

## Field Diary XV, 7 July 1872 - 1 December 1872

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[0001]

[0002]

30<sup>th</sup> Nov<sup>r</sup>  
Ramadan  
[Calculation.]

July  
31 August  
30 September  
31 October  
30 November + 12  
31 December  
21 July  
[Calculation.]  
Jesus 1872  
1873  
[132]

[0003]  
[Calculations.] [Calculations.]  
1289

[0004]  
XV. 1872

Unyanyembe July  
7<sup>th</sup> waiting wearily  
here & hoping that the  
good & loving Father  
of all may favour me  
and help me to finish  
my work quickly & well

---

13<sup>th</sup> Phuñgo = Furukom-  
be names of Kite which  
appears here to-day>

---

14<sup>th</sup> - News from Mfuta  
that 200 of the Watuta who  
were hired to fight for the  
Arabs were slain and the  
rest ran away - about  
sixty of Mirambo's force  
said to be killed = the  
Arabs are now to go out  
to fight so the end may be  
near - they expect that

[0005]

Mirambo will flee - It  
is a very general revolt  
which Mirambo only  
headed - as the ablest man  
among them - and he has  
proved himself to be so -

---

15<sup>th</sup> Reported today  
that 20 wounded men  
have been brought into  
Mfutu from the field of  
fighting - About 2000  
are said to be engaged on  
the Arab side and the  
side of Mirambo would  
seem to be strong - but  
the assailants have the  
disadvantage of firing  
against a stockade -  
while those outside are  
unprotected except  
by anthills bushes  
and ditches in the field -

[0006]

16 17<sup>th</sup> Went over to Sultan  
bin Ali yesterday - very  
kind as usual - gave me  
guavas and a melon  
called Matanga - It is reported  
that one of Mirambo's  
chief men Sorura set  
sharp sticks in concealed

spots which acted like  
Bruce's "craw taes" at  
Bannockburn and  
wounded several probably  
the 20 reported - this has  
induced the Arabs to send  
for a cannon they have to  
batter Mirambo at a  
distance - the gun is carried  
past us this morning  
a brass seven pounder  
dated 1679 carried by the  
Portuguese commander  
in chief to China - [Date calculation.]  
193 years ago &  
now to beat Mirambo

[0007]

by Arabs who have very  
little interest in the war -  
Some of his people out  
prowling two days ago  
killed a slave - the war is  
not so near an end as  
many hoped -

Strong cold winds pre-  
vail now from the East  
and the temperature varies  
more now than in the  
first dry months - Min  
is 55° - and temp - 57° at  
6 AM - Wet B - 55°  
3 PM DB Sun 112° - shade 68°  
Sun shews temp endured  
in travelling by day -

[0008]

18<sup>th</sup> S. 19<sup>th</sup> July 1872  
visited Salem bin Seff -  
entertained very hospitably  
Nkisiwa returned - war  
unfinished - ! Baganda  
have got Pagazi -

---

20<sup>th</sup> = High cold winds  
prevail 6 AM 57° Min. 55°  
Noon on the ground 122°

It may be higher but I am  
afraid to risk the thermometer  
which is graduated to 140°  
only -

---

”

[...] is most like God who  
is most generous and  
tender, least patient with  
himself, and most  
patient with others -  
He is not nearest God  
who goes most frequently  
to his closet, but he

[0009]

who generates most  
love

” - H. W. Beecher

---

21<sup>st</sup> Lewale returns  
today from K Mfutu  
on his own private  
business at Kwikuru  
success of the war is  
a minor consideration  
with all - I wish my  
men would come &  
let me off from this  
weary waiting -  
Some philosophizing is  
curious - It represents  
our maker forming  
the machine of the Uni-  
-verse, setting it agoing  
and able to do nothing  
more outside certain

[0010]

of his own laws - He  
as it were laid the egg of  
the whole and like an  
ostrich left it to be hatched  
by the sun - We can

control laws but he  
cannot - A fire set to  
this house would con-  
sume it but we can  
throw on water and  
consume the fire  
We control fire water  
the elements - Is He  
debarred from doing  
the same and more  
who has infinite wisdom  
and knowledge - He  
surely is greater than  
His own laws - civili-  
zation is only what has been  
done with natural laws

[0011]

21<sup>st</sup> July 1872 continued  
Some foolish specu-  
-lations in morals  
resemble the idea of a  
Muganda who said  
last night that "if  
Mteza did not kill  
people now & then  
his subjects would  
suppose that he was  
dead"! Bartooma?  
Ngovya Katanda M<sup>t</sup>  
Kibanga Unyoro Mountains  
Motitiri  
Gabalagala  
Unyora Mt

[0012]

22<sup>nd</sup> July 1872 -  
The plan other than an  
Expedition referred to  
by Government may  
have been a private  
offer of a person al-  
-ready out to take a  
few Arabs at Zanzibar -  
- go inland - solve the  
Nile problem by  
looking at the end of Tañgan-  
-yika - then call me  
out of Manyema

where I was reported  
to be in idleness as  
one of the Arabs and  
dreaming of a Lake  
West of it - Possibly

[0013]

the non asking by  
the Council about the  
"other plan" may have  
screened him who  
desired to supersede  
me - X

---

What is the atonement  
of Christ - It is Himself -  
It is the inherent and  
everlasting mercy of  
God made apparent  
to human eyes and  
ears - the everlasting  
love was disclosed by  
our Lord's life & death  
It shewed that God  
forgives because he  
loves to forgive -  
He works by smiles  
if possible - if not by  
frowns - Pain is only  
a means of enforcing love

[0014]  
23<sup>d</sup> July 1872

---

”

Spite and illnature  
are the most expensive  
luxuries of in life

” Brunel -

---

The Lewale interdicts  
the Baganda from  
going today - He says

"You may, go but leave  
all the gunpowder here  
because Mirambo  
will follow you and  
take it all to fight  
with us" - This is an  
afterthought for he  
hurried them to go off -  
A few will go and  
take the news and  
some goods to Mteza  
and probably a lot of  
Lewale good to ✓

[0015]

trade at Karagwe.  
The Baganda are  
angry for now all  
their cattle and much  
of their property are  
expended here but  
they say "we are strangers  
and what can we  
do but submit" the  
Banyamwezi carriers  
would all have ran  
away on the least  
appearance of danger  
No troops are sent  
by Sayed Burghash  
though they were  
confidently reported  
long ago - all ✓  
trade at a standstill

[0016]

24<sup>th</sup> July 1872 - Uny\_be

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Visited Lewale at Kwi-  
-kuru - He says that  
all the fighting men  
have quietly slipped  
away from the war  
and he was left alone -  
hunger is the excuse!  
- Put a blister on Nkas-  
iwa's neck to see if it

will relieve pain of a  
paralytic neck & left side

Lewale confirms the  
great damage done by  
a cyclone at Zanzibar  
to shipping - houses -  
cocoa nut palms -  
mango trees & clove trees -  
Also houses and dhows  
five days after S  
Burghash returned

[0017]

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Safen volunteers  
to go with us because  
Muhamad Bogharib  
never gave him  
anything - and Bwana  
Mohinna has asked  
him to go with him  
I accepted his  
offer and will ex-  
plain to Muhamad  
when I see him that  
this is what he pro-  
-mised me in the  
way of giving men  
but never performed

[0018]

25<sup>th</sup> July 1872 - S. -

---

26<sup>th</sup> 7<sup>th</sup> Bin Nasib came  
last night and visited me  
before going home to his  
own house = A tall brown  
polite Arab - says that  
he lately recieved a  
packet for Mr Stanley  
from the American  
Consul sealed in tin  
and sent it back - this  
is the eleventh that came  
to Stanley



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A party of native  
traders who went with  
the Baganda were attacked  
by Mirambo's people  
and driven back with  
the loss of all their  
goods & one killed  
the fugitives returned  
this morning, sorely  
down cast

[0019]

A party of 23  
loads left for Kargwe  
a few days ago and  
the leader alone has  
returned - does not  
know more than that  
one was killed -

Another was slain  
on this side of  
Mfutu by Mirambos  
people yesterday  
Country thus still  
in a sadly disorganized  
state - Sheikh bin  
Nasib says that  
the Arabs have  
rooted out 52 head  
men who were Mirambo's  
allies

