

# Field Diary XIV, 14 November 1871 - 14 September 1872

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[0001]

[0002]

[0003]

[0004]

Ujiji 14<sup>th</sup> 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  
20<sup>th</sup> September 1871  
5 months at Unybe  
to Ujiji on 10<sup>th</sup> Nov<sup>r</sup>

---

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

---

Feb18<sup>th</sup> D<sup>r</sup> 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 15<sup>th</sup> Start  
to go down Tanganyika  
with Henry M Stanley  
Wind too high

---

16<sup>th</sup> 4 hours to Chigoma

20<sup>th</sup>  
~~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

---

24<sup>th</sup> 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

25<sup>th</sup> 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]

26<sup>th</sup> Nov<sup>r</sup> 1871 S.

M<sup>r</sup> 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

---

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

---

28<sup>th</sup> 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

---

29<sup>th</sup> 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

---

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

---

1<sup>st</sup> 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

---

2<sup>nd</sup> = ill from bilious attack

---

3<sup>d</sup> 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 2<sup>nd</sup> Ast T.  
and I was one day wrong

---

4<sup>th</sup> 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

---

5<sup>th</sup> 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

---

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

R<sup>t</sup> where Speke turned  
then breakfast at the  
market pace -  
8<sup>th</sup> go on to Mukamba  
R<sup>t</sup> near boundary of  
Babembe & Bavira  
people shot by Malongwana  
Bavira on coast the  
Babembe on M<sup>ts</sup> 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' ?

---

9<sup>th</sup> 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  $\hat{5}^H$  = to Mokungo  
and rest =  
10<sup>th</sup> 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

---

11<sup>th</sup> Leave Mokunga at  
6 AM and coast along 6 ½  
hours to Sazzi

---

12<sup>th</sup> M<sup>r</sup> S. ill with fever  
off and after 3 hours stop  
at Mosambo vil..

---

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

---

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

[0016]

15<sup>th</sup> December 1871 at  
Ujiji - getting ready to  
march East for my  
goods.

---

Sungomazi in one  
bag 750 = & in other 759

---

16<sup>th</sup> - engage paddlers to  
go to Tongwe = and a guide

---

17<sup>th</sup> S. 18<sup>th</sup> writing 19<sup>th</sup>  
20<sup>th</sup> still writing Despatch  
Packed up the large tin box  
with Manyema swords  
spear heads = for trans-  
-mission home by M<sup>r</sup>  
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]  
21<sup>st</sup> Heav[...y] rains for  
planting now  
22<sup>nd</sup> Stanley ill of fever  
23<sup>d</sup> D<sup>o</sup> very ill = rainy  
and uncomfortable  
24<sup>th</sup> S. 25<sup>th</sup> 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<sup>d</sup> wooden box = paper shirts  
3<sup>d</sup> 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]

26<sup>th</sup> had but a sorry  
Christmas yesterday

---

27<sup>th</sup> To send Moenyeghere  
some coffee & tell his  
wishes to Masudi

---

27<sup>th</sup> 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 - - -  
1<sup>st</sup> gravel 2 ft - 2<sup>nd</sup> 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

---

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

---

30<sup>th</sup> pass Viga pt - red sandstone  
and cross bay of R. Luguvu  
& ^ Mo Nkala vil. and cross over  
people & goats. sleep -

---

31<sup>st</sup> 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

---

1<sup>st</sup> 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, Tburaky shore, Kabogo's wife point, Kabogo point (the man), Mosehezi bay & River, Kibwe bay, Kibwe bay & cavern, Mongala point, Loguva River, Viga point, Kagoŋga, 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.]

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[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]

2<sup>nd</sup> 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<sup>d</sup> send off to buy food  
M<sup>r</sup> S shot a fat zebra  
meat very good = failed

---

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

[0024]

4<sup>th</sup> 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

---

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

---

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

---

8<sup>th</sup> crossed the River 30 y<sup>ds</sup>

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

---

9<sup>th</sup> 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

---

10<sup>th</sup> 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.]

---

11<sup>th</sup> 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<sup>t</sup> Mtambu 6

[0026]

12<sup>th</sup> 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 & uncomfort[-]  
-able - People pick up many  
mushrooms & Manendinga  
roots like turnips - buffaloes  
near us in great numbers

---

13<sup>th</sup> 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]

14<sup>th</sup> 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

---

15<sup>th</sup> along valley with high  
M<sup>ts</sup> 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

---

16<sup>th</sup> 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.

