

Field Diary XIV, 14 November 1871 - 14 September 1872

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[0001]

[0002]

[0003]

[0004]

Ujiji 14th November

XIV

1871 Forat = Euphrates

Sehoon = Ganges

Yehun

So-ga = Lake ^ & people Chowambe

Kūddi = country =.

[Map of a river and its bank with notations, including Loanda, Huia, Hangiro, people Usne, Kiziwa, Kitbara, Nyankora, Pororo, and, Kasa.]

Ngoha fine fish

Thabib = physician

My men left Zanzibar

in end of October 1870

& were at Bagamoio

till latter part of Feby 1871 -

& at Unyanyembe -

beginning of May 1871

[0005]

one left Unyanyembe

20th September 1871

5 months at Unybe

to Ujiji on 10th Nov^r

Sueli hadrasani
slave of Syde bin Salem
Marhobe
To-fiki = Banian slave
gone to Kutch
Ali ? says he is fine
Asmane = Garzilia = left

Feb18th D^r Kirk
came over to hunt
for a week & when he
was returning called to
see my people they had
gone two days before his

arrival to hunt

Sheikh Hasheed =
an honest Arab o
Zanzibar - who trusts
to Jetta bought ~~22000~~
[...] dollars for 28 dollars

[0006]

November 15th Start
to go down Tanganyika
with Henry M Stanley
Wind too high

16th 4 hours to Chigoma

20th
~~2221~~ = passed a very crowded
population = men called
us to land to be fleeced
and insulted by way of
Mohonga or mutuari = they

threw stones in rage and
one apparently slung
lighted close to the canoe
We came on until after dark
and landed under a cliff
to rest & cook but a crowd
came and made enquiries
Then a few more came as if
to enquire more perfectly
told us to sleep & tomorrow
friendship should be made
Put luggage on board and
set a watch on cliff - a
number of men came along
cowering behind rocks which
then aroused suspicion

[0007]

and we slipped off quietly
They called after us as men
balked of their prey - We
then went on 5 hours &
slept - then this morning
on to Magala where people
are civil but Mukamba
has war with some one
Lake Narrows to about ten
miles by Western mountains
come towards the Eastern
range that being about NNW
magnetic -

Many stumps of trees killed
by water shew encroach[-]
ment of Lake on East side
a transverse range seems to
shut in the North end
but open country to the E & W
of its ends

24th to point Kizuka in
Mukamba's country -
a Molongwana came to
us from Mukamba
and asserted most
positively that all the
water of Tanganyika

[0008]

flowed into R Lusize
and thence on to Ukerewe
of Mteza = Nothing could
be more clear than his
statements

25th came on about 2
hours to villages on a
high bank where Mukam[-]
-ba is living = the chief
came = a young good
looking man like to
Mugala and welcomed
us - Our friend of
yesterday now declared
as positively as before
that the water of Lusize
flowed into Tanganyika
and not the way he
said yesterday! I have
not the smallest doubt
but Tanganyika discharges
somewhere though we
may be unable to find it
Lusize goes to ^ or comes
from Luanda and

[0009]

Karagwe = This is
hopeful = but I suspend
my judgment -

War rages between
Mukamba and War-
mashanya or Uar[-]
masane = a chief between
this & Lusize = ten
men were killed of
Mukamba's people a
few days ago - vast
numbers of fishermen
ply their calling night
and day as far as we
can see - Tanganyika
closes in except at one
point N & by West of us
Highest point of Western

range about 7000 feet above
the sea is Sumburuza
We are to go tomorrow
to Luhinga elder of Mu[-]
-kamba near Lusize [...]
chief follows us next
day

[0010]
26th Nov^r 1871 S.
M^r Stanley severe fever
gave Mukamba 9 dotis
and 9 fundos =
End of Tanganyika seen
clearly is rounded off
about 4' broad from
East to West

27th M^r S. better = start at
sunset and go W then to N.
for seven hours and at
4 AM reach Lohinga
at mouth of Lusize

28th shot Ibis religiosa
afternoon Lohinga the
superior of Mukamba
came and shewed him-
self very intelligent - He
named 18 Rivers 4 of
which enter Tanganyika
and the rest Lusize
All come into none
leave Tanganyika -
Lusize is said to rise
in Kwangeregere
in Kivo territory

[0011]

between Mutumbe &
Luanda
Nyabungu is chief of
Mutumbi
Luhinga is the most

intelligent and frankest
chief we have seen here

29th go to see Lusize R.
in canoe = mouth filled with
large reedy sedgy islets - three
- branches about 12 = 15 yds
broad & one fathom deep = a
strong current = 2' per hour
water discoloured

30th large present of
eggs flour and a sheep
from Mukamba M^r
Stanley went round to a
Bay in the West to which
the mountains come
sheer down =

1st December 1871
Friday - Latitude last
night 3° 18' 34" S
gave 15 cloths to Lohinga
which pleased him highly

[0012]

Kivo = lagoon
Kuansibura chief
from it the Lusize rises
and flows under a rock

2nd = ill from bilious attack

3^d better & thankful -
men off to bring Mukamba
Mukambas wife brought a

handsome present of milk
beer & cassava = a good looking
young woman of light colour
^ full lips with two children 8 or ten years
of age - We gave them cloths -
and she asked beads = gave 2
fundos

Lunars being 2nd Ast T.
and I was one day wrong

4th very heavy rain
from N. all night =
Bakers Lake cannot be
near as he puts it in
his map for it is un[-]
known to Lohinga's
He thinks that he is
a hundred years old
about 45 really
Namataranga = birds

[0013]

float high in air in
large flocks

5th go over to a point on
our East - Bay is about 12'
broad = mountains very
beautiful = visited chief
Mukamba at his village
5 miles North of Lohingas
wanted us to remain a
few days = but I declined
saw stwo flocks Ibis Religiosa
numbering in all 60 birds
feeding like geese

6th remain at Luhinga
7th start and go S S W to vil
[...]Lohanga pass the

R^t where Speke turned
then breakfast at the
market pace -
8th go on to Mukamba
R^t near boundary of
Babembe & Bavira
people shot by Malongwana
Bavira on coast the
Babembe on M^{ts} tops

[0014]

We pulled six hours to a
rocky islet with two rocks
covered with trees on its West
and near - Babembe are
said to be dangerous
on account of having
been slaughtered by the
Malongwana Lat 3 41' ?

9th leave NY Herald islet
and go S. to Lubumba cape
the people now are the
Basansa along coast -
men drunk & troublesome
gave a present and left
them about 4 ½ afternoon
went to islet N E end
in about 3 hours -
good pulling -

Then 8 hours to Eastern
shores = 11 hours say
28 or 30 miles broad
coast along ^ 5^H = to Mokungo
and rest =
10th reach Mokungo 9½ AM
Kisessa is chief of all
islet Mozima his son
was maltreated at Ujiji &

[0015]

died in consequence
this stopped the dura trade
and we were not assaulted
because not Malongwana

11th Leave Mokunga at
6 AM and coast along 6 ½
hours to Sazzi

12th Mr S. ill with fever
off and after 3 hours stop
at Mosambo vil..

13th Mr S. better = go on to
Ujiji = Mr S. recieved a
letter from Consul Webb
(American) of 11th June
last and telegrams
from Aden up to 29th
April = I recieved none
Dr Kirk had been
busily entertaining the
Admiral and fleet

14th Many people off to
fight Mirambo at Un-
yanyembe - their wives
promenade & wave -
green leaves for victory

[0016]
15th December 1871 at
Ujiji - getting ready to
march East for my
goods.