[0020]  
28<sup>th</sup> July 1872

---

To Nkasiwa - blister to  
sacrum & to be left for a  
time - First relieved  
the pain & pleased him  
greatly - Hope he may  
derive benefit -  
cold East wind & clouded  
thickly all over sky -

---

29<sup>th</sup> making flour

for the journey of Rice -  
visited Sheikh bin  
Nasib who has a severe  
attack of fever - cannot  
avoid going to the war  
because all Arabs would  
leave if he did -  
Sheikh but bought a  
donkey with the tusk  
he stole from Lewale  
and it died yesterday -  
Now Lewale says -  
"give me back my tusk"  
& Arab replies "give

[0021]

"back my donkey."  
The father must pay -  
but his son's character  
is lost as well as the  
donkey - Bin Nasib  
gave me a present  
of wheaten bread and  
cakes -

---

30<sup>th</sup> Weary Weary  
waiting this, and  
the best time for  
travelling passes over  
unused - High winds  
from the East every  
day bring cold, and  
to the thickly clad Arabs  
Fever

Bin Omari called -  
goes to Katañga with  
another man's goods  
to trade there -

[0022]

31<sup>st</sup> July 1872 We  
heard yesterday from  
S - bin Nasib that the  
caravan of his brother  
Kisessa was at a  
spot in Ugogo twelve  
days from this - My  
party had gone by

another route - thank-  
-ful for even this in  
my wearisome waiting

---

1<sup>st</sup> August 1872

A large body of Ba-  
-ganda came to see what  
was stopping the way  
to Mteza - about 10 head  
men and their followers  
but they were told by an  
Arab in Usui that the  
war with Mirambo

[0023]

was finished = about  
30 of them came on to  
Mfuta and will come  
here tomorrow - to be  
dispatched back for all  
the Baganda in Usui  
to aid in fighting Miram-  
-bo - It is proposed to  
take a stockade near  
the central one & therein  
build a battery for the  
cannon which seems  
a wise measure -

Went over to apply  
medicine to Nkasiwa's  
neck - to heal the outside  
the inside is benefitted  
somewhat - but the  
power will probably  
remain incomplete  
as it now is -

[0024]

2<sup>nd</sup> August 1872

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The Baganda came  
yesterday - a poor slave  
looking people clad in  
bark cloth "Ubugu" &  
having shields with

a boss in the centre - round  
and about the size of the  
ancient Highland targe  
but made of reeds  
the Baganda here said  
that most of the new  
comers were slaves  
& would be sold - for  
cloths - Extolling the size  
of Mteza's country they  
asserted that it would  
take a year to go across  
it - When I joked them  
they explained that a  
year with them meant  
5 months - 3 of rain -  
2 dry and rain again

[0025]

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3<sup>d</sup> New last night

4<sup>th</sup> Wearisome waiting  
and the sun is now  
very hot at midday  
and will become hotter  
right on to the rainy  
season in November,  
but this delay may be  
all for the best =

---

5<sup>th</sup> visited Nkasiwa  
& recommended  
shampooing the dis-  
-abled limbs with oil  
or flour - says that  
the pain is removed -  
More Baganda  
have come to Kirira -  
and will be used for  
the Mirambo war.  
They are a poor slave  
looking lot clad in  
bark cloth well prepared

[0026]

6<sup>th</sup> I can think of  
nothing but "when will  
these men come"? sixty  
days was the period  
named - Now it is  
eighty four - It may be  
all for the best in the  
good Providence of the  
Most High -

---

7<sup>th</sup> - 8<sup>th</sup> S. High East winds

---

9<sup>th</sup> [Calculations.]  
9<sup>th</sup> [Calculations.]  
I do most devoutly  
thank the Lord for  
his goodness in  
bringing my men

[0027]

near to this = Three  
came today 9<sup>th</sup> Aug -  
and how thankful -  
I am, I cannot  
express - Oswell  
turned too and  
embarked in the  
same ship with the  
naval officers -  
It is well - the men  
who went with M<sup>r</sup>  
Stanley came again  
to me "Bless the  
the Lord O my  
Soul and all that  
is within me bless  
his holy name Amen

[0028]

10<sup>th</sup> August 1872 -  
sent back the three men  
who came from the Safari  
with 4 dotis & 3 lbs of  
powder - called on  
the Lewale to give the

news as a bit of polite-  
ness - found that the  
old chief Nkasiwa  
had been bumped by  
an ox and a bruise  
on the ribs may be  
serious at his age -  
this is another delay  
from the war as he was  
to go again to it - It is  
only half heartedly  
that anyone goes -  
Oswell is said to have  
been scared by the

[0029]

accounts given by  
Stanley of war  
and many dangers  
It is best for being  
quite inexperienced  
and alone it might  
have gone hard with  
him - So I am  
thankful trusting  
that it will all be  
for the best - To  
do all alone will  
give me an influence  
and name which I  
pray may be turned  
for good in the  
abolition of this  
nasty slave trade

[0030]

15<sup>th</sup> August 1872

---

The men came on the  
11<sup>th</sup> having been 74  
days from Bagamoio  
Most truly thankful  
to the giver of all good  
I am - I have to give  
them a rest of a few  
days - and then start

[0031]

16<sup>th</sup> KiTikisha =  
earthquake about  
7 - PM - shook me  
in my Kitanda  
with quick vibrations  
and they gradually  
became fainter  
It lasted some 50 seconds  
and was observed  
by many -

[0032]

- 1 Hatibo N° 4 tin
- 2 Farahame Tool box
- 3 Shabane Amm<sup>n</sup> box x
- 4 Mabruki D° box x
- 5 Radiabo - Tin unopened
- 6 Shomari = cloth bale
- 7 Moariko - 1 bale cloth
- 8 Tom beads Amm<sup>n</sup> box x
- 9 Maganga = Brass wire
- 10 Moarim D°
- 11 Boheti wooden box & coffee
- 12 Musa = Brass wire
- 13 Ghamsin - S Line
- 14 Salaming Tin N 2
- 15 Twakari Am. box x
- 16 Moinye butter

[0033]

- 17 Ghamees - Tea
- 18 Suedi Brass wire
- 19 Bon Ali - long box
- 20 Taofuki Kettle & Tar
- 21 Chaoperi = clothes box
- 22 Baraka - Brass wire
- 23 Lesasse - candles &c
- 24 Namuri - Am box x
- 25 Syde = flour tin
- 26 Ghamees = my box
- 27 Bilale = = Am- box o
- 28 Hamade = Brass wire
- 29 Juma cham- & tea
- 30 Sonjero - bale small
- 31 Feruz - wood box Am x
- 32 Radjab bale
- 33 Sangoro 2<sup>d</sup> bale

[0034]

34 Damungu bale  
 35 Hassani bale  
 36 Magaoa bale  
 37 Matheu bale  
 38 Upangawazi bale  
 39 Ramadan bale  
 40 - Keresh = bale  
 41 Hassani bale S.  
 42 - Adiade - bale  
 43 Kef Halek Am- box x  
 44 Chanda Beads  
 45 Mabruki of U. Beads  
 46 Gardner - Beads  
 47 Kendette Beads  
 48 Ghamees wasale - flour  
 49 Tofiki Tar & kettle  
 50 Bon Ali - long tin box  
~~30 wanted -~~  
 51 Ghamees Sarboko box Bead & flints  
 52 Muftaa - Tindi Beads 1 doti  
 53 Nyasperi - gun Beads Tu u

[0035]

coley = Bubu  
 Masanga = cart - long box  
 Kalasha = Sungomazi  
 get 10 dotis bound up  
 Musa bin Hema - Matunde  
~~Kipanila~~ = boat  
~~Makoto~~ D° & oars  
~~Maganga~~ = Tar Tent  
 Nañkoñgo = bed  
~~Mkizi = 4 dotis Am box & 2 sam~~  
~~Nasibu 4 dotis = boat~~  
 At Gunda engaged & fled  
~~Nubi 4 dotis = copper~~  
 2 Deserters  
 Bakari 4 dotis = boat  
 Bakari take 1½ doti = remain ½ doti

---

Amm boxes 8 = 1 Sungas

---

Sadalla P. 3½ dotis  
 takes the copper

[0036]

Of Athman D° 3 ½  
 & Kitandi = dort 1 - ½



---

Boheti = 1 doti sick 2½  
Maganga = 1 doti ½ & fundi  
Hassani = 1 doti ½ & fundi  
Mabruki = lazy & sheepa  
Kolongo = Taghetse  
has a white patch  
below orbital sinus  
about 4 inches long and  
1½ broad

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We left Kwihara on  
25<sup>th</sup> August 1872 - lost  
2 days by thieves - at  
Manyai's on 6<sup>th</sup> Sept<sup>r</sup>  
to rest - as it is hot &  
many take fever -  
of August 6 days  
of Sept 6 -

[0037]

Distance 54' + or  
27 hours

---

Mabruki utterly useless  
has sheepa & laziness

[0038]

A

11<sup>th</sup> Sept<sup>r</sup>

[Dated map tracking route followed, and ending at Mwara's and recording distances between villages on the way, including Kasira B. Penta Chikulu and Manyara's.]