---

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

---

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

[0030]

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

---

[Geographical calculations.] 20<sup>th</sup> D<sup>o</sup>  
At Mpokula Ruins -

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

---

21<sup>st</sup> Rest - 22<sup>nd</sup> - M<sup>r</sup> 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<sup>d</sup> Rest - M<sup>r</sup> S fever  
24<sup>th</sup> D<sup>o</sup>  
[25 = S. ill  
26<sup>th</sup> S. better  
& off]

[Meteorological calculations.]

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

---

27<sup>th</sup> 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 ½ N 6

[0032]  
Slept in stockade  
Misonghi = Yokonongoi

---

28<sup>th</sup> Cross R<sup>t</sup> 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]

---

29<sup>th</sup> 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

---

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

---

31<sup>st</sup> 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]

1<sup>st</sup> 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

---

1<sup>st</sup> 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]

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2<sup>nd</sup> away over ridges  
of cultivation & elephants  
footsteps = lost sight of  
path = cultivators all  
swept away by Ma-Basa[-]  
=~~ram~~bøvira - 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<sup>d</sup> M<sup>r</sup> 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]

4<sup>th</sup> February 1872

M<sup>r</sup> 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

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5<sup>th</sup> 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

---

6<sup>th</sup> 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

---

x7<sup>th</sup> 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

---

8<sup>th</sup> 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]

9<sup>th</sup> February 1872  
Remained for game  
but unsuccessful  
an eiland shot by M<sup>r</sup> 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

---

10<sup>th</sup> 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 circumferance &  
broad fruit laden  
branches

[0039]

Ziwane NNE. 5½

---

11<sup>th</sup> 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

---

12<sup>th</sup> Rest - 13<sup>th</sup> 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<sup>r</sup> Stanley  
sever fever 4

[0040]

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

---

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

---

16<sup>th</sup> Binda & past it  
camp near Kigando  
in rolling country  
granite knolls

---

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

---

18<sup>th</sup> 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

19<sup>th</sup> 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<sup>o</sup>  
Books = medicines -  
= paper = tar =

Many cartridges and  
shot

[0042]

20<sup>th</sup> 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 733<sup>3</sup>/<sub>4</sub> yds wanting  
2 frasilahs samsam  
D<sup>o</sup> and one case Brandy  
D<sup>o</sup> Othman pretended  
sickness blamed ^- but dead men produced  
a bale of calico hidden in  
Thani's goods - this  
reduced the missing to  
436<sup>1</sup>/<sub>2</sub> yds

---

21<sup>st</sup> 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  
5<sup>th</sup> 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<sup>r</sup> 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<sup>d</sup> 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

---

24<sup>th</sup> February 1872 -  
Writing a Despatch to  
Lord Granville ag<sup>n</sup>  
Banian slaving and  
English native settle-  
ment transfer

---

25<sup>th</sup> 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

---

26<sup>th</sup> writing Journal  
and Despatch

---

27<sup>th</sup> Moenemokaia ill  
of heart disease and liver abscess  $\hat{=}$  send  
blistering fluid - Hold  
a christmas feast

---

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

---

29<sup>th</sup>  
[Calculations.]

---

[Calculations.]

[0046]

5<sup>th</sup> 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 -

---

6<sup>th</sup> Repairing tent  
& receive boat & cartridge  
and tools &c &c M died

---

7<sup>th</sup> machine for filling  
cartridges weighing walk  
caps

---

8<sup>th</sup> writing 9<sup>th</sup> D<sup>o</sup>

---

10<sup>th</sup> S. Suliman  
Dawa or Dowa

---

11<sup>th</sup> writing Gave  
M<sup>r</sup> 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<sup>r</sup> S.

---

12<sup>th</sup> writing = 13<sup>th</sup>

finish letter to M<sup>r</sup> Bennett  
of New York Herald &  
Despatch N<sup>o</sup> 5 L<sup>d</sup> Granville

14<sup>th</sup> M<sup>r</sup> 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]

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

---

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

---

17<sup>th</sup> S. service =  
18<sup>th</sup> copying astro. obs<sup>ns</sup>

---

19<sup>th</sup> 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

---

20<sup>th</sup> Heavy rain in night  
copying Astro. obs<sup>ns</sup>

---

21<sup>th</sup> 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]

22<sup>nd</sup> March 1872  
Rains almost every  
night shew Masika has  
been going on here

---

23<sup>d</sup> copying Astro -  
Obs<sup>ns</sup> for Sir T. Maclear

---

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

will go on safely

---

26<sup>th</sup> Rain of masika  
chiefly by night masika of 1871 began  
23<sup>d</sup> March & ended 30  
April -

---

27<sup>th</sup> Reading = very  
heavy rains  
28<sup>th</sup> 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

---

29<sup>th</sup> very rainy weather  
30<sup>th</sup> D° D° Parkes Travels

---

31<sup>st</sup> Park's Travels  
they look so truthful  
none of Baker's brag.