Sungomazi in one
bag 750 = & in other 759

16th - engage paddlers to
go to Tongwe = and a guide

17th S. 18th writing 19th
20th still writing Despatch
Packed up the large tin box
with Manyema swords
spear heads = for trans-
-mission home by M^r
Stanley = Two chrono[-]
meters and two watches
Anklets of Nzige and
of Manyema = Leave
with Muhamad
bin Saleh a box with
books shirts paper &c
also large & small beads
tea coffee sugar

[0017]
21st Heav[...y rains for
planting now
22nd Stanley ill of fever
23^d D^o very ill = rainy
and uncomfortable
24th S. 25th Christmas

Bag of Beads skin - 2 bags
of sungo maize ^ 746 & blue & 756 w - Gardners =
bag of beads =
soap [...]2 bars = 3 boxes =
= wood - 1 = Tea & Matunda
2^d wooden box = paper shirts
3^d iron box shoes quinine
bag coffee - sextant stand -
~~2 sextants~~ = 1 long wooden empty
Left with Muhamad bin
Saleh at Ujiji Christmas
day 1871 = 2 bags of
beads already here & table[-]
-cloths =

[0018]

26th had but a sorry
Christmas yesterday

27th To send Moenyeghere
some coffee & tell his
wishes to Masudi

27th left Ujiji 9 AM
and crossed goats donkeys
and men over Luiche
about 4' of Eschinomena
and sleep at [...]Masala
from [...] R pt to Bangwe
 $295 - 10 = 285$ or 15° [...] of W
Ue [...] point from
Bangwe 15° S of East
Kabogo about due South
Rombola pt SSE

Note. above the fine yellow
clay schist of Manyema
the banks of Tanganyika
reveal 50 feet of shingle
mixed with red earth -
above this at some parts
great boulders lie - then
sixty feet fine clay schist

[0019]

Then strata five 5 of [...]gravel
under with a foot stratum
of schist between - - -
1st gravel 2 ft - 2nd 4 ft &
lowest about 30 ft thick
the fine schist was
found in still water but
the shingle must have
been in troubled stormy
seas if not carried hither
and thither by ice and at
different epochs

sleep at R. Malagarasi

29th Dec^r 1871 crossed over
the broad bay of the Mala[-]
-garasi to Kagonga &
sleep

30th pass Viga pt - red sandstone
and cross bay of R. Luvuvu
& ^ Mo Nkala vil. and cross over
people & goats. sleep -

31st send for beans as
no provisions in front of
this - Brown water of the
Lugufu bent away North
though wind is SW & W

[0020]

Having provisions we
went round Munkalu
pt - water slightly discolour[-]
ed for a mile South of it
but brown water on the
North side of Bay bent N

1st January 1872 May
the Almighty help me
to finish my work this
year for Christs sake

We slept in Mosehezi
bay - I was storm stayed
in Kifwe bay which is
very beautiful still as a
mill pond & 12 or 13 hip[-]
-popotami near a high
bank - did not kill
for balls are not harden[-]
-ed - High rocky tree covered
shore - rocks bent &

twisted wonderfully
Large slices worn off
land - hill sides clad with
thick robes of living green
yet very very steep

[0021]

[Map of a river with name notations, including Chirewa Creek & islet, Sehumpa bay, Kabo bay, Sebarabamnyombe bay, Tburaeky shore, Kabogo's wife point, Kabogo point (the man), Mosehezi bay & River, Kibwe bay, Kibwe bay & cavern, Mongala point, Loguva River, Viga point, Kagoña, Malagarasi River, Linela River, and Bangwe. Finally, the map indicates that the distance of this stretch of river is about 5 hours long.]

[0022]

[Geographical calculations.]

[Geographical calculations relating to the course of Kibanga to places that include Kabago and Tongwe.]

[Map of a river with name notations, including Burumba or Urumba, Kibanga, Loajere River, Mogambadzi River, Boremba, Mogondozi Bay, Moherembive Bay, Bolassia River and point, and Chirewa River. The map also notes that Kaludu is South South East. Finally, the map indicates that the distance of this stretch of river is about 3 hours long.]

say 7½ hours from Mosehezi bay
to Borimba say about 20'
Mepo the Great Bay

[0023]

2nd January 1872.
a very broad belt of
large tussocks of reeds
lines the shore near
Mt. Kibanga or Boumba
We had to coast along to
the South - saw a village
nearly afloat - people
having there taken refuge
from their enemies

Many hippopotami &
crocodiles in Tangan[-]
yika - a river 30 yards
the Kibanga flows in
strongly = encamped on
open space on knoll &
put up flags to guide the
land party to us -
3^d send off to buy food
M^r S shot a fat zebra
meat very good = failed

4th Ujijians left last
night with canoes - gave
14 fundos of beads to
buy food in way

[0024]

4th January 1872-
waiting for our land
party - gave headman
here at Burimba 2
dotis & a Kitamba doti
Men arrived yesterday
or 4 ½ days from Lugufu

5th M^r Stanley ill of fever
copying notes into journal
all men & goats arrived
safely
6th M^r Stanley better & we
prepare to go

7th M^r Stanley shot a buffalo
at end of our first march
up East & across hills
River Luajere in front
spend night at carcass. 3

8th crossed the River 30 y^{ds}

rapid now knee & waist
deep = country rich & 3
beautiful = hilly and
tree covered = reddish soil East
game abundant

9th Rainy but we went
on E + ENE through a

[0025]

shut in valley - to opening
full of all kinds of game
Buffalo cows have calves
now - one wounded - Rain
came down abundantly 3½

10th across a very lovely
green country - open
forest all fresh & like an
English gentleman's
park - game plentiful -
tree covered mountains
right & left and much
Brown Haematite on the
levels - Course E.M. 4
a range about 3 miles
off on our right -

[Drawing of the countryside referenced in text with "green patch" and "end of ridge
camp then gap W." notated.]

11th off through flat open
forest for 3 hours East
then cook and go on East
other 3 hours - over very
rough rocky hills
country - R^t Mtambu 6

[0026]

12th pff early and pouring
rain came down as we
advanced = country undu[-]
lating - cross a rivulet
15 yards - going N. and at
another of 3 yds came to a
halt all wet & uncomfot[-]
-able - People pick up many
mushrooms & Manendinga
roots like turnips - buffaloes
near us in great numbers

13th fine morning - went
through undulating hilly
country clothed with up[-]
-land trees for 3 hours
then breakfast in an
open glade with bottom of
rocks of brown Haematite
& a hole with rain water
in it - over 1000 feet higher
than Tanganyika -
over clouded & we finished
march in pouring rain
at a rivulet thickly
clad with aquatic trees
on banks = E.SE. 4½

[0027]

14th January 1872 = an-
-other fine morning but
miserably wet afternoon
Went about 4' E S E &
cross a strong rivulet 8 or
10 yards - then on up to a
ridge & along top of it going
about South - breakfast
on edge of plateau looking
down into a broad lovely
valley - Descended and
saw many reddish monkeys

which made a loud out[-]
-cry - much game but
scattered & we got none
wet miserable crossing
of another stream - then
up a valley to see a deserted
Boma or fenced village 5

15th along valley with high
M^{ts} on each hand - then up
over that range on our left
or South = at Top some
lions roared - We then
went on on high land
saw many Hartebeests

[0028]

and zebras but did not
get one though a buffalo
was knocked over - crossed
a rivulet and away over
beautiful undulating
hills & vales - many trees
and Jambros fruit sleep at
a running rill S.E. 5½

16th January 1872 - very
cold night after heavy &
long continued rain -
camp was among brakens
Went E & by S. along the
highland - Then we
saw a village down in
a deep valley into which
we descended - then up
another ridge in valley
and along to village well
cultivated - up again
700 feet at least and
down to Merera's village
hid in a mountainous
nook - about 140 huts
with doors on one side

The valleys present

[0029]

[Drawing of a hut referenced in text.] a lovely scene
of industry - all
being eagerly engaged in
weeding & hoeing to
take advantage of the
abundant rains which
have drenched us
every afternoon SE = 5
return W NW.

17th Remain Mrera's ato
buy food for men and
-selves - first day W NW
2nd & 3^d days N.W. then
when West of Magdala
due West to Borumba -
Ten days to go there

18th march but the
Chirongosi wandered &
led us round about
instead of S.SE. came
near some tree covered
hills and a R^t Monya
maze - Mtamba R^t
in front = very sore
feet bad shoes 4½

[0030]

19th January 1872
Went about SE for 4 hours
crossed Mbamba R^t and
passed through open forest
Large rock in R^t and hills
thickly tree covered 2' East
and West - down a steep
descent & camp - 4½

[Geographical calculations.] 20th D^o
At Mpokula Ruins -

[Geographical calculations.] Karoend D^o
came down R^t Mpokwa
over rough country
sore feet - to ruins of
village of Basivira
and sleep - 3

21st Rest - 22nd - M^r S
shot 2 zebras yesterday
& a she giraffe to day

[0031]

The meat of the Giraffe
was a thousand lb weight
the two zebras about 800

23^d Rest - M^r S fever
24th D^o
[25 = S. ill
26th S. better
& off]

[Meteorological calculations.]

