiful one, and the virgin
then a simply pretty devout looking woman,
I think in a better picture - The first instance
in which I have ever seen the Mother of God in
any church (that I can recollect) other than the
most bedegged piece of the lowest & possible conception
of humanity I have ever seen presented in connection
with the slightest idea of elevation - I was next
conducted to a window behind the chapel where is
a view into the large area of Father Garden
shrubbery & walks at the rear of the Asylum,
and the fine pines and mountain pine
cemetery beyond the (The view from

The front is of the bay & surrounds and part of the city of Rio.

I was taken through the various wards I cannot remember of an institution evening more fully the spirit of its foundation than this - the neatness and simple elegance the care for the comfort of its inmates in large rooms with beds & other furniture numerous and ample corridors, cell the floors waxed, but most of all the numerous salutations of the men from all sides, the necessity up to keep her hand to catch a ray of the benign influence that shone from her upon every thing around afford an opportunity I would not have missed for much, though I had no idea of going in, when I came to the door - In one room a large number were making wax flowers &c. - in another made work of every grade of skill - The flowers were for sale and portions of the made work for the soldiers - Members of men were skating about the floor upon shoes with soles that they kept the floor in a constant condition of gloss and lustre as well as rather a dangerous degree of lubricity - Black & white all together, and I ran on my tall point among the patients - one fellow offered me snuff, and kept my hand with delight when I took a pinch - Several gave me the same salutation - Such is one of the results of a catholic system which I suspect in institution of men is superior to that of any other Christian sect whatever - ~~The~~ The entire establishment appears to be as clean as so much plate glass and as sweet as the fresh air of heaven itself - I called also to day to see Richard H. Atkinson - nephew of your friend R. W. H. Clark (I think) for a well known man, and acts as to be a large establishment - in St. Pedro St. There are many little low churches about the city which are often very pretty -

Riv Dec 29th 66. I called today to see
 Mr James Monroe the American Consul
 here the past 4 years. A grand son of
 Abel Collins, known all the friends of Rhode
 Island ~~as~~ ~~Monticello~~ but lived at
 Oberlin Ohio from youth. He is a good
 looking man, and I suppose a son of
 Cornell Monroe, whom I have heard of
 but never saw. He was very glad to see
 one whom he could talk about Rhode
 Island with - and gave me an urgent
 invitation to go immediately to St Domingo
 (opposite end of bay by steamer in 15 hours)
 with him to dinner, when his wife & family
 reside with him. I am engaged however
 to dine with Mr Wright (of Wright & Co)
 at their house in town, at 4, and then
 go over with him to his buckskin hall at
 St Domingo, for his wife is in Palladium,
 Mr Wright taking turns with another brother
 of 3 years off & on as palladium key of their
 watch. Mr Wright gave me an open
 invitation to dine with him & then go
 over to his house for the night, when I
 first came, but I have been so busy
 I could not spare time ^{Monroe has application from} ^{non american for aid who}

I shall go to ^{though cabinet} ^{have come out here from the S for work} ^{is not half price here} ^{for a}
 couple of days and then to elliptical &
 then will be ready to go to Montevideo &
 Buenos Ayres. This letter I shall send
 by ship to Baltimore & probably a
 package, the latter to care of Com. G.
 Harbison. With love to all & go affable with
 the most cool & delightful nothing
 could be better yesterday & today - sun vertical
 of course

News to day from N.S. to 28 Jan, via a steamer from Liverpool - fine one now but this was one in Rio last night

Dec 30. I am at *de Wright* at *St. Domingo*, 3 miles
across the bay from *Rio* - a place of little value among
the hills where is every thing tropical almost, cultivated
and wild - *Monkeys* & *Sloth*, ^{& *Iguana*} are also in the neighborhood.
The *ther* falls to 50° in winter here which is considerable *really*
cold - *But* is 12 to 14 *the* *blutta* 32 - *dish* butter 50 to 60 to the
The *word* I spoke of by the end costs 12 1/2 dollars a end, but
every body buys all *stays* every day as *negro* waste -
Labour is 1 to 150 dollars per day without food, in *country* about
15 dollars per month *all*. *Munro* has his house *beautifully*
situated on the *water* close by here and we spent last
evening there - He has a 2^d wife & 4 daughters - also
a *Miss* *Misses* daughter of *Rhode* *Island*, was there - we had
funny from *North* part of *Rhode* *Island*, was there - we had
a *pleasant* evening, *music* *to* be
Boil rice thoroughly - then mix some *stewed* *tomatoes*
with it - put this into a *moiled* *hollowing* out the *center*
Then fill this *center* with *thoroughly* *boiled* *pumpkin*
and *bake* in an *oven* - This is a *most* *excellent*
dish either as a *vegetable* with *meat*, or by itself - a *sort*
of *boiled* *pumpkin* *pie*, with *boiled* *crust* of *rice* & *tomatoes* -
Coffe, *mungyaka* (*capava*) *grow* here - The *Ferina* is from
the *root* of *Maniocca*, as well as *The* *tapioca*, but
the *root* made into *tapioca*, becomes by the *preparation*
unfit for *Ferina* - *Coffe* is *here* also, and *Guava* - The
Custia *bean* is a *small* *tree*, but no *handrona* as *usual* -
The *black* *Mexican* *bean* is *remarkably* *fine* here and
a *great* *dish* - The *Guava* is a *tree* 10 or 12 ft high -
The *Purple* *Pear* which *produces* the *cochineal* is *water*
bean, at least is *wild* - *orange* *Fig*, *lemon* *every*
thing, is *every* *where* *hereabouts*, as *black* *berries*
with us - I see the *bramby* *stems* of the *Aloe*
that *flower* *last* *winter*, *by* *June*,
are *standing* *about* *leafless* and *dead*
on the *hills* 25 feet high - There are *most*
beautiful *views* of *mts* *hills* & *water* here in
all *directions* from *every* *height* - and among
the *luxuries* of the *country* a *nice* *beach*
found *beach* where we *bathed* in *lepid* *breakers*,
a *foot* on a *hill*, a *little* *Ehrenbiststein*,
we *found* *galleries* with *steps*, and at *every*
turn of the *ascending* *galleries* of *stairs* of *white*
stones *stood* *little* *black* *sentinel*, 9 to 14 yds
each with his *drum* *subre*.

Dec 31. Happy new year - came to town from *de Wright*
to day have had a *delightful* *time* there a *day* & 2 *nights*
The *american* *war* *steamer* are *in* *port* - The *war* is *costing* *Brazil*
200,000 dollars per day -