[0039]

B

[Map tracking route across Kamnambo water with note "sixty hours to Mrera's" and some calculations of distances.] [Map with dotted line representing trail to Kamnambo passing through Misongha Simba Merera's and crossing Metambo R.]

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[Map with dotted line tracking route through Dumbulu and Mpokwa.]

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[Map with dotted line and distance calculations.]

[0040]

1<sup>st</sup> September 1872

---

arrived at Chikulu &  
bought provisions for  
ten days as water is  
scarce & but little food  
can be obtained at the  
villages - country is  
very dry & wintry looking  
but flowers shoot out  
First clouds all over  
today - It is hot now

---

2<sup>nd</sup> Sept<sup>r</sup> people are  
preparing their ten days  
food = Two pagazi  
ran away with 24  
dotis of man's calico -  
send after them but  
with small hope of  
capture

---

3<sup>d</sup> = unsuccessful search

---

4<sup>th</sup> Leave Chikulus  
and pass a large puff

[0041]

adder in way = a simple  
blow on head killed it  
so that it did not stir -  
About 3 feet long and  
as thick as a man's  
arm = a short tail &  
flat broad head - then  
said this is a very  
good sign for our  
journey = though it would  
have been a bad sign  
& suffering & death  
had one trodden on it  
came to Ziwane large  
tree & waters SSW. 4 ¼

---

5<sup>th</sup> a long hot tramp to

Manyara's a kind  
old man = many tired  
and sick SSW 5¾

---

6<sup>th</sup> Rest people  
7<sup>th</sup> Several ill of Fever

[0042]  
8<sup>th</sup> September 1872  
March to Ngombe  
Nullah S.W 4  
A poor woman of  
Ujiji followed a man  
of Stanley to coast - He  
cast her off ^ here & she was  
taken by another but  
her temper seems too  
excitable = set fire to her  
hut by accident & in  
the excitement quarrelled  
all round = she is a  
somebody's bairn never  
the-less = a tall strapping  
young woman = must once  
have been the pride of her  
parents.

---

9<sup>th</sup> Telekeza at broad point  
of Nullah = then went  
on 2 hours & passed night  
in forest 3  
10<sup>th</sup> Came on to Mwara 3¼  
& spent night there by 6¼  
a pool = vil 2 miles off

---

11<sup>th</sup> 8½ & Telekeza

[0043]

Sun very hot & marching  
fatiguing to all -  
Madjuana has an insect  
in the aqueous chamber of  
his eye - It moves about  
and is painful =  
We found that our old  
path from Mwaro has

water and must go early  
tomorrow morning &  
so avoid the roundabout  
by Morefu - We shall thus  
save two days which in  
this hot weather is much for  
us -

We hear that Simba has  
gone to fight with Fipa  
Two Banyamwezi volun  
teers -

---

12<sup>th</sup> we went by this  
water till 2 PM then make  
a march & tomorrow get  
to villages = got a buffalo  
and remain over night  
Water in Haematite 4W

---

13<sup>th</sup> WSW 3½  
14 SW - Kamir amba 2½  
6

[0044]  
Motepatonze Pag 1 doti  
Nsakusi D° 1 doti  
Muan mzungu 1 doti  
Mayombo 1 doti 12 Sept  
paid at Mrera's 1 doti each  
Engaged the above  
Two ran on 18<sup>th</sup>  
pagazi on 12<sup>th</sup> at  
Brown Haematite water  
thence to ^ river & land of Kamirambo  
Water in pools in rivulet  
on 13<sup>th</sup> 3½ + 2½ on  
14<sup>th</sup> = 6

---

15<sup>th</sup> on to near 9  
range of hills 3½  
Much large game  
Ill with bowels -

---

16<sup>th</sup> climbed over range  
about 200 feet high - then on  
Westwards to stockaded

villages of Kamirambo  
his land begins at the  
Mtoni = buy corn 2

---

[0045]  
17<sup>th</sup> To Metambo R 1¼  
broad & marshy = begins  
land of Mrera - Through  
forest with many strychnine  
trees in it - W & by S = 3¼  
at Mrera's =

---

18<sup>th</sup> Remain at Mrera to  
prepare food —

---

19<sup>th</sup> D° - D° & because I  
am ill with bowels  
having eaten nothing  
for eight days - Simba  
wants us to pass by  
his village & not by  
the straight path

---

20<sup>th</sup> Went to Simbas  
about NW.3½  
Simba sent a  
handsome present of  
food - a goat eggs &  
a fowl - beans split-  
rice = dura = Sesame  
I gave him 3 dotis of  
superior cloths

[0046]  
21<sup>st</sup> Sept<sup>r</sup> 1872 Rest  
here as my bowels do  
not yield to medicines  
on time, but begin to  
eat now which is a  
favourable symptom

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22<sup>nd</sup> preparing food  
and one pretends ina-  
bility to walk - send for



flowers sprouting in  
expectation of rains  
Much land burned  
off but grass short yet

[0048]

28<sup>th</sup> September 1872  
At two hills with mushroom  
topped trees on W side = cross  
a good stream = 12 ft broad  
& knee deep = Buffaloes  
grazing = many sick 2½

While camping a large  
musk cat broke forth  
among us & was killed =  
yabade = musk = Ngawa  
black with white stripes  
From point of nose to  
tip of tail 4 ft  
height at withers 1 - 6 in

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[Partial drawing of musk cat continuing on the following page.]

[0049]

Musk cat

[Partial drawing of musk cat continuing from previous page.]

[0050]

29<sup>th</sup> Sept<sup>r</sup> 1872 Through  
much Bamboo & low hills  
to Mpokwa ruins & River  
The latter in a deep rent in  
alluvial soil very hot 2¾  
and many sick in  
consequence = Sambala  
fish abundant W

---

30<sup>th</sup> away among low tree  
covered hills of granite  
and sandstone = found  
that Bangala had assaulted  
the village to which we went  
a few days ago & all were  
fugitives W.S.W. 4  
Our people found  
plenty of batatas in the  
deserted gardens = a great  
help for all were hungry

---

F 1<sup>st</sup> October 1872 Friday  
on through much deserted  
cultivation in rich damp  
soil - surrounded with  
low tree covered ranges  
saw a few people, but  
all are in terror

[0051]

W & by N. 2½

---

2<sup>nd</sup> obtained Mtama in  
abundance for brass wire  
and remain to grind it  
people had been without  
any for some days &  
now rejoice in plenty  
A slight shower fell  
at 5 AM not enough  
to lay dust -

---

3<sup>d</sup> South & down a steep  
descent into a rich valley  
with much green maize  
in ear - people friendly  
but it was but one hour  
so we went on through  
hilly country about SW-  
men firing off ammuni-  
tion had to be punished  
crossed Katuma R in  
bottom of valley 12 ft &  
knee deep - camp 2½  
in Forest

Farjella shot a fine  
buffalo - weather dis-  
agreeably hot & sultry -

[0052]

4<sup>th</sup> October 1872 over  
the same hilly country = grass  
burned off but stalks disa-  
-greable = came to a fine  
valley with a large herd



of zebras feeding quietly  
Pretty animals - Went  
only an hour & a half  
as one sick man is  
carried and it is hot  
& trying for all - I feel it  
much internally & am  
glad to move slowly  
W and by S.  $1\frac{1}{2}$

---

5<sup>th</sup> Oct<sup>r</sup> Up & down  
mountains very sore on  
legs & lungs - trying to save  
donkeys strength I climbed  
and descend & as soon as  
I mounted off he set as  
hard as he could run on a  
slope & he felt not the bridle -  
saddle was loose but I stuck  
on till we reached water in  
a bamboo hollow, about  
WS.W with spring 3

[0053]