26th through low hills NE
and among bamboos
to open forest - on in
undulating bushy D^o to
a R^t with two rounded 4
hills East - one having
3 mushroom shaped trees

27th on across long
land waves & the only
bamboos East of Mpokwa
Rill to breakfast and in
going on I was attacked by
a furious swarm of bees
and badly stung on face
and head - Donkey nearly
killed by them E $\frac{1}{2}$ N 6

[0032]
Slept in stockade
Misonghi = Yokonongoi

28th Cross R^t and then
away E to near a hill
cross two Rrs broad &
marshy - and deep with
elephants' plungings
Rain almost 2½ or 3
daily but less in
amount now
Bombay
[Drawing of Bombay's head.]
says his
greatest
desire
is to visit
Speke's
grave ere
he dies -

[
square head of
Bombay
top depressed
in centre =
sold off the
gold medal
given to him
by Speke &
Grant]

29th ascended a ridge
the edge of a flat basin

with ledges of dark
brown sandstone the
brim of ponds in
which were deposited

[0033]

great masses of brown
Haematite = disintegrated
into gravel - flat open
forest with short grass
crossed a rill of light
coloured water 3 times
reached a village &
then 1½ hour Merera's
about S.E. 4½
much arum plants

30th At Merera's the
2nd of the name = Much
rain & very heavy
food abundant –
Banyamwezi people
Yukonongo D°

31st Through scraggy
bush - then open forest
with short grass - over
a broad rill and on
good path to village
= Mwaro - chief Kamir[-]
-ambo 4½

[0034]

1st February 1872
We met a caravan of
Syde bin Habib's people
yesterday who report
that Mirambo has
offered to repay all the
goods he has robbed
the Arabs of - all the ivory

powder = blood &c
but his offer was
rejected = country all
around devastated
& Arab force is at
Simba's = Shaw is
dead = very great
mortality by small
pox among Arabs and
at the coast

1st over flat upland
forest open & bushy
Then down a deep de-
-scent and along N.E.
to a large tree at Boma
deserted [...] 4½

[0035]

2nd away over ridges
of cultivation & elephants
footsteps = lost sight of
path = cultivators all
swept away by Ma-Basa[-]
=~~rambo~~vira - very many
elephants feed here =
- lost trail & sent men to
seek it then came to the
camp in forest Lunched 4½
at rill running into
Ngombe Nullah -
Ukamba = tsetse

3^d M^r Stanley has
severe fever with great
pains in back and
legs = an emetic helped
a little but Resin of
Jalap would have
cured him quickly

Rainy all day -

[0036]

4th February 1872

M^r Stanley so ill we
carried him in a cot
across flat forest &
land short grass
for three hours about
Nor East - found a
path = a great help =
As soon as men got
under cover continued
Rains began O. camp 3
of Malongwana = trees peeled
to make bark cloth

5th Off at 6 AM Mr S a little
better but still carried
across same level forest =
pass water in pools &
one in Haematite - saw
a black Rhinoceros &
come near people 5½

6th drizzly morning but
we went on & in two
hours got drenched with
cold NW rain - paths

[0037]

full of water = splashed
along to camp in a
wood = met a party
of native traders going
to Fipa = Mwara 2

x7th along level plains
with clumps of forest
& hollows filled at
present with water

about N-E. to a large
pool of Ngombe Nullah
send off two men 4
to Unyanyembe
for letters & medicine

8th removed from the
large pool of the Nullah
about an hour North to
where game abounds
saw Giraffes & zebras
in way - Nullah cover[-]
ed with Lotus plants
& swarming with
crocodiles 1

[0038]

9th February 1872
Remained for game
but unsuccessful
an eiland shot by M^r S
but lost - depart at
2. PM. & reached
Manyara a kind old chief
country flat and covered
with detached masses
of forest with open 4
glades & flats

10th Leave Manyara &
pass along same fine
park like country &
but little water - Rain
sinks into the sandy soil
at once and the collection
is seldom seen = came
after a hard tramp
to a pool by a sycam-
-ore tree 28 feet nine
in circumference &
broad fruit laden
branches

[0039]

Ziwane NNE. 5½

11th Rain nearly all night
scarcely a day has passed
without it & thunder since
we left Tanganyika =
across flat forest again -
Meet caravan for Ujiji -
grass 3 feet high in seed -
Reach ~~Kir~~Chikuru a stockade
village with dura planta-
-tions around it & pools
of rain water 4½

12th Rest - 13th leave
Chikuru & wade across
an open flat with much
standing water - They
plant rice on the wet
around villages = open
forest - many trees
killed for the bark
used as cloth - roofing
beds - M^r Stanley
sever fever 4

[0040]

14th February 1872 across same
flat open forest with
scraggy trees & grass 3
feet long in tufts
came to Boma 4½
Rainy - N E Gunda

15th same kind of
country = water stagnant
to camp 42 way in forest 4½

16th ~~Binda & past it~~
camp near Kigando
in rolling country
granite knolls

17th over country chiefly
level & water stagnant -
rounded hills seen =
cross a rain torrent
and camp in a new
Boma Mogonda 5½

18th go through among
granite low tree covered
hills with blocks of

[0041]

rock sticking out -
& much cultivation
crops swarding &
many villages - country
opens out & we come
to Tembe in midst of
many straggling villages
Unyanyembe 3¾
Thanks to the Almighty

19th Rest = Recieve
38 coils brass wire from
Mr Stanley = 14½ bags
of beads = 12 copper
sheets = strong canvas
tent = air bed = Boat
trousers = nine loads
of calico - bath - cooking
pots - & medicine chest
Good lot of tools = tacks
screw nails = copper D^o
Books = medicines -
= paper = tar =

Many cartridges and
shot

[0042]

20th February 1872 To my great joy
got 4 flannel shirts
from Agnes = 2 pr of
Seadon's boots from
Waller = Mr St & I
measure calico &
find 733¾ yds wanting
2 frasilahs samsam
D° and one case Brandy
D° Othman pretended
sickness blamed ^- but dead men produced
a bale of calico hidden in
Thani's goods - this
reduced the missing to
436½ yds

21st February 1872 Heavy rains = glad
we are in shelter
Masudi an Arab
near to Ali bin Salem
at Bagamoio =
Bushir an Arab
for whose slave
he took a bale =
Masudi took this

[0043]

Chirongozi not a
slave as a pagazi -
Robbed by Bushir
5th camp from Baga-
-moio Othman
confessed that he knew
of the sale of the box of
brandy & brought
also a shawl he had
forgotten I searched him
& found M^r S stores

which he had stolen too -
22 Service this
morning thanks for
safety thus far -
got a packet of letters
from an Arab -

23^d Send to governor
for box which he
has kept for four
years - all eaten by
white ants - 2 fine
guns & pistol quite

[0044]

destroyed = wood
work all eaten -
Brandy bottles broken
to make appear as if
by accident but
cork driven in and
maize cob cork used -
shewed that thief
had drunk it & broke
bottles - Tea spoiled -
= china safe = cheese good

24th February 1872 -
Writing a Despatch to
Lord Granville agⁿ
Banian slaving and
English native settle-
ment transfer

25th number of Batusi
women came asking
present - tall and
graceful forms = well
shaped small heads
noses & mouths

[0045]

they are the chief owners
of cattle here - War
with Mirambu still
going on - Governor
ashamed to visit me

26th writing Journal
and Despatch

27th Moenemokaia ill
of heart disease and liver abscess ^ = send
blistering fluid - Hold
a christmas feast

28th writing journal
Syde bin Salem called
a China looking man
tried to be civil to us

29th
[Calculations.]

[Calculations.]

[0046]

5th March My
friend Moenemokaia
came yesterday very
ill of abscess in liver
which burst internally

gave him cal & jalap
to open bowels = is
very weak - legs swollen
but body emaciated -

6th Repairing tent
& receive boat & cartridge
and tools &c &c M died

7th machine for filling
cartridges weighing walk
caps

8th writing 9th D^o

10th S. Suliman
Dawa or Dowa

11th writing Gave
M^r Stanley a cheque
for Rs 5000 on

[0047]

Ritchie Stuart & Co
Bombay - This £500
is to be drawn if
Kirk has made
away with all the
rest of the £1000 if
not then it is to be
destroyed by M^r S.