---

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

[0052]

2<sup>nd</sup> April 1872

---

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

---

3<sup>d</sup> April copy obs<sup>ns</sup>

---

4<sup>th</sup> 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 4<sup>th</sup> = 24<sup>th</sup>

---

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

---

[0053]

5<sup>th</sup> April 1872

---

6<sup>th</sup> send off to buy Holons  
Sorghum to make bread  
This is nearer to wheat

than maize = New

---

7<sup>th</sup> 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]

8<sup>th</sup> an Arab called  
Seyed bin Muhamad  
Magibbe called he  
proposes to go West  
to beyond Katanga  
(Urenge) - Finish  
copying obs<sup>ms</sup> at  
Pambellier for S T. Maclear

---

9<sup>th</sup> 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]

10<sup>th</sup> 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

---

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

---

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

---

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

[0056]

16<sup>th</sup> 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

---

17<sup>th</sup> Reading = found  
the lost book -

---

18<sup>th</sup> S. service

---

19<sup>th</sup> A Roll of letters  
and newspapers  
apparently came  
Today for Mr Stanley  
Messenger says that  
he passed M<sup>r</sup> S. - on  
the road & he said  
take that to the D<sup>r</sup>  
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]

20<sup>th</sup> April 1872

---

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

---

21<sup>st</sup> Tared the tent  
presented by Mr Stanley  
22<sup>nd</sup> a few days rain  
and now it ceases = We  
had a good spell of heavy  
night rains before and  
after 22<sup>nd</sup> 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<sup>d</sup> visit Kwikuru  
to Muhamad bin Syde  
5<sup>th</sup> Safura moon last of masika now  
6<sup>th</sup> Rabia next month  
the masika being  
finished all the traders  
will leave Zanzibar

for Interior

---

24<sup>th</sup> Heavy rain shews  
masika not finished yet

---

25<sup>th</sup> S. 26<sup>th</sup> touch  
of fever from exposure  
27<sup>th</sup> better & thankful

---

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

[0060]

28<sup>th</sup> April 1872

---

29<sup>th</sup> Writing letter to B<sup>n</sup>  
Sheikh But called -  
30<sup>th</sup> 2200 + 3300 = 5500  
Samaritan = 5506 - years  
Masoretic ch 4 = 5861  
Septuagint ch 4 6447

---

1<sup>st</sup> May 1872 Buy a  
cow from Baganda = for  
11 dotis = & 2<sup>d</sup> 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  
a 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

---

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

---

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

[0062]

4<sup>th</sup> May 1872.

---

Lewale came from  
Mfutu = & called here

Prepared tracing paper  
to draw a map for  
Sir Thomas Maclear

---

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

---

7<sup>th</sup> 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

---

8<sup>th</sup> masika ceased  
on 5<sup>th</sup> being true new  
that is from 23<sup>d</sup> April to

[0063]

5<sup>th</sup> 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

---

9<sup>th</sup> S. service

---

10<sup>th</sup> 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]

11<sup>th</sup> May 1872

---

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

---

12<sup>th</sup> very cold winds  
from the East shew  
the rains to be quite over

---

13<sup>th</sup> Njala's people  
return = were robbed by  
Lugaruga at Ngala

---

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

---

15<sup>th</sup> 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]

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

---

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

---

20<sup>th</sup> 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]

21<sup>st</sup> 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 =

---

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

---

24<sup>th</sup> 25<sup>th</sup> 26<sup>th</sup> 7 A.M.

---

---

[Meteorological calculations that continue to next page.]

[0067]

[Meteorological calculations that continue from previous page.]

[0068]

28<sup>th</sup> May 1872

---

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

---

29<sup>th</sup> 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

---

30<sup>th</sup> S. s. 31<sup>st</sup> one of Mirambo  
people routed out and fled

---

1<sup>st</sup> June 1872 -  
3 PM detached clouds

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

[0069]

which see in II copy

---

2<sup>nd</sup> Lemon & Pomegranates  
blossoming = Birds building

---

3<sup>d</sup> Chuma married  
by Ntaoecka =

---

[Meteorological calculations.]