---

6<sup>th</sup> along bamboo valley  
with giraffe in it - Range  
on our right left us &  
that on the right dwindled  
away = all covered with  
bamboos in tufts like other  
grasses - Elephants eat  
them course about W & by S  $2\frac{3}{4}$   
Short marches on account  
of carrying one sick man

---

7<sup>th</sup> over fine park like  
country with large belts of  
Bamboo & fine broad  
shady trees W to end  
of left hand range &  
after  $1\frac{1}{4}$  Telekeza +  $2\frac{3}{4}$  =  
4 over a level forest  
with much Haematite

trees large & open - large  
game evidently abundant  
and waters generally  
are not far apart - our  
neighbour got a zebra  
a Rhinoceros & two young  
elephants WSW 4

[0054]

8<sup>th</sup> October 1872 = came  
on early as sun is hot  
& in 2 hours saw the  
Tanganyika from a  
gentle hill = land rough  
with angular fragments  
of quartz = Rocks of  
mica schist tilted up  
as if away from Lakes  
longer axis = some upright  
and some have basalt  
melted into the layers &  
crystallized in irregular  
polygons = all very tired  
and on coming to a stockade  
refused admittance because  
Malongwana had attacked  
them lately & we might  
seize them when in the  
stronghold = very true so  
we sit outside in the  
shade of a single Palm  
Borassus S.W 4

---

9<sup>th</sup> Rest because all  
are tired & several

[0055]

sick = this heat makes  
me useless & constrains  
me to lie like a log.  
Inwards feel tired too  
Jangeaŋge leaves us  
tomorrow having found  
canoes going to Ujiji

---

S 10<sup>th</sup> People very tired  
and it being moreover  
Sunday we rest -

gave each a keta of beads  
Leave Usowa = chief Ponda

---

11<sup>th</sup> Reach Kalema  
district after 2¾ hours  
Over black mud all  
deeply cracked & many  
deep torrents now dry  
Kalema is a stockade  
SW - We see 2¾  
Tanganyanyika  
but a range of low  
hills intervenes - a  
rumour of war to-  
morrow

[0056]  
12<sup>th</sup> We wait till 2 PM  
and then make a forced  
march towards Fipa  
People cultivate but little  
from fear of enemies so  
we can buy few provisions  
Left broad valley with  
a sand river in it where  
we have been two days  
and climbed range of hills  
parallel to Tanganyika  
Mica schist & gneiss  
tilted away from Lake  
met a buffalo on top of one  
ridge was shot into & lay  
down but we lost it -  
course SW to drink of  
Tanganyika water 2½

---

13<sup>th</sup> Our course went  
along the top of a range of  
hills lying parallel with  
the Lake - a great part of  
yesterday was on the same  
range = it is a thousand  
feet above the water & covered  
with trees rather scraggy

[0057]  
at sunset the red glare  
on the surface made

the water look like a sea  
of reddish gold = It seemed  
so near many went off  
to draw but were three  
or four hours in doing so  
Cannot see other side on  
account of the smokes in  
the air but this morning  
three capes jut out and  
the last bearing SE from  
our camp seems to go  
near the other side [Map of surrounding countryside with Fipa and Kalema marked.]  
very hot weather = to  
Town of Fipa tomorrow  
Course about S =  $3\frac{1}{4}$

[0058]

The first parallel ranges  
observed had fine grained  
sandstone schists = then  
followed mica schists  
and lastly micaceous  
gneiss with prominent  
crystals of feldspar and  
talc scattered over it = all  
tilted up nearly on edge  
and cropping out with  
strikes nearby  
or the same as the  
major axis of the rent  
which originally formed  
the Lake - detached masses  
of porphyry appear  
between the gneissic  
strata and as we come  
near the water these  
give way to white  
quartz rocks

[0059]

---

13<sup>th</sup> Oct<sup>r</sup> 1872 Near a  
chief village of Fipa &  
on bank of Tanganyika  
or say 30 feet above water  
3 PM clear sky - wind  
gentle =  $93^{\circ}$  in shade  
1 = 27-02

2 = 27.22 8 93  
327.86

---

14<sup>th</sup> crossed two deep  
gullies with sluggish  
water in them & one  
surrounding an old  
stockade - Camp on  
a knoll overlooking  
modern stockade &  
Tanganyika very  
pleasantly = saw two  
beautiful sultanas w  
azure blue necks  
S - might have come  
yesterday but tired 1¼

[0060]  
Mukombe land chief  
Kariaria = vil Mokaria  
M<sup>t</sup> Mpambwe goes into  
the Lake = Ntambwe Mt &  
Kafumfwe =  
Kapufi chief of Fipa

---

14<sup>th</sup> Noon & about 50 ft  
above Lake clouded over  
[2 tables each consisting of 3 temperature readings at Noon and 3 PM respectively.]

---

15<sup>th</sup> Rest & kill an ox -  
the dry heat is distressing &  
all feel it sorely - I am right  
glad of the rest but keep on  
as constantly as I can -  
By giving dura & maize to  
the donkeys & riding on  
alternate days they hold on  
but I feel the sun more  
than if walking - chief  
Kariaria civil

[0061]  
C  
[Map including KaPamaze, Cape Mozinga, Thenibwe, Ukombwe vil, Mpara, Nsambo,  
Mopinbaje, Mt Mpambwe, islet Nkoma, Kilando land, Kafumfwe, Ntamba Mt]

[0062]

15<sup>th</sup> Oct<sup>r</sup> 1872 At vil

Mokaria [Calculations.]

---

---

16<sup>th</sup> leave Mokaria &  
go South crossing several  
bays of the Tanganyika  
path winding =  $3\frac{1}{4}$   
people fired camp as  
soon as we started

---

Tanganyika

[Astronomical calculations that continue onto next page.]

[0063]

[Astronomical calculations that continue from previous page.]

17<sup>th</sup> Oct<sup>r</sup> 1872

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---

Leave a bay of Tanganyika  
& go on to Mpimbwe  
M<sup>t</sup> - Two lions growled  
savagely as we passed  
game swarming but  
my men cannot shoot  
except to make a noise  
Went  $2\frac{1}{2}$  & telekeza at 2 PM  
found many Lepidosirens  
in a muddy pool &  
vultures catching &  
eating them - men speared  
one which had scales  
and its tail bitten off  
by a cannibal brother  
Mouth large and entire  
length about 2 feet -  
curious Roe like portions  
near its backbone -  
yellow - good flesh  
on & up a pass at East  
end of Mpimbwe Mt &  
at a rounded mass of  
it find water =  $1\frac{1}{2}$ .  
about S. in all 4

[0064]

18<sup>th</sup> October 1872 Went on  
about South among M<sup>ts</sup>  
all dry till we came down  
by a little Westing to Lake  
again at large villages well  
stockaded with a deep gully  
half round them = ill  
with bowels = again 3½  
Bubwe chief  
food dear because  
Simba made a raid  
here lately - country Kilando

---

19<sup>th</sup> Remain to prepare  
food & rest the people in  
country Kilando =  
Nkoma islet here  
Nkolenge islet in front  
[Astronomical calculations that continue onto next page.]

[0065]

[Astronomical calculations that continue from previous page.]

---

---

20<sup>th</sup> We got a Waterbuck  
and a large buffalo and  
remain during the  
forenoon to cut up the  
meat then go on about  
2 PM - Went on and  
passed a large arm of  
Tanganyika having a  
bar of hills on its outer  
border - country swarm  
ing with large game  
passed two bomas &  
spent night near one  
E & then S - 2¼

[0066]

21<sup>st</sup> Mokassa a Muganda  
boy has a swelling of the  
ankle which prevents his  
walking - went 1 hour to  
wood to make a litter  
for him - Bomas all

plastered with mud  
so as to intercept balls  
or arrows = trees all cut  
down for these stockades  
deep gullies cut the flats  
up - much cultivation  
Siwampepo Mt<sup>s</sup>  
Sabia Mt  
Much cotton cultivated & cloth made  
Kafungia arm of Ta  
Sent a doti to headman  
of village where we make the  
litter to ask a guide to go  
straight South instead of  
going East to Fipa which  
is four days off & out of  
our course  
Tipo tipo said to be at  
Moriro W of Tanganyika

[0067]

---

22<sup>nd</sup> turned back Westwards  
& went through hills down to large  
islets in Lake - stop at villages  
destroyed by Simba = SW - 2½  
Much cotton cultivated  
Noon 30 ft above Lake  
brisk breeze clear sky  
[Table consisting of 3 temperature readings.]  
D

[Map including Kafungia, Sabia Mt, Siwampepo, Kisiba pt, Pillen islet, Nkolenge ist, Karekisambala, Banda.]