12th writing = 13th

finish letter to M^r Bennett
of New York Herald &
Despatch N^o 5 L^d Granville

14th M^r Stanley
leaves - I commit to his care my journal
sealed with 5 seals
American gold coin -
anna & ½ & cake of
paint with royal
arms - Positively
not to be opened

[0048]

15th March 186872
writing to send after
M^r Stanley by two
of his men who wait
here for the purpose -
copied line of route
obs^{ns} from Kabuire
to Cazembe is the 2nd
visit and on to Lake
Bangweolo - then the
- experiment of weight
on watch key at
Nyangwe & Lusize

16 sent the men after
M^r Stanley & two of
mine to bring his last
words if any -

17th S. service =
18th copying astro. obs^{ns}

19th Birthday = My

[0049]

Jesus, my King, my
life, my all = I again
dedicate my whole self
to thee = accept me and
grant O Gracious Father
that ere this year is
gone I may finish
my task = In Jesus
name I ask it -
Amen, so let it be -
David Livingstone

20th Heavy rain in night
copying Astro. obs^{ns}

21th Read Bakers
book - It is artistic &
clever = Bragging is his
forte - He does good
service in exposing
the Nile slave trade
I hope he may be success[-]
-ful - suppressing it

[0050]

22nd March 1872
Rains almost every
night shew Masika has
been going on here

23^d copying Astro -
Obs^{ns} for Sir T. Maclear

24th S. service - 25th
Susi brought a letter
back from M^r Stanley
5 days off - had a little
fever but I hope he

will go on safely

26th Rain of masika
chiefly by night masika of 1871 began
23^d March & ended 30
April -

27th Reading = very
heavy rains
28th Moenyembegu

[0051]

asked to loan of a
doti = He is starving
& so is the war party
at Mfutu = chaining
their slaves to keep
them from running
away to get food any[-]
where

29th very rainy weather
30th D° D° Parkes Travels

31st Park's Travels
they look so truthful
none of Baker's brag.

1st April 1872
Read Young's search
Expedition book
thankful for many
kind words about
me = He writes like
a gentleman

[0052]

2nd April 1872

send for lost book to
Gunda = making
sounding line out of
lint left by Mr Stanley

3^d April copy obs^{ns}

4th We hear that Dugumbes
men have come to
Ujiji with 50 tusks
He went down Lualaba
with three canoes a
long way & bought much
- ivory = were not
molested by Monan=
-gungo in coming as we
were -

Milk begins on 4th = 24th

Men came back stopped
by a flood in the
way back for my book
copying observations
for Sir T. Maclears

[0053]
5th April 1872

6th send off to buy Holons
Sorghum to make bread
This is nearer to wheat

than maize = New

7th S. service = The Banza-
-mivezi told the Arabs that
they did not want them
to go to fight because
when one Arab was killed
all the rest ran away
and the who army got
frightened in consequence
Give us your slaves only
& we will fight = Magohe
man gave charms and
yesterday they pressed
Mirambo sorely = His
brother sent 4 tusks
as a peace offering -
and it is thought that
the end is near - His
mother was plundered
& lost all her cattle

[0054]

8th an Arab called
Seyed bin Muhamad
Magibbe called he
proposes to go West
to beyond Katanga
(Urenge) - Finish
copying obs^{ns} at
Pambellier for S T. Maclear

9th April 1872
About 150 Waganga of
Mteza carried a present to
Seyed Burghash of ivory
& a young elephant
He spent all the ivory in
buying return presents
of gun powder guns
soap = brandy gin &c
and they have it in
this tembe = this morning
They have taken all out
to see if it is not spoiled
hundreds of packages

[0055]

10th sixteen of Mirambos
wives escaped & were
captured = they report
that he has now only one
barrel of powder & one
box of balls = Kasera his
brother of chief man fled

11th S. - 12th one of the
Baganda of Mteza
told me yesterday that
Dubale is the name
for Deity in his tongue

13th send for book
again = no rain having
fallen since 2nd they will
be able to cross country
14th 15th 16th 17th 18th 19th
W = F. Sat. S. Mon

15th Thursday = hung up
the sounding line on
poles 1 fathom apart &
tarred it = 373 fathoms
of five strands

[0056]

16th April 1872 - Friday

Visit Sultan Ali at
Tabora = Make a present
Abed bin Salem = Le[-]
-hedere is my friend
down Lualaba =

Heard that Dugumbe's
large party over at
Lomame was caught
on two sides right &
left with an open
front and seventy
of them slain the
good Lord kept me
from falling there -
Had I gone I could not
have escaped - It
was a complete rout.
swift vengeance it
looks for the massacre
at Nyangwe I offer hearty

[0057]

thanks for double
preservation

17th Reading = found
the lost book -

18th S. service

19th A Roll of letters
and newspapers
apparently came
Today for Mr Stanley
Messenger says that
he passed M^r S. - on
the road & he said
take that to the D^r
this is erroneous
Prince of Wales is
reported to be dying
of Typhoid Fever
He refused his own
sister Louise entrance
to a state Ball! Louise

hastened to his bedside

[0058]

20th April 1872

Opened the tin tube in
which were found are
letter for M^r Stanley
and nine New York
Heralds of Dec^r 1 - 9
1871 and a cake of
tobacco =

21st Tarred the tent
presented by Mr Stanley
22nd a few days rain
and now it ceases = We
had a good spell of heavy
night rains before and
after 22nd March - then
a cessation = Now there
is a second cessation

Kimera first Mohuma
came from Unyoro
Bialo = land of Raganda
Kira - name of Lake Okan

[0059]

23^d visit Kwikuru
to Muhamad bin Syde
5th Safura moon last of masika now
6th Rabia next month
the masika being
finished all the traders
will leave Zanzibar

for Interior

24th Heavy rain shews
masika not finished yet

25th S. 26th touch
of fever from exposure
27th better & thankful

Zahor died of small
pox here after collecting
much ivory at Fipa
and Urungu = all
taken up by Lewale

[0060]

28th April 1872

29th Writing letter to Bⁿ
Sheikh But called -
30th $2200 + 3300 = 5500$
Samaritan = 5506 - years
Masoretic ch 4 = 5861
Septuagint ch 4 6447

1st May 1872 Buy a
cow from Baganda = for
11 dotis = & 2^d for calf -
about £ 1-5 = at Zanzibar
Head man Sinjeri
said that he was going to
pray = He has been taught
by the Arabs & is the first
proselyte in these lands =
Speke and Baker taught
them to distil brandy by
æ gun barrels and Tozer

dawdles at Zanzibar

Finished a letter for
New York Herald of

[0061]

20 pages = 5400 words
or 2 columns close print
Trying enlist American
Zeal to stop East Coast
slave trade = I pray for a
blessing on it from the
all Gracious = 2 cows &
calves more give plenty
of milk 24 dotis = £2.10

2nd May S. service - a
shower about 4 AM.
Gave a Motusi a doti to
milk & herd the cows for
2 months

3^d bought a fourth
cow from Singere a
Muganda from Mtesa
10 dotis & 3 for calf - a
4th doti as a present
Rains very heavy in
evening & early morning

[0062]

4th May 1872.

Lewale came from
Mfutu = & called here

Prepared tracing paper
to draw a map for
Sir Thomas Maclear

5th 6th Lewale invites
to a feast = Sultan bin
Ali's son died yester[-]
day = one nights illness

7th New last night
Went & break fasted
with Lewale = says
that the Mirambo man
is virtually against
himself as a Syed
Majid man = They wish
to have him removed &
this would be a benefit

8th masika ceased
on 5th being true new
that is from 23^d April to

[0063]

5th May = 12 days but
rains fell plentifully
before that
Nkasiwa = chief of the
Banyamwezi at
Kwikuru = expects to be
attacked today by one
Maganga = also a Mo-
-nyamwezi

9th S. service

10th News came that

Ghamees Wodin Lagh
my friend of Chitinbwa
is killed at a village of
Makoa whither he &
others went to fight &
he recieved a ball through
the bowels from the
left side = other Arabs
have fallen too

Report contradicted
afterwards

[0064]

11th May 1872

Found a serpent at the
door this morning
killed by a cat

12th very cold winds
from the East shew
the rains to be quite over

13th Njala's people
return = were robbed by
Lugaruga at Ngala

14th copying sketch map
News from Ujiji say
many of Muhamad
Bogharib's slaves have
died of small pox and
one Athman killed by Waha

15th gave a bullseye
glass to Singere for

Mteza = He pressed a
cow & calf on me in vain
Lewale off to Mfutu
not to fight but to send the
Bagoye to the war

[0065]

16th S. Lewale sends
off letters to Sultan today
I have no news to send
but am waiting wearily

17th ailing 18th ailing
in bowels = 19th better =
A man of Dugumbe
came from Ujiji
today = contradicts
previous reports
of slaughter = except
of the Bakuss = some
200 of them at Lomame

20th very cold winds
cattle of the Batusi cap-
-tured by the Arabs to
prevent them going off
with the Baganda - My
four among them -
sent over for them -
and they were returned
this morning
35 of Muhamads
slaves died of small pox

[0066]

21st May 1872

Genuine Africans
have flattened nose
bridges = The higher
grades of the tribes have
like Manyema high nose
bridges = this last the
Arabs consider real beauty
The possession of
positiveness must be
comfortable for a time
Bakers was admirable
Cooley's insane =

22nd a slight shower I
suppose the last laid dust
several similar showers
through the day
23^d S. service

24th 25th 26th 7 A.M.