---

[Meteorological calculations.]  
TipoTipo's father called

Bar of  
Unyanymbe [Meteorological calculations.]

[0070]

6<sup>th</sup> 7<sup>th</sup> 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

---

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

---

9<sup>th</sup> 10<sup>th</sup> 11<sup>th</sup> Min. 60°  
12<sup>th</sup> Min 59° Lewale called -

---

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

Stanley and Webb have  
acted nobly

---

[0071]

14<sup>th</sup> Min. 54° 6 AM =

[Meteorological calculations.]

---

15<sup>th</sup> 16<sup>th</sup> 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]

17<sup>th</sup> June 1872

---

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

---

18<sup>th</sup> 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 =

---

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

---

24<sup>th</sup> 25<sup>th</sup> bought 2 oxen  
as provisions for the way

---

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

[0073]

28<sup>th</sup> 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

---

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

---

30<sup>th</sup> 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<sup>d</sup> July 1872 Send  
of a packet to coast  
visit Mfutū Kwikuru  
Recieve Oswells note of April

---

3<sup>d</sup> Sultan bin Ali called  
invited to visit him

---

4<sup>th</sup> S. 5<sup>th</sup> Weary Weary!

---

6<sup>th</sup>  
[Meteorological calculations.]

---

7<sup>th</sup>  
[Meteorological calculations.]  
8<sup>th</sup>  
[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.]

---

9<sup>th</sup>

[Meteorological calculations.]

---

10<sup>th</sup>

[Meteorological calculations.]

[0076]

    11<sup>th</sup> July 1872 - S.

---

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

---

    12<sup>th</sup> Sheikh But stealing

---

13<sup>th</sup>

[Meteorological calculations.]

---

14<sup>th</sup> Watuta slain 200 - ?

---

15<sup>th</sup> 16<sup>th</sup> 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 17<sup>th</sup>

[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

---

18<sup>th</sup> S. July 1872

---

19<sup>th</sup> 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]

20<sup>th</sup> July 1872

---

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

---

21<sup>th</sup> 22<sup>nd</sup> 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<sup>d</sup> Baganda departure

countermanded for fear  
of Mirambo capturing  
their gunpowder 150 barrels

---

24<sup>th</sup> 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.]

---

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

---

27<sup>th</sup> 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]

28<sup>th</sup> July 1872.

---

29<sup>th</sup> 30<sup>th</sup> News of safari  
coming at Ugogo = 12 days off

---

31<sup>st</sup> soldered tin box  
and renewed powder in  
the cartridges for big gun

---

---

1<sup>st</sup> 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

---

2<sup>nd</sup> New this evening

---

3<sup>d</sup> 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 =

---

4<sup>th</sup> - 5<sup>th</sup> Visit Nkasiwa  
6<sup>th</sup> Beads for 5 days = 7<sup>th</sup> Visit  
Sheikh bin Nasib =

---

8<sup>th</sup> S. 9<sup>th</sup> 3 men arrived  
from Zanzibar = thanks

---

10<sup>th</sup> Beads for 6 days

---

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

---

12<sup>th</sup> serve Dura out  
visit Sultan bin Ali

---

13<sup>th</sup> Dura & cloths 5  
each = 23<sup>d</sup> 24<sup>th</sup> =

---

14<sup>th</sup> Dura = gave 4  
Nassikers 2 dotis each  
M<sup>r</sup> S. left 14<sup>th</sup> March .....  
Men arrived 11<sup>th</sup> 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[...]<sup>0</sup> loads cloth in all  
1[...]<sup>5</sup> beads  
9 ammunition  
[...]<sup>8</sup> food & clothes

[0084]  
S. 15<sup>th</sup> August 1872

---

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

---

16<sup>th</sup> 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<sup>o</sup>

---

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

---

Sundries

[Calculation.] sextant 2  
3

---

17<sup>th</sup> preparing things  
to remain with S. bin Ali

---

18<sup>th</sup> 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]

19<sup>th</sup> August 1872

---

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

---

20<sup>th</sup> Jacob Wainwright

Rughsa given John D° =  
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]

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

---

22<sup>nd</sup> S. all ready but 10  
pagazi lacking

---

Start 23<sup>d</sup> cannot get pagazi  
most are sent off to the war

24<sup>th</sup> 25<sup>th</sup> 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

---

---

26<sup>th</sup> Two Nassikers 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]

27<sup>th</sup> 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

---

28<sup>th</sup> 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

---

29<sup>th</sup> 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.]