[0068]

23<sup>d</sup> S. first East then  
past two deep bays at one  
we put up as they have  
food to sell = walls of the  
Boma plastered with  
clay - Lake sides are a  
succession of rounded  
bays from shapes of the  
valleys of the hills - In  
Nyassa they seem made  
by the prevailing winds  
only one hour & chiefly about



South & by East  $1\frac{1}{2}$   
Rain probably fell  
last night of opposite  
shore is visible today  
Banda high slopes down  
as it goes South  
Country here Motoshi

---

[Table consisting of 3 temperature readings with note "3 - 30 PM" beside the figure.]  
[Drawing of 2 trees with traps suspended.]  
very many falling traps  
pass Buffaloes wherever  
they are to be caught by  
going down for water

[0069]

E

[Map including Banda, Motoshi, Linde, Mesamba, Mt Kasela, Chisumbe, Molilo islet, MpembeUrungu, Kapesa, Fipa, Mpunda, Kangere's, Mosunwe harbour, Weeneleo, Kirila islet, R Thembwa.]

[0070]

24<sup>th</sup> Oct<sup>r</sup> 1872 many rounded  
bays in mountainous Fipa  
rested two hours in a  
deep shady dell & then  
came along a very  
slippery rocky mountain  
side to village in stockade  
very hot & first thunder in  
the East - about SW E in  
afternoon - forenoon SE W  
altogether = Linde vil 5

---

25 Coast ran SSE to a  
cape = we went up SE then  
over a high steep hill to  
turn to S again = then  
down into a valley at T<sup>a</sup>  
over another stoney ride &  
down to a dell with village  
in it - West coast very  
plain = rain must have  
fallen there =  $4\frac{3}{4}$   
Mesamba vil.  
Noon high North wind  
clouded sky = thick cumuli  
Level & Lake

[0071]

[Table consisting of 3 temperature readings on each side of page.]

~~Kitanda~~ ^ islet & land tomorrow  
Level of Lake Chisumbe say

---

26<sup>th</sup> Oct<sup>r</sup> 1872 Over hills  
& mountains again past  
two deep bays and on to  
a large bay with a prominent  
islet on South side of it  
called Chisumbe Kitanda from  
chiefs name also a rivulet  
of fine water of same name  
Three villages with food  
about SSE - 4

---

27<sup>th</sup> Remain to buy  
food which is very dear  
slaughtered a tired cow  
to buy grain  
1<sup>st</sup> Passed Mer Gruis  
100° 37 30  
2<sup>nd</sup> of passing Mer  
100' 41 10 at 25 past 8  
at Kitanda islet

[0072]

[Calculation crossed out.]

---

28<sup>th</sup> Oct<sup>r</sup> 1872  
at vil of Mpembe land  
Mosirwa chief = Kasamane  
Barile - Bulungu in  
Kasango D°  
Mbette D°  
Left ~~Molile~~ Kitanda islet and  
came round cape going  
South farthest off cape  
was N.N.W in bearing  
came to three villages &  
some large spreading trees  
where we were invited by  
headman to remain as  
next stage along shore is

long  $2\frac{1}{4}$

Morilo islet is on the  
other or Western side  
at the crossing place

[0073]

[Calculation concluding with "Lat. about 1' N of islet ~~Molilo~~ Kitanda".]

---

The people brought in a  
Leopard in great triumph  
The mouth & all its  
claws bound with grass  
and bands of bark as  
if to make it quite safe  
and its tail curled round -  
- drumming & lullilooing  
in plenty  
15 Oct.

[Astronomical note.]

[Calculations of distances travelled on 19<sup>th</sup>.]

---

[Calculations of distances travelled on 20<sup>th</sup> and 26<sup>th</sup>.]

[0074]

28<sup>th</sup> Oct<sup>r</sup> 1872 the chief  
Mosirwa or Kasamane  
paid us a visit & is  
preparing a present of  
food - one of his men  
was bitten by the Leopard  
on the arm before he  
killed it - Molilo or  
Morilo islet is the crossing  
place of Banyamwezi  
for Cazembe & is near to  
the Lofuko R on Western shore - Lake  
about  $\hat{=}$  12 or 15' broad = at  
7° 52' South = Tipo tipo  
is ruling in Itawa and  
bound a chief in chains  
but loosed him on being  
requested to do so by Syde bin  
Ali  
Time to cross at Morilo ? 3 hours  
Lofuko R. where ? or so  
R Luangwa a little N of Morilo  
Hot fountain ? a little S of this

[0075]

at level of Lake 3 PM [Table consisting of 3 temperature readings.]

---

29 cross Themmbwa Rt  
20 ft & knee deep & sleep  
on its E bank = fine cold  
water over stoney bottom  
The mountains now close  
in upon Tanganyika  
so that there is no path  
but one over which  
luggage cannot be carried  
The stage after this is  
6 hours up hills before  
we come to water - this  
forced me to stop  
after only a short  
crooked march of  $2\frac{1}{4}$   
We are now on the  
confines of Fipa  
next march takes  
us into Burungu

[0076]

30<sup>th</sup> Oct<sup>r</sup> 1872

Level of Lake 5 30 AM  
 $27^{\circ}-0 = 75^{\circ}$  base of Tala  
 $26.3 = 81^{\circ}$  Pass in Mt  
at 6.30 AM = Tala Mt  
Pass in M<sup>t</sup> Kasonko  
 $26.45 = 82^{\circ} = 9$  AM  
At level of Lake  
 $27.10 = 86^{\circ}$  at 10 AM  
The highest parts of  
the mountains from  
500 to 700 feet higher  
than the passes or  
say from 1300 to 1500 ft  
above the Lake =  
very rough march - one  
cow fell & was disabled  
Stones all collected in  
little heaps & rows shewing  
former cultivation of  
all these rough M<sup>ts</sup> =  
arrive at vil at Lake  
at Kirila islet  $2\frac{1}{4}$   
 $\frac{1}{4}$  mile from shore

[0077]

top of a hill?  
Winelao M<sup>t</sup> on South  
side of bay - Kala on N side  
Kisinga land here on 30<sup>th</sup>  
Megunda people cultivate  
the hills in former times  
    Thunder all morning  
and a few drops of  
rain fell - men call  
out earnestly for it  
"come come with Hail"  
and prepare their  
huts for it - when it  
does fall it will ease  
their feet

---

At level of Lake on 30<sup>th</sup>  
[Table consisting of 3 temperature readings.] At 3 PM  
clouded all  
over & thundering

---

31<sup>st</sup> Through a long pass  
after we had climbed over  
Winelao talus - came to  
an islet 1½ miles long - called islet Kapessa  
Then into long pass

[0078]

31<sup>st</sup> Oct 1872 population  
of Megunda must have  
been prodigious for all  
the rough mountains  
have had the stones arranged  
and every available inch of  
soil cultivated = going South  
we came to a very large  
arm of Lake with vil at  
end in stockade 7' or 8' miles  
long & about 2' broad  
course chiefly S - 3½  
population said to have  
been all swept away by  
the Matuta =

    Killed a cow & found  
peculiar flatworms in  
the substance of the liver  
also some rounded too

---

M 1<sup>st</sup> November 1872  
We hear that an eruption  
of Babemba on the Ba  
-ulungu destroyed all the  
food - tried to buy here  
but it is all hidden  
in the mountains

[0079]

so we have to wait  
today till it is brought  
If in time we shall  
make an afternoon's  
march = Rainy =  
R Mueu from Chingolao  
gave us much trouble in  
crossing from its being  
filled with vegetation - It  
goes into Tanganyika  
course S & East 2  
Afternoons march

---

2<sup>nd</sup> Nov<sup>r</sup> decieved by a  
guide who probably  
feared his countrymen  
in front - went round a  
stoney cape then to a  
land locked harbour  
3' long by 2' broad F  
[Map including R Moeu, Mosunwe, Morua land.]