[Meteorological calculations that continue to next page.]

[0067]

[Meteorological calculations that continue from previous page.]

[0068]

28th May 1872

Smokes or haze begins =
and birds stimulated by the
cold build briskly
Halima contended with
Ntaoeke and on my failing
to reconcile them Halima
ran away.

29th Went over to Sultan
bin Ali at Labora & sent
a note to Lewale after
Halima = She came back of
her own accord - would not
come in till I went outside
and told her to enter and
not to quarrel with any[-]
one

30th S. s. 31st one of Mirambo
people routed out and fled

1st June 1872 -
3 PM detached clouds

[Meteorological calculations.]
visited by Jemadar
Ghamees from Katanga
with information

[0069]

which see in II copy

2nd Lemon & Pomegranates
blossoming = Birds building

3^d Chuma married
by Ntaoeke =

[Meteorological calculations.]

[Meteorological calculations.]
TipoTipo's father called

Bar of
Unyanyembe [Meteorological calculations.]

[0070]

6th 7th June 1872

Prepare sungo mazi in
a box of 4 frasilahs = 140 lbs
Sultan bin Ali approves
the Fipa road = the other
is in a state of war

8th Visited Lewale =
Heard of Baker going to
Unyoro water albeit Lake
thinks most of Merere's
read & will give a guide

9th 10th 11th Min. 60°
12th Min 59° Lewale called -

13th S. Min. 55°
Singara one of M^r
Stanley's men returned
from Bagamoio &
reports my caravan as
at Ugoga - I am most
unfeignedly thankful

Stanley and Webb have
acted nobly

[0071]
14th Min. 54° 6 AM =

[Meteorological calculations.]

15th 16th Boiling Point
near 9 AM = sky clear
air
[Meteorological calculations.]

[Meteorological calculations.]

[Meteorological calculations.]

First set this morning
as above in open pot
gallon & ½ of water = 69° air

[Meteorological calculations.]

[0072]

17th June 1872

SSydeultan bin Ali called & doubts
Singaro but says let us wait
to see the men arrive

18th Lewale departs
for the war to finish

Mirambo = the powder
will be pretty well
spent ere he gets there
a perpetual fusilade
seems by way of getting
their spirits up =

19th 20th S. 21st 22nd
23^d Mirambo reported to
Nkasiwa as having sent
100 tusks & 100 slaves to
the coast to buy gunpowder

24th 25th bought 2 oxen
as provisions for the way

26th 27th S. Went over to
Kwikuru and engaged Mu-
-hamad bin Seyde to speak
to Nkasiwa for pagazi
He wishes to go himself

[0073]

28th Dugumbe's
men who went off to
Ujiji to bring ivory
returned today having
been attacked by Robbers
of Mirambo - the pagazi
threw down all their
loads and ran - none were
killed but they lost all

29th Recieved from Sheikh
bin Nasib a packet
containing 1 Gazette 1
overland Mail = 4 Pinches

30th slaughter an ox

1st July make a packet
for sending by one
Suleiman
by Sebh Undu
Sheikh ^ Hamua Undu his
master - Went over to
Kwikuru to address
packet in Arabic

[0074]

2^d July 1872 Send
of a packet to coast
visit ~~Mfutu~~ Kwikuru
Recieve Oswells note of April

3^d Sultan bin Ali called
invited to visit him

4th S. 5th Weary Weary!

6th
[Meteorological calculations.]

7th
[Meteorological calculations.]
8th
[Meteorological calculations.]
All the foregoing observations
were taken from thermos
hung four feet from the
ground on the cool side
(South) of the house &

beneath an earthen roof
complete protection from
wind and radiation

Soon known by the
shadows being nearly
perpendicular - the

[0075]

following protected
from wind by a reed fence
but exposed to sun's rays
slanting a little to shew
the heat endured at
midday by a traveller

here ends II four feet from ground

[Meteorological calculations.]
agreeable marching now

[Meteorological calculations.]

9th

[Meteorological calculations.]

10th

[Meteorological calculations.]

[0076]

11th July 1872 - S.

The final battle to come off
today if at all = Mirambo

12th Sheikh But stealing

13th

[Meteorological calculations.]

14th Watuta slain 200 - ?

15th 16th Visited Sultan
bin Ali = It is reported that
the headman of a stockade
near to Mirambo's set
pointed sticks in concealed
holes like Bruce with his
"craw toes" at Bannockburn
and disabled the assailants
these may be the 20 wounded
the warriors have now sent
for a cannon they have
here to batter him outside
the traps which Mirambo
too has set too probably -

AM 17th

[Meteorological calculations.]

[0077]

Lewale sends off the Baganda
in a great hurry after detain-
ing them for a ~~years~~six months or more
"till the war ended" - gets pagazi of
Banyamwezi for them - this haste
though war is not ended is pro-
-bably because Lewale has heard
of a missionary through me!

a slave killed by people
of Mirambo out prowling

Cannon going is of the
year 1679 went to China
with 1872 commander in
chief 193 Portuguese

18th S. July 1872

19th visited Salem bin
Seff and was very hospitably
entertained = was disappointed
that I could not eat largely
they live very comfortably -
grow ^ wheat and flour & fruits grace
their board - says that goats-
flesh at Zanzibar is better
than beef but here beef is
better than goats flesh -
a stout jolly man -

[0078]

20th July 1872

Nkasiwa returned - was
unfinished but Mirambo
fires now from inside the
stockade alone - Lewale
comes tomorrow too

21th 22nd Bought two milk
cows from a Motusi which
with their calves were 17 dotis
or 34 fathoms -
3 PM cloudy
[Meteorological calculation.]
The Baganda
are packing up
to leave for home = they take
a good deal of brandy &
gin for Mteza from the
Moslems Temp Noon 96°

23^d Baganda departure

countermanded for fear
of Mirambo capturing
their gunpowder 150 barrels

24th Bagohe retire from the
war - this month unlucky
visited Lewale & Nkasiwa
put blister on latter for

[0079]

paralytic arm = to please
him - Lewale says that
a general flight from the
war has taken place
excuse hunger -

[Meteorological calculations.]

25th S. 26th blister did
good to Nkasiwa = went
to put on another on nape
of neck -

27th At dawn a loud
rumbling in the East as
if of thunder - possibly
a slight earthquake = No
thunder clouds visible

Sheikh bin Aasib
came last night & called
Baganda & Arab agents
beaten back with loss
and one killed by the
scouts of Mirambo

[0080]

28th July 1872.