---

30<sup>th</sup> 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]

31<sup>st</sup> 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

---

1<sup>st</sup> Sept<sup>r</sup> 1872 - The same  
sort of level forest to the

S. & by W. = KwiChikulu 4<sup>h</sup> - 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

---

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

---

3<sup>rd</sup> unsuccessful

---

4<sup>th</sup> flat country but sloping  
Southwards = very dry -  
course S & by W. 4<sup>1</sup>/<sub>4</sub> at  
Ziwane in Lakelet = Big tree

---

5<sup>th</sup> Off before sunrise &  
reach Manyarar in 5<sup>3</sup>/<sub>4</sub>  
people tired = Rest, SSW

---

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

---

7<sup>th</sup> obliged to remain

on account of fever  
in several people

[0092]

8<sup>th</sup> Sept<sup>r</sup> 1872 = On to  
Ngombe Nullah = SW 4  
very hot & people ill - Tsetse

---

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

---

10<sup>th</sup> to Mwera's 3<sup>3</sup>/<sub>4</sub> = = 6<sup>1</sup>/<sub>4</sub>  
from first of Ngombe SW.

---

11<sup>th</sup> march <sup>1</sup>/<sub>2</sub> & Telekeza but  
remain = W - this is 8<sup>1</sup>/<sub>2</sub> in other book

---

12<sup>th</sup> over flat forest to water in  
brown Haematite W 4

---

13<sup>th</sup> 3<sup>1</sup>/<sub>2</sub> = 14<sup>th</sup> 2<sup>1</sup>/<sub>2</sub> = 6 Kamirambo

---

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

---

5<sup>th</sup> 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<sup>d</sup> Merikane ^ 3 satines 2 jorhas  
bale coloured 6 dotis + 1  
Kanike = 4 Jorhas

---

4<sup>th</sup> 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

---

13<sup>th</sup> 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 ✓

---

21<sup>st</sup> 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 = 19<sup>th</sup> 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  
shree 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  
25<sup>th</sup> May 1872 - another  
pair of red breasted cock had  
10 chickens & now rebuild  
afresh - see case of Trout  
in other book May 25<sup>th</sup>  
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 Kivihara = low rounded  
granite tree covered hills = rows of mtama or dura  
& Baganda huts -  
[Drawing of a hill with huts and trees.]

[0099]

Tembe of Kivihara [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  
17<sup>th</sup> [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]  
10<sup>th</sup> 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<sup>d</sup> 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  
11<sup>th</sup> Aug 5 dotis 10<sup>th</sup> April 72

---

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

---

23<sup>d</sup> June Singaro = 1 fathom  
Safen  
31<sup>st</sup> July = Merikane 1 Doti  
11<sup>th</sup> August 5 Dotis  
11<sup>th</sup> 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<sup>r</sup> 1869 = 2½  
Jany to Dec<sup>r</sup> 1870 = 12  
Jany to Dec<sup>r</sup> 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 20<sup>th</sup>  
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

140 + charged 70 = 2  
found 58  
- 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<sup>r</sup> Stanley's is very  
inferior Satine  
calico but good coloured  
cloths - this makes  
with one bale found  
3<sup>d</sup> May 1872 12 bales  
Merikane = 8 ½ D<sup>o</sup> Stanleys  
July Expended another bale

---

Matango = watermelons

[0115]

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

---

697 dotis in all

---

---

2<sup>nd</sup> 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.]  
siŋgeri

[0121]

2<sup>d</sup> 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 in[-]  
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!

12<sup>th</sup> 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<sup>t</sup>, 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 M<sup>t</sup> 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]

5<sup>th</sup> Dec<sup>r</sup> 1871 [Geographical calculations.]

---

L[...]<sub>pt</sub> 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<sup>t</sup>

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]

20<sup>th</sup> 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

---

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

---

25<sup>th</sup> 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]

---

17<sup>th</sup> 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

---

18<sup>th</sup> NNE to Matumba  
2 hours = many vil & palms  
to valley large ~~K~~ Mgongo Rt  
to Kirassa Mt wooded and  
1 $\frac{1}{2}$  from shore 115 fms line broke  
place of camp 3 zassi

---

19<sup>th</sup> 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]