[0080]  
2<sup>nd</sup> Nov<sup>r</sup> 1872 Went over  
hills till we came to a stockade  
in a land locked harbour  
guide then absconded and  
being told that by marching  
still over hills we should not  
get water for four hours  
we rested after S. [Calculation of distance travelled in afternoon march.]  
Mosunwe bay  
Morua land  
Afternoons march  
Sompo a fish = Lepidosiren  
Mkongolo outside hill of  
Mosunwe bay

---

3<sup>d</sup> Nov<sup>r</sup> Morning's march  
to a village where food was  
reported = had to punish  
two useless men for calling  
out Posho posho posho  
rations &c as soon as  
I came near - one a con-  
firmed banga smoker  
The blows were given slightly  
but I promised the next to  
be severe - S - 1½  
People of Liemba village  
having a cow or

[0081]

two & some sheep &  
goats eagerly advised us  
to go on to next village  
as being just behind a  
hill & well provisioned  
Four very rough hills  
were the penalty of our  
credulity in four ~~& a half~~  
hours of incessant toil  
In these mountain  
fastnesses they hide their  
food and the ways are  
the most difficult that  
can be found in order  
to wear out their enemies  
We went about S - & saw  
Tanganyika near twice  
morning march 1½ + 4½ = 5 6½  
to R Luazi

---

4<sup>th</sup> Nov<sup>r</sup> very tired all =  
try to get food - very dear  
& difficult to bargain for -  
goods are probably brought  
from Fipa = It is probable  
we cannot start today  
& all are so tired it will be  
beneficial

[0082]

4<sup>th</sup> Nov<sup>r</sup> 1872 [Calculation based on Pegasi readings.]

Gruis  
[Calculation resulting in Lat 8 17. S.]  
R Luazi near confluence  
with Ubita R & about  
2' E of Lake

[Map of area including Kalambo R .]

[0083]

G

[Map including Kawa R, Mbita R, Luazi, Emba harbour, Mosunwe harbour. There is also a table of temperature readings at 9 AM and the comment "clear sky calm"]

[0084]

5<sup>th</sup> November 1872 Went  
up a high mountain and  
found that a cow could  
not climb = sent back &  
slaughtered it waiting on the  
top of the mount while the  
people went down for water  
Mabruki Speke useless &  
false in depriving beasts  
of water & lying to hide it  
to top of Mount 1 + in  
afternoon over M<sup>ts</sup> 2½ = 3½  
See Mbettes

---

6<sup>th</sup> Pass a deep narrow  
bay & climb a very steep  
mountain - too much for  
the best donkey - with rests =  
4 hours = Look down on  
many bays = a sleepy  
glare lies on the lake  
Came along a ledge of rocks  
& looked down 500 or 600 ft  
sheer into dark green waters  
saw 3 zebras & a young  
python = fine flowers  
South chiefly - 3  
Afternoon over another  
hill & down into a large  
bay with vil - 2 + = 5

[0085]

15 yds & thigh deep  
At Rt ^Kawa in Kasanga



---

7<sup>th</sup> S. Remain but the  
headman forbade his  
people to sell us food -  
We keep quiet except to  
invite him to a parley  
which he refuses and  
makes loud lullilooing  
in defiance as if we  
were inclined to fighting  
but seeing that we took  
no notice headman sent  
a present & I returned thrice  
its value

---

8<sup>th</sup> Large donkey very  
ill & unable to climb the  
high mountain in our  
front - left men to coax  
him on & they did it well  
then sent men to find a  
path out from the Lake  
mountains for they  
will kill us all & others  
to buy food but Lake  
folks are poor save in  
fish = climbing M<sup>tn</sup> was  
an hour East 1

[0086]

9<sup>th</sup> November 1872  
Got very little food & killed  
a calf to fill mouths a little -  
paths East seemed to get out  
of mountains of Tanganyika  
Went on East this morning  
on highland open forest  
then descend by a long slope to  
a valley with water = many  
mileza gardens but people  
keep out of sight E 3  
then send to search for  
a village to which we  
will go by afternoons  
march - Donkey began  
to eat to my great joy -  
Highlands are of purple  
colour from new leaves

coming out - ill & bleeding  
freely - men too late  
for our march - got  
nothing

---

10<sup>th</sup> Out of Lake mountains  
and along high ridges of hard  
sandstone & dolomite  
High range flanking Lake  
on our right = 3½  
came to R<sup>t</sup> & our  
guide volunteered

[0087]

to take men on to buy food  
an acceptable offer  
Donkey recovering = It  
was distinctly the effects  
of Tsetse bite = swelling  
over the eyes and all  
the mouth & nostrils swelled  
Another died at Kwihara  
with all the symptoms  
of Tsetse poison fully  
developed - got a small  
amount of food -

---

11<sup>th</sup> Over gently undulating  
country with many old  
gardens & watchhouses  
some of great height  
Reached R Kalambo  
which I know as falling  
into Tanganyika =  
& its branch beside  
the village Mosapasi  
deep & crossed by a bridge  
Kalambo 20 yards  
wide & shallow but  
it enlarges much E- 2¾

[0088]

12<sup>th</sup> November 1872  
Along among low ranges  
by tree covered hills = to a  
village stockade = Refuse to

remain & went on to  
another by a rill 3 yds wide  
course about S & by W 4¾ [Table consisting of 3 temperature readings with notes "6 PM" and  
"clear" beside table.]

---

13<sup>th</sup> Long lines of ridges of  
sandstone hardened & Haematite  
all clothed with trees - grass  
sprung up - cloudy & showery  
We came to Zombe's boma  
on Halochechi R flowing into  
the Lake about 15 yds & thigh  
deep flowing fast over  
rocky bottom = with many  
aquatic plants = stockade  
on River = was surrounded  
by Matoka's camp and a  
constant fight maintained  
at the point where the line of  
stakes was weakened by the  
river running through = He  
killed four & chitimbwa &  
Kasonso coming raised  
the siege = He compelled some  
Malongwana to join him

[0089]

while Moamba refused to  
join him = He plundered many  
village of all food and has  
been a scourge mornings  
march S & by W 2

[Table showing temperature readings at 10 AM noting it was "cloudy".] [Table showing  
temperature readings at 3 PM noting it had "clouded over".] 14<sup>th</sup>  
[Dated table showing temperature readings at 3 PM and noting it was "rainy".]

---

14<sup>th</sup> S. Rest - Zombe the  
chief is gone to Chitimbwa's  
Land high & cold - showery Motoka's besieging camp all round the Boma of Zombe  
[Drawing of boma referenced in text also showing R Halocheche.]  
Motoka plundered a native  
Arab party of 6 bales of  
cloth & one load of beads  
& said if you wish to get  
the goods back go on with  
me & fight Zombe - the

[0090]

seige lasted 3 months, then  
Kasonso & Chitimba who  
are of the same family with  
Zombe came & a complete  
rout ensued - they left  
many of their guns and  
clothing - the Malongwana  
had previously escaped  
It is two months since the  
rout so we have been  
prevented by kind Providence  
from coming soon enough  
to fall into the hands of  
Motoka's immense horde  
He was impudent & extor-  
-tionate before & much  
more now that success  
in plundering has emboldened  
him

---

15<sup>th</sup> Nov<sup>r</sup> 1872 = refused  
a guide & march 3 hours over  
undulating country cross Lowana R- then send  
to find water but could not  
course SW but after failing  
to find water turned due W,  
found a path W & by S went  
1 to water + 3 = 4  
2 Rhinoceros started off  
sent back for sick donkey &

[0091]

men not returned on the

---

16<sup>th</sup> we wait for them  
this morning = they came  
Donkey died this morning  
and we make a march  
from Noon - the death  
was evidently caused by  
Tsetse bit te & bad usage  
by Mabruki Speke in  
keeping by falsehood  
48 hours without water

the rain helped to a fatal  
end - a great loss to me  
Outline of end of Lake  
[Drawing of 2 curved lines with E & W written near each line.] J

Afternoon followed range  
on our left which came  
round to W & ^ Lake lay on our  
right went only W - 2  
Kasonso's people  
called in passing

[0092]

H

[Map including Urungu, aeezy, Lonzua R, Zombe stockade, Halocheche R, Mosapasi R,  
Kalambo R, Kawa R.]

[0093]

K

[Continuation of drawing or map including Lonzua R.]

[0094]

17<sup>th</sup> November 1872

Went on along bottom of high  
ridge that flanks the Lake  
on the West then turned  
up South East to a village  
hung on the edge of a deep  
chasm in which flows  
the Aeezy = see an islet  
beyond Lonzua = stop for  
provisions at nearly 2  
NE.