29th 30th News of safari
coming at Ugogo = 12 days off

31st soldered tin box
and renewed powder in
the cartridges for big gun

1st August 1872 S.
visited Nkasiwa =
Baganda sent to see who
stopped the way - were de-
-tained in Usui by a
false report that the
war was finished here
they are to be sent back
to bring on reinforcements
about a thousand being
at Usui or Busubi
about 30 arrived today

2nd New this evening

3^d Visited Salem bin
Seff ill of fever = hospitable
then off to Sultan bin Ali
& home = He effected the

[0081]

flight of all the Baganda
pagazi by giving ten strings
of beads to a Motusi to go

& by night spread a panic
among them = all bolted =

4th - 5th Visit Nkasiwa
6th Beads for 5 days = 7th Visit
Sheikh bin Nasib =

8th S. 9th 3 men arrived
from Zanzibar = thanks

10th Beads for 6 days

11th Safari arrived
left Bagamoio 29th May
 $2 + 30 + 31 + 11^w = 74$ days

12th serve Dura out
visit Sultan bin Ali

13th Dura & cloths 5
each = 23^d 24th =

14th Dura = gave 4
Nassikers 2 dotis each
M^r S. left 14th March
Men arrived 11th Aug. - 5 months

[0082]
to go with Safari

I S Merikane 5 Jorahs
coloured = 8 dotis

II S Merikano 5 Jorahs
coloured 8 dotis

III S Merikikane 5 [...]Jorahs
coloured 8 dotis

IV S Merikano 5 Jorahs
coloured 8 dotis

V Merikano fine5 pr
coloured 8 dotis

VI Mer. fine 4 Jorahs
Kunguru 2 Jorahs
Kanike 2 Jorahs
coloured 4 Jorahs

[0083]

VII Mer. fine 4 Jor
Kanike 4 Jor-
coloured 4 Jor

VIII Mer fine - 4 Jorahs
coloured 4 D°
Kanike 4 Jorahs

IX Mer fine = 2 Jorahs
S. Mer
Kanike - Jor
coloured - 8 dotis

X S. Mer. fine 1 Jorahs
Kanike - 7 dotis
Mer. Satine 1 Jorah
coloured - 23 dotis

1[...]
0 loads cloth in all
1[...]
5 beads
9 ammunition
[...]
8 food & clothes

[0084]
S. 15th August 1872

A fellow claimed
\$10 for H. Ashina and
Amoda foolishly gave
2 dotis = son of Moene-
mokaia called Moene[-]
dongo

16th 5 ÷ 14 = 70 Beads
Wooden cartridge box 1
Powder & cartridges

Tin boxes each with
50 packets & 2 [...] powder
7

3500 cartridges
Fifteen shooter carts are

in a tin box with flints

[0085]

680 600 rifle cartridges
empty - 450 Revol D^o

Lesasse has = sugar candles
Leruze has 15 Sh cart & flints

Sundries
[Calculation.] sextant 2
3

17th preparing things
to remain with S. bin Ali

18th Fundo to be
avoided as extortionate
Went to bid adieu
to Sultan bin Ali and
left goods with him
for the return journey
and [...] many cartridges
full & empty - nails
for boat - 2 iron pillars

[0086]

19th August 1872

waiting for pagazi = Sultan
bin Ali called = is going
off to Ufutu

20th Jacob Wainwright

Rughsa given John D^o =
wish to return to coast
Ulede made them cattle drivers

~~52~~ - 26

Weighed all the loads again
and gave an equal load
of lbs 50 to each and
½ loads to 2 Nassickers
the other two take ordinary
loads =
Mabruki L. is left at
Taborah with Sultan
bin Ali = has long been
sick and is unable to
go with us - very lazy too

[0087]

21st gave people an ox
and a discarded wife
a cloth to avoid exposure
by her husband stripping
her = She is a somebodys child

22nd S. all ready but 10
pagazi lacking

Start 23^d cannot get pagazi
most are sent off to the war

24th 25th started and
went one hour to vil of
Maganga ^ or yuba by a granite ridge
the weather clear & a fine
breeze from East refreshes
It is of importance to
give short marches at first 1¼

26th Two Nassickers lost a
cow out of ten head of
cattle! March to Boma
of Mogonda = five men
sent back after the cow
cow not found = was 2 S.
our best milker

[0088]

27th August 1872

For ~~Mbwanga-vil~~ Ebalwa
& Kasekera of Mamba
cross Torrent now dry &
through forest to vil Ebul-
-wa then pass on to vil
Kasekera to sleep 3½ S by W

28th Reach Mayole vil
in 2 hours & rest S & by W
Water scarce in front
through flat forest to a
marshy looking piece of
water where we camp 1½
altogether S & by W. 3½

29th on through level
forest without water
at present = trees present
a dry wintry aspect
grass dry but some
flowers shoot out &
fresh grass where burned

[0089]

Boys at Gunda have
made clever imitation
guns with springs

of a ship off
[Drawing of a rifle.] the reed
of which each is formed
the hammer is mounted
on a flat square
bit of hard wood
& on moving the
hammer it clicks
like a real gun S & by W. 4½
[Drawing of unknown objects, perhaps two crosses.]

30th The two
Nassickers lost
all the cows yesterday
from sheer laziness
they were found a
long way off & one calf
missing - Suzi
gave them ten cuts
each with a switch
engaging pagazi & Rest

[0090]

31st August 1872 pass
Kisari's vil 1¼ distant
Penta or Phinta to
sleep South & by W 3
perfectly flat Forest

The Buganda boy Kassa
was followed to Gunda
and I delivered him to
his country men = He escaped
from Mayole vil. this
morning & came at 3
PM his clothes in rags
by running through its
forests = 11 hours running
say 22 - and is determined
not to leave us

1st Sept^r 1872 - The same
sort of level forest to the

S. & by W. = KwiChikulu 4^h - 25 m
Manyara called & is
going with us Tomorrow
lasigeaŋge presented
a leg of Kongolo

[0091]

or Taghetsi having
a bunch of white hair
beneath the orbital
sinus = Gave each
man ten days rations

2nd Two pagazi escaped
taking away 24 dotis
belonging to the men
sent after them & remain

3rd unsuccessful

4th flat country but sloping
Southwards = very dry -
course S & by W. 4¼ at
Ziwane in Lakelet = Big tree

5th Off before sunrise &
reach Manyarar in 5¾
people tired = Rest, SSW

6th Rest the caravan = as
we must make forced marches
on account of the Tsetse

7th obliged to remain

on account of fever
in several people

[0092]
8th Sept^r 1872 = On to
Ngombe Nullah = SW 4
very hot & people ill - Tsetse

9th on one hour to broad
part of Ngombe to rest 1
+ 2 to Telekezan forest 2

10th to Mwera's $3\frac{3}{4}$ = $6\frac{1}{4}$
from first of Ngombe SW.

11th march $\frac{1}{2}$ & Telekeza but
remain = W - this is $8\frac{1}{2}$ in other book

12th over flat forest to water in
brown Haematite W 4

13th $3\frac{1}{2}$ = 14th $2\frac{1}{2}$ = 6 Kamirambo

1st ~~August~~ Sept^r 1872
A flock of small swallows
now appears = seem
tailless & white bellies ✓

5th saw one swift = ✓
a very large puff adder lay
near the path gorged with
some small animal = I hit
it fair on the head & one blow
was enough = men said it was
a good sign for the journey

[0093]

Tobe left with Sultan
bin Ali Merikano 5 yds
Fine Kamike 4
in one bale ==

Merikano 5 Jorhas
one Kanike 4 -
bale Kunguru 2 -

3^d Merikane ^ 3 satines 2 jorhas
bale coloured 6 dotis + 1
Kanike = 4 Jorhas

4th Satine Merikane 5
coloured 8 dotis
Kanike [...]4 Jorhas

Long box Spencer cart & pistol
D° D° S40 - cart Spencer
shoat to nails carts
empty cartridges 2 tins
long blue box nails of boat &c

[0094]

The young whydah birds
crouch [...] at
night for heat - they look
like a wooly ball on a branch
By day they engage in
pairing & coaxing each
other by lifting a feather
& popping from side to side
of the mate coaxingly - they
come to the same twig every
night - Like children - they
try to lift heavy weights of
feathers above √ their strength

13th July 1872 saw the

first kites today - (3) one
had spots of white
feathers on body ^ below as if
it were a young one - -
probably come from North ✓

21st Another nest of
Wagtails flown = eat bread
crumbs - Whydahs busy
pairing = 6 Aug = Wagtails
begin to discard ✓ the young
which feed themselves

[0095]

The young = 19th June 1872
Whydahs though full
fledged still gladly take a
feed from their dam -
putting down the breast to the
ground & cocking up the bill
and chirruping in the
most engaging manner
and winning way they know
Dam gives a little still but
administers a friendly
shoree off too - they all
pick up feathers or grass
and hop from side to side
of mates as if saying come
let us play at making
little houses = Wagtail has
shaken her young quite off
and has a new nest -
warbles prettyily very much
like a canary - is extremely
active in catching flies
but eats crumbs of bread
and milk too - sun ✓
birds visit the pomegran[-]
ate flowers and eat insects
there in too as well as nectar

[0096]

near Kasangangaze saw
boys shooting locusts

that settled on the
ground with little bows
and arrows ✓

The first smile of an
infant with its tooth-
-less gums is one of the
pleasantest sights in
nature = Innocence
claiming kinship and
asking to be looed in
its helplessness ✓

Cock Whydaw bird died in
the night - brood came &
chirruped to it for food -
tried to awake it as if not
knowing death -

Wagtail dam refused its
young a caterpillar till it
had killed it - ran away
✓ from it but then gave it when
ready to be swallowed

[0097]

Two Whydaw birds
with black throats and
white breasts & brown on
rest of body had their nests
destroyed several times by
boys = they put back their
eggs as they have the power
to do & now build again
25th May 1872 - another
pair of red breasted cock had
10 chickens & now rebuild
afresh - see case of Trout
in other book May 25th
Red cock bird feeds all the ✓
brood - each puts his head
on one side as he inserts it
in his bill = chirruping
briskly & bothering him -

The young ones lift up a
feather as a doll & invite
suspect others to do the same in
play as children make
miniature houses -
one cock & hen paired he
skips from side to side with
a feather in his bill and
she is pleased = nature
is full of enjoyment

[0098]

Scene facing the Tembe at Kiwihara = low rounded
granite tree covered hills = rows of mtama or dura
& Baganda huts -
[Drawing of a hill with huts and trees.]

[0099]

Tembe of Kwihara [Drawing of a house or building.]
Arab & slaveboy
carrying his gun [Drawing of two men, one carrying a gun.]

[0100]

Pink & samsam [...]
Bulbu 56
Box of
Sungomazi 66
17th [Dated calculation.]
with box 140 lbs
Kirinda & 4 frasilas +36
~~Eighteen is Kirinda~~
17 Seventeen ^ B[...]eads in all
20 loads of calico
Tas - 12 sundries
boat Tent = 49 ?

dishes
[4 loads of
Brass wire
each ^ end 6 coils but
2 of 5 coils =
3 [...] loads of
62 lbs & 70 lbs

Beads 17 + 3 Wire = 20
20 - calico = 20
sundries 12
loads = 52

] bedding
bullets
cartridges (2)
medicine
Flour
biscuits
Fruits
books
Brass wire

[0101]
10th May 1872

Kanyera 60
Kanyera 52
Merikane or
fine white 60
- 60
- 59
- 60
Tunduguru 61
Tunduguru 62
Langio 60
Langio 820
Langio 66 50
Matunda 50
Matunda - 30
Samsam 60
Samsam 60

[0102]
and the valleys are filled
with smoke in the evenings
in consequence -

The Baganda are slaves
in comparison - black
with a tinge of copper colour
sometimes - bridgeless
noses = large nostrils &
lips but well made limbs
and feet ✓ ✓ A in loco

23^d May 1872 A family of
ten Whyda birds = vidua
purpurea - come to Pomgran[-]
ate trees in our yard - the
eight young ones full fledged
are fed by the dam as pigeons
do bring up the food from
the crop without the bow-
ing & bending of the pigeons
they chirrup briskly for food
the dam gives most while
the red breasted cock gives
to one or two & then knocks
the rest away ✓ in loco

[0103]

Note = the Batusi
are the cattle herds of
all this Unyanyembe
region= very polite
in address = women
have small compact
well shaped heads
and pretty faces
colour brown - very
pleasant to speak to
well shaped bodies
with small hands &
feet - the last with high
insteps and springy
altogether = Plants &
grass are collected
every day and a fire
with much smoke
made to fumigate
the cattle = & keep off
flies - the cattle like it

[0104]

Mabruki 30 yds & 2 dotis
Ntaoeaka 3 dotis -
S.

[0105]

Kefhalek = 1 fathom
11th Aug 5 dotis 10th April 72

20th February 1872 Paid to
Susi = Amoda = Chuma
Gardner = Mabruki =
Halima = Mochosi each
one gora merikano of
ten doti each = 7 gorah

23^d June Singaro = 1 fathom
Safen
31st July = Merikane 1 Doti
11th August 5 Dotis
11th August 1872
advanced one piece Mer-
42¼ Susi 42½ Chuma
42½ Gardner 42½
Amoda = one bale
Halima 30 yds Michosi yds

[0106]

Made of five strand
sounding line of 375
fathoms = marked at
each hundred and
then at 50 = from
which to end 25 fms

Tarred the Tent

& paid months
Engaged ^5 Oct^r 1869 = 2½
Jany to Dec^r 1870 = 12
Jany to Dec^r 1871 = 12

Jany to July 1872 = 6

Deduct for Cholera months 3 2½ & other
sickness 3 months - 7
for time to come + 4 D° = 25
sheer loss of time by
employing slaves
two years & one month
additional tramp 2000 miles

[0107]

Boat never to be
dragged but carried
there after all is
secure turn boat
upside down - then
brine = wet it well
there with & when
dry put on tar let
it dry & put no 2 tar
Dont use rudder
take out the rudder pins
& eyes
A centre seam to be
sewed in

Keel oars & tools
65½ lbs
Boat Ribs sterns
& knees - 63 lbs
Tar =

[0108]

Boat = first keel &
stern piece = their ribs
to be fastened to keel as
numbered - then bam-
-boo outside ribs along - and
thwarts = their bamboo
inside - lift the whole
& place it inside the
canvass & fasten it = put salt
brine on it & outside
the tar

with rope sewed & loops
every six inches &
fastened onto inside
bamboo - screws
which fasten
bamboos must
not go to convoys
Extra piece of
canvas along
bottom outside
to protect it
from sand

[0109]

Paid 7 pieces to
own people 20th
Feby 1872
67 pieces left
and put up in bales
of 5 pieces each and
4 pieces Kanike = 68 lbs
or 13 loads =
and 5 loads beads
[Calculations.]

[0110]

[Calculations that continue from next page.]

Matunda 58 lbs
Samsam 64 -
Katundug wire 70 -
Langio 70
Samsam 68
D° 12

found Samsam $144 = 4$

$\frac{140}{\text{found } 58} + \text{charged } 70 = 2$
- 12
[Calculations.]

[0111]

[Calculations that continue to previous page.]

[0112]

[Calculations that continue from next page.]

[...]Cloth found at Unyanyembe

[0113]

[Calculations that continue to previous page.]

[0114]

Stanleys nine bales
and one of mine of
5 Jorahs Merikane
M^r Stanley's is very
inferior Satine
calico but good coloured
cloths - this makes
with one bale found
3^d May 1872 12 bales
Merikane = 8 ½ D^o Stanleys
July Expended another bale

Matango = watermelons

[0115]

28 D^o Barsati broad
red bands
70 dotis Handchiefs
127 Rihane yellow
bands -
20 D^o Mavele
20 D^o Solari Red & yellow
22 Red Kungure
fine red check
8 D^o Rihane -

697 dotis in all

2nd May 1872 found a
bale of five Jorahs hidden
by Athman the thief in
Pain's goods = 50 dotis

Expended the coloured
clothes of one of Mr

[0116]

In Manyuema
commerce had not
begun to break up
the death-like stagnation
which characterises
the earlier periods of
man and to send
through the nation
its circulatory tides
feeble of pulse & slow
but instinct not-
withstanding with the
first life of civili-
zation

copper sheets 12
Nine loads Calico
411 dotis of coloured
cloths = 285 dotis
of Merikane 76 D°
Kamike = 41 Dobwane

[0117]
eight days south
then go North to
Dugumbe = pass
him & go round to
Tanganyika and
Ujiji = Home -

Beads Merikano 2

Kanyera 2
Langio2
√1 mixed pink & samsam
tine Kanyera 1
Merikanz - 1
√Black Buhn 1
Sunago maze 1
Matunda 1
500 fine singe mooz 1
Tundugenuru 1
Refuse mixer ½
Brass Wire coils 38

[0118]
& money from H.M.S.
some small tins
crackers and flour
a few tins preserved
fruits = Sardines =
Gunpowder in
10 ^ 1 ounce kegs = balls = 3000
Resin Jalap -
6 strong Padlocks
2 Nautical Almanacs
for 1872 = 3 -
Whittiers Poems
Freemen engaged 2 years
go to Katanga
[Small drawing, perhaps of a mountain.]
beyond it - to be
paid additional
for carrying and
be allowed to
invest their pay in
ivory but not in
slaves = to go from

[0119]
50 - ^ men to be engaged at
Zanzibar at \$25 = \$30
a year = half advance
NO slaves or Banians

Guns for each Honga Flints - =1000 ~~300~~ = 500
clothpowder horns =
rationsone good Headman

at larger pay
promise to give
him goods to
buy worry in its
ivory country
two strong donkeys
not to be ridden
or get water at
Merego Mkali
on any account -
~~200 Enfield cart-~~
~~ridges & caps~~
one barometer

[0120]

Baganda [Drawing of a man in profile, of man facing forward smoking a pipe, and of a vase.]
siñgeri

[0121]

2^d April 1872 = a
Kwihara = Unyanyembe
Whydah birds building
their nests = the cock
brings fine grass seed
stalks off the top of the
Tembe = takes the end in
and pulls it all through
the entrance save the
ears = The hen keep inside
constantly arranging
the grass with all her
might & sometimes
making the whole nest
move by her efforts -
Feathers after the grass -

[...]