---

18<sup>th</sup> Set off & were soon  
overwhelmed in a pouring  
rain = climbed up the red  
slippery path which is  
parallel & near to Mbette's  
this is something like what  
Kirk had instilled into the  
Pudduck's idea of the miseries  
of African travel = a  
man who took a child deserted  
by her mother seeing she  
was benumbed by cold &  
wet carried her = then as  
I came up threw her into  
the grass = ordered a man  
to carry her & we gave

[0095]

her to one of the childless  
women - she is about 4  
years & not negro looking  
Our march was about  
South West and 4  
at Kampambas the  
son of Kasonso who  
is dead

---

Insama is name of  
Chama = of R<sup>t</sup> ^ (Lo)Bumbo

---

19<sup>th</sup> Nov<sup>r</sup> visited Kam-  
pamba still as agreeable as  
we found him before when  
he went with us to Liemba  
Has a good sized village  
men stringing beads  
heavy rains now & then  
every day = gave two  
cloths as a present -

---

20<sup>th</sup> Stringing beads for  
use - 21<sup>st</sup> D<sup>o</sup> - gave  
all except defaulters  
two dotis each and a  
maneh of beads

[0096]

22 Nov<sup>r</sup> 1872 diminished  
our loads considerably  
and pleased the men  
We have now 3½ loads  
calico & 120 beads several  
go idle but to do any  
odd work as helping  
the sick or whatever they  
are ordered - gave the  
two Nassickers who  
lost the cow & calf only  
one doti = It was worth  
14 dotis - one man behind  
ill of dysentry - sent for  
him twice = sent cloth &

beads to him as we must go

---

23 prepare to start  
rains heavy & frequent

At Kampamba's 6 PM

[Table of temperature readings with text to the right "cloudy 80° Muanani joins Kapondosi".]

[Calculations based on geographical coordinates that continue to next page.]

[0097]

[Calculations based on geographical coordinates that continue from previous page.]

Kampamba's

at Muanwani

or Kalusi Rt

---

24<sup>th</sup> Leave Kampamba's  
& cross meadow S E of  
vil in which Rt Muanani  
^ or Kalusi rises - It flows into the  
Kapondosi for the Lake  
Went over a flat country  
soil reddish & fertile -  
covered with trees which  
have all been cut about  
4 or 5 ft from the ground  
for cultivation or char-  
-coal - Long lines of  
hills of denudation  
in distance all directed  
to Lake - Our course  
about South West  
and quick marching 3¾ hours  
Kitineka our guide  
to Liemba with Kampembe  
is now our leader

[0098]

We came to Kasonso's  
successors village on the R  
Molulwe of 30 yards and  
thigh deep going to Lofū  
chief gave a sheep = a  
welcome present for I  
was out of flesh some  
days - Kampamba is  
stingy as compared with  
his father

[Calculations based on geographical coordinates.]

24 Nov bank

left of Mololwe R

---

[Calculations.]

Lat 9 - 5 by Algenib  
of R Mololwe at vil  
of Kasonso's successor

[0099]

25<sup>th</sup> Nov<sup>r</sup> 72 = one hour  
SW to Rt Cazembe on  
which the departed Ka-  
-sonso lived - 3 yards &  
very deep flowing slowly  
to the Lofū - passed on  
through much pollarded  
forest = level but the stumps  
send out leafy shoots  
that make the path very  
tortuous - come to a  
village = newly built  
course generally SW- 3

---

26<sup>th</sup> off at daybreak  
grass loaded with dew  
and a heavy mist hanging  
over all - S & S-W-  
passing two villages of  
people come out to  
cultivate then stop at  
Ndari's village on  
the Rt Loela goes into  
the Lofū - soil all 3 ½  
very fertile = manured  
by burning branches of trees

[0100]

27<sup>th</sup> Nov<sup>r</sup> 1872 R<sup>t</sup> Loela  
spend this as Sunday as  
we should be in an  
uninhabited tract tomorrow  
beyond the Lofū and the  
headman here Ndari  
cooked six messes for us  
& begged us to remain for  
more food which we buy  
gave us a handsome  
present of flour & a fowl &  
we returned a doti = very



heavy rain in afternoon  
with strong gusts of high  
wind which wet us all

---

28<sup>th</sup> A mile off we came to  
the Lofū 60 feet & very deep  
made a bridge & cut down  
both banks for donkey &  
cattle to pass = hauled each  
across by a rope = occupied  
two hours then went on a  
great plain with much water  
that never dries but forms  
a bog with tufts of grass &  
very deep between = misled  
into this by our guide as  
a path goes round it - we  
were 5 hours but count  
real march only SW. 3½

[0101]

came to a village without  
stockade & people allowed us  
to camp there in = long  
lines of low hills all about

A man came to the bridge  
to ask toll fee - As it was but  
one stick and unfit for  
our use because rotten  
I agreed if he would repair  
it for our large company -  
but if I remade it & large  
he ought to give me a goat  
for the labour = he slunk  
away & we laid large trees  
where there was only one  
rotten pole

---

I

[Map including R Chua R Kanange Malembe range Isunga Lofu Kitwette Mt.]

[0102]

29<sup>th</sup> Nov<sup>r</sup> 1872 crossed  
the Looze in two branches  
(Ilamba) & climbed up the  
gentle ascent of Malembe  
low hills to the chief 2½  
village of Chiwe who at

another place I was led to  
call Chibwe by a Yao  
tongue - Ilamba is the  
name of his vill - The  
Lo-ozu's two branches were  
waist deep - the first has  
a natural bridge of a fig  
tree growing across = goes  
into Lofu. Lofu rises  
in Isunga country at a  
mountain - Kwitette

Chambeze rises East of this  
& at same place as Lonzua  
Chiwe presented a small  
goat with crooked legs ^ & millet flour but  
grumbled at the size of the  
two fathom cloth I gave  
I offered another fathom & a  
packet of needles - but he

[0103]

growled at this too and  
sent it back. I returned his  
goat & marched on this  
30<sup>th</sup> November South W  
same forest country with  
low tree covered ranges  
of dark red sandstone &  
quartz - crossed a R<sup>t</sup> &  
came to a large village in a  
stockade 4¼

---

1<sup>st</sup> December 1872  
Closed in with thick clouds  
but we went away among  
long low tree covered hills  
some 500 feet high = all is  
green except where new  
purple leaves are still  
purple = no ruins are  
passed ^ but ruins of anthills  
which possess great durability  
Came to a ruined stockade  
on a rivulet that lately  
overflowed all its banks  
A [..]- Nutmeg tree in full  
bearing but fruit high  
no people - SW- - 3

R<sup>t</sup> Chua to Lovu Katanta

[0104]

Who planted the Nutmeg  
tree on the Chua Katanta

I feel as if I must  
have it some time"

19<sup>th</sup> August 1868 -

Private letter of D<sup>r</sup> Kirk

In making clay pots the  
good wives pick up fragments  
of very old well burned vessels  
pound them small as grots  
and mix a portion with  
the clay to prevent too much  
shrinking & cracking as  
ashes in brickmaking [Drawing of three figures, two female and one male.]