[0122]

[Drawing of a man in profile.]

[0123]

The haze clad mount[-]
ains across Tangan-
-yika beyond greenish
blue water loom high - &
often in the mornings
whole scen enes covered
with a brilliant
glare of low mist on
the surface ^ shuare which
about 11 AM begins
to rock and dance in
waves preceeding the
coming SW wind -

A low restless
sound of wind & water
preceed as a thunder-
storm = after the
calm intense heat
of the sun whose blind[-]
-ing rays beat and
burn till the cracked
earth smokes im[-]
mediately after it
receives the rains

[0124]

frequent what the
feral dread - this feeling
of safety near man
I have noticed for
many years in singing
birds - a small bird
flees to man to escape
hawks and singing
birds are a sign that
a village is near -
considering how the
large game are killed
by man it is remark-
able that they still
cling to his neighbour-
-hood - but the raven-
ous beast of prey inspires
greater dread - Wag-
-tails came off to
meet our canoe
& keep in deserted well

[0125]

[Calculations.]

Ludha will leave
me about £200 out
of £500!

12th January 1872 at a
river ~~perhaps Mtambu~~ -
The chirongoze a keen
hunter gave a bit of
genuine natural history -
He asserted that all
the large game comes
near to human dwell-
-ings for safety from the
lions and leopards
the feral dread man &
his haunts and the
game except the elephant
observe this, and

[0126]

[Map of rivers with geographical notations, including Mrera's, Mtambu R^t, Luagere, Kibanga Mountain, Kabongo, and Tongwe, and recording the presence of buffaloes.]

[0127]

[0128]

From Tanganyika to
Unyanyembe – 215 miles
From Ujiji = + 60' = 275=

English miles 360 = 720

Wagogo mohonqo 150 dotis =

300 fathoms or 600 yards -

Wavinza = Nsogerasson
12 dotis - seala 33 dotis
Muruari of ferry 7 dotis
52 dotis - 1 ore fms = 208 yds
 Waha = Mutuari 22 dotis
2 mionvu 6 dotis - King =
70 dotis = Mateko 4 dotis
Kings brother 30 dotis = 130
dotis = 260 fms or = 520 yds
Ran away from rest of
about 70 dotis more
[Calculations.]

£80 or \$400

[0129]

1871

Trout of Tanganyika Kologhwe [Large drawing of a trout.]
2 rows of teeth above
first labial
[Drawing of teeth[?].]
second of
[Drawing of knobs.] knobs
each = below one row
size of a good large
herring - brick red
patch on gills
yellow iris = greenish head
& back silver belly

[0130]

[Drawing with geographical calculations and notations, including Kazambe, Gato cape, Mokunga, Motambala Lebumba, Kabogie point, " New York Herald island", Basapsi, Pemba, and Lohanga, and recording distances to Sazze and Sentakeza point.]

[0131]

Further from Dr. Livingstone.

London, Aug. 29. Dr. Kirk of Zanzibar writes that
Dr. Livingstone is still in the country west of the
Tanganyika and the Arabs there count him as a resi-

dent. In that region no feeling is manifested toward him. He is moving slowly but safely, and will leave no doubts in the geographical problem whether Lake Tanganyika is the real head of the Nile, or whether it empties by the Congo.

[0132]

[Drawing of landscape referenced in text, with additional notes of "covered at top dark forest", and "great Mt mass like crater".]

Mukamba crater lake

boundary of Bavira & Babembe

[0133]

[Map that continues from next page with calculations and notations, including Lebomba, Kabogie point, Kavumvevek isle, "New York Herald island," Pemba point, Ngofi route, Kabondo point, Babira coast, Muekamba point, Lohanga point, and Ranuata.]

[0134]

5th Dec^r 1871 [Geographical calculations.]

L[...]_{pt} 2020

Magala _{pt} 1770

Chanate Mt N 5 East

from Lohanga to Magala

160° D point far beyond 1600

[Drawing of a mountain.]

From Ngobe R^t

back to bhamate Mt 10°

D is let Ngofi 210°

to point Lebunmba 200°

[Map that continues to previous page with calculations and notations, including Penza point and Matumba point.]

[0135]

View of Virina Moutnains & Suburuzu [Drawing of the mountains that continues from next page.]

White Clouds - Fleecy

[0136]

Peak, from the Middle of the Sala [Drawing of the mountains that continues from previous page and includes calculations.]

[0137]

M Kiruba D°
the head of Lusize
is called Kwangere
-gere - Rises w Kivo
territory ^between
N.E. portion Motumbe
Luanda bordering
on Runda which
is done to Karagwe
Sultan of Motumbi
is Naviungu or
Nyabungu
Gitara former
Sultan of Itara

Sumburuza [Small drawing of mountain.]

[0138]

Muguera
M ^ Mgere a Mphanda
Mgera Karundwa
at rimashanyas
Mgera a Kanige
D°
M Kagonise to Lusize
M Kaburan D°
M Muhira D°
M Niamagana D°
M Niakagunda D°
M Luviro D°
M Rofubu D°
M Kavimbira D°
M Miove D°
M Ruhwha D°
M Mokindo D°
M Sange D°
M Rubirize D°

[0139]

[Map that continues from next page of a river with calculations and geographical notations, including Mount Chama, Ramata of Warumashanya, Kanige of Mumugere point, Mukumbi point, Kisuka, Uvira, Sumluny, Lohanga, Megera, Magala, Mogew camp, Sendakaye, River Damah, Urorembwe, an illegible location, Isigumo point, Kasoge, Kigwene point, Mokunga, Kigunda Cape, Ruaba River, Cape Hasizu, and Bembe Sumburize.]

[0140]

20th from camp near cape
Kitunda N & by W $\frac{1}{2}$ W 2 hours
to cape Kasofu = [...] to ?
cape far off N & by W $\frac{1}{2}$ W
sleep at
[Map of river.] Mokingo and
were robbed at night by
travelling natives

21 = [...] now looks near
along coast coast to market - 2 hours
Past Bikari thieves to
R Morembwe - - 5
to R Damah - 1

to send a key a night 5
at night Mvgewe 6

23rd to Magala 2
24th go to Kizuka pt 4 $\frac{1}{2}$
High wind drove us in

25th to Mogere R 1 $\frac{1}{2}$
discoloured water
R Mpanda = R Kisemo in
North from Magere

[Map that continues to previous page, including Mount Chamate.]

[0141]

[Map of river with calculations and geographical notations, including River Ruabo, Kitunda, Kasokwe, Mshala, Cape Kasofu, Banda, Bomday, Kuguga, Zassi, Kirassa, Mgongo point, Burundi, Matumbo village, Nyasanga, Kazunga cape, Chibonge, Katongi, Mosuma, Mbirar isle, Cape Upanza, Ruanza, Kagoma, Kabila Nzuri, Bunye, Kigoma, and Ujiji.]

[0142]

W 2 hours = then W of W
to Kigombes to Bangwe
15 miles

North Kagoma 3 villages 15 mutis
North $\frac{1}{2}$ East.
[island nearly [...]
into move north
deep bay on East side 2 miles [...]
2 deep]

17th Highland N & S 2 Hours
Mbwara isle N W & N by W
20 miles off = is called
Mozima = people Bware

Borundi a Ñongo 20' N
chief Moezi
= pass rill & sleep at big
Frens India Nyasanga

18th NNE to Matumba
2 hours = many vil & palms
to valley large Kā Mgongo Rt
to Kirassa Mt wooded and
1½ from shore 115 fms line broke
place of camp 3 zassi

19th to large vil & cows 1 hour
Kagunga = Banda 1 D°
boundary of Rundi & Ujiji
to Kitunda cape 2
NW by W from Namisinga

[0143]

[0144]

[Annotated insert from the Stirling University Conservation Project from 1986.]

[0145]