[0105]

Kasonso --- SW

Chitapaousia SW

Chiwe on Luvu SW

3 on 4<sup>th</sup> Kafimbi

Chama SW - SW

to Chambeze -

The Baurungu are very  
like the Banyamwezi  
only more European  
in their features -

Many of the young men  
carry shields of skins  
of game in imitation  
of the Batuta

Estekharah - consult  
Koran & holy beads  
Kismut fate  
faleka bastinado

"You cannot imagine  
how I should like to  
get a run with you  
again in the wilds

[0106]

Musa = boat

Sangoro ^ mango a 4 Am box

Chuma - Kurindo O

Sangoro = odd service  
Madwara = 2 dotis & B  
Mokassa = 1 D° & B  
Nyalkobo - 0 load  
Ghamsin - 0 D°  
Matenki Speke cones  
Magawa - 0 no load  
Tangawazi 0 D°  
BTofike Bange = tar  
Wadghames 0 no  
Ghamees = 0 load

---

Hassani ill of  
dysentery at vil on  
Aeezy R. Sent for  
him twice 20 Nov 72

[0107]

Churango - Beads  
Damungu Beads  
Furjilla - Bed  
~~Furjilla = cooking thing~~  
Richard = ^ string Beads  
Fuaka = 'Am' box powder  
Hamadi = Brass wire  
Saburi - Brass  
Maganga Brass  
Mabruke 2 Am- Box  
~~Ben~~ Anamuri 3 Am. Box  
Ramadan Beads  
Moenze Talumi - Box  
Mustafa - Box  
Moalima country Flour  
Abed - Tent  
Safen med box & sextant  
Mabembua Uny ~~med box 0~~  
Amoda = box sundries  
Shebane = tin box  
Wadi Baraka tool box

[0108]

grinds flour [Calculation.]

counts 130

---

Furjillah - pots & pans  
 B = Athman + beads & + 1 doti  
 Gardner = beads ^ to carry  
 Nassick - 2 Matheo O  
 carriers boat  
 Bon Ali - box pd  
~~Halima~~ = cook 2 dotis  
 + 1 doti  
~~Flour man~~ Wadesale = flour  
 Michosi — gun[...] s 2 dotis B  
 Tofiki samam - bag bread  
 Lesasse - candles  
 Salemeng Karindo  
 BeMoarika II bale  
 Ambarre Beads  
 Hamees - Box writing.  
 Chanda - Bale  
 Hassani Bale Beads  
 Hatibo Tin box  
 Bughet Beads  
 Tom - Beads  
 Bilale = Bundle  
 of tools

[0109]

The Kapessi hot fountain  
 flows into Lofū & it into  
 Tanganyika from Itawa

The Kamakaie hot  
 fountain flows into the  
 Chambeze

Kiturussi or Earth-  
 quakes are frequent  
 coming from the East  
 and going West  
 Kampaniba's  
 information & others  
 1867 & Nov<sup>r</sup> 1872  
 Manua Sera dotis 6 + 1  
 Chaoperi — 6  
 Susi — 6 [Calculation based on text.]

---

Ntaoea 2 dotis & B

[0110]

64 - 2 coloured 2 Kamila

7 - 3 - 22 = (3K)

---

I

[Breakdown of types of cloth and calculation of their value in dotis.]II

[Breakdown of types of cloth and calculation of their value in dotis.]III

[Breakdown of types of cloth and calculation of their value in dotis.]

---

to be divided

[Table consisting of 12 rows of cloth statistics and calculations.]

[0111]

Katepeluan eatable

plant - flower & bulb.

6 petals - inferior calyx

6 stamens attached a fleshy

internal funnel - pink petals

yellow stamena & crimson top

to funnel - trilobed seed vessel

At Zombe's on Halocheche

& on all the Urungu heights

---

Male = Mileza

Zimberrao a moto mushroom 3

---

2 got 6 dotis 20<sup>th</sup> Nov<sup>r</sup> 1872

6 - 4 dotis each = pagazi B1 Mtolo 2 Chongo B 1 Kalasha

3 B Mtalu 4 Chowperi 36 dotis

B5 Mabembe ganga & one

B6 Mkizi = B7 Mufta maneh

B8 Sarboko Banyamwezi beads

---

Athman 6 dotis & beads

---

1 bale = 4 Merikan 4 coloured

2 - 4 — 3 coloured

3 - 4 coloured 5 Kamke

4 4 = 7 coloured

5 4 Slanley 2 coloured

---

[0112]

Decem Rainfall in 1872

1<sup>st</sup> R<sup>t</sup> Katanta = Noon NNE. .43

---

2<sup>d</sup> R<sup>t</sup> Katanta SE. set in O =  
6 - 10 AM = .45  
D° 4½ hours SW = SE not ?  
measured

---

4<sup>th</sup> R<sup>t</sup> Lampussi 5 - 6 AM O ? .7

[0113]  
Oct<sup>r</sup> Rainfall 1872  
31<sup>st</sup> South end Tanganyika =  
- 11 - 12 AM E .29

---

11<sup>th</sup> Nov<sup>r</sup> Kalambo R -  
4 PM thunder from N Land dust  
It was reported that three  
people were swept away  
by sudden flood in Fipa

---

13<sup>th</sup> Zombe's 8 PM SE .13  
14<sup>th</sup> D° 5 PM - SE .22

---

15 - Forest 8 PM & 5 AM SE .12

---

18<sup>th</sup> Lake near 6 AM & Noon 1 .22

---

19<sup>th</sup> Kampamba 10 AM & Noon SE .83

---

21<sup>st</sup> D° 6 AM SE silent .7

---

23<sup>d</sup> D° 7 - 9 AM NE set in .31

---

26<sup>th</sup> 3 - 4 PM Loela SE .82

---

27 4 - 5 PM R<sup>t</sup>Loela SE 1 .47

---

D° D° Loela 6 - 7 PM SE = 1.17  
with strong gusts wind -

---

28<sup>th</sup> vil. 8 - 10 PM SE = 1.24

---

29<sup>th</sup> Chiwe's 12 - 1 PM SE .11

---

30<sup>th</sup> Chipongola's in Mokatanta  
dist 2 1 - 3 PM SW .41  
Total Rainfall Nov<sup>r</sup> 8.41  
in Urungu  
Nil showers through night

[0114]

It is like the difference  
in effect of cold if one  
is in activity or sitting  
& falling asleep on a  
stage coach

---

---

Kapesi = islet  
Mpunda range is the  
beginning of Ulungu  
Matuta killed all the  
cultivators of the hills  
Khangere chief of boma  
at Mpunda bay

---

---

a shower makes  
the birds burst into  
song

---

---

I know ten hot  
fountains North of  
the Orange River  
the further North the  
more hot and  
numerous

[0115]

The sun makes the  
soil so hot that the  
radiation is as if it  
came from a furnace  
It burns the feet of



the people and knocks  
them up - subcutaneous  
inflammation is  
frequent in the legs  
and makes hardy  
men useless - We have  
been compelled to slowness  
very much against  
my will = I too was  
ill & became better  
only by marching on  
foot - riding exposes  
one to the bad influence  
of the sun while by  
walking the perspiration  
modifies beneficially  
the excessive heat

[0116]

Tala M<sup>t</sup> near 29<sup>th</sup> +  
M<sup>t</sup> Kasonko tomorrow  
Mokangele limit of Fipa  
Swifts in flocks were  
found on Lake when  
we came to it and  
small migration  
swallows ever since

Though this is the very  
hottest time of the year  
and all the plants  
are burned off or  
quite dried the flowers  
persist in bursting  
out of the hot dry  
surface - generally  
without leaves - A  
with two yellow patches inside  
purple ginger ^is very  
lovely to behold &  
it is alternated with  
one of a bright Canary  
yellow - many trees  
too put on their blossoms

[0117]

Our drum is the greatest  
object of curiosity we  
have to the Banyamwezi

---

A very great deal of  
cotton is cultivated all  
along the shores of the  
Tanganyika = It is the  
Pernambucco kind  
with the seeds clinging  
together but of good &  
long fibre = the trees are  
left standing all the  
year to to enable them  
to become large grain &  
ground nuts are cultivated  
between them - the cotton  
is manufactured into  
common coarse clothe the  
general clothing of all

---

Lusise where they land on  
crossing the Lonengwa ^ is above Molelo  
Kapesa SW of this  
Molelo of Tambale

[0118]  
had been picked up by  
him & so called geography  
written again on the  
palavers of Zanzibar  
Arabs

The question is not one  
of detail = It is a question  
involving political  
& social considerations  
of singular & serious  
importance - It is  
nothing less than the  
maintenance of ~~British~~ European  
influence to carry out  
the great work of civilization  
which Providence  
in its wisdom has  
entrusted to our nation  
If one Govern<sup>t</sup>. officer  
delivers over a thousand  
pounds to be delivered  
to another & that be X  
rendered with impunity

[0119]

Kirks report to the F.O.  
that he had sent off  
supplies & men to me  
in fact that all my  
wants had been supplied  
were only half truths  
He had spoken to Ludha  
and believing him  
made the assertion  
that he (Kirk had sent)  
a half truth as far as  
I was concerned a lively  
misrepresentation  
He unwittingly handed  
over the goods to a  
coterie, clique or party  
of slavers of which  
Ludha was the chief X

---

D<sup>E</sup> Kirks description  
of Bangweolo was  
only a sally of audacious  
ignorance = as if the  
mantle of Inner  
Africa laid open X

[0120]  
enough of my own  
need and from not  
remembering that I  
could have got un-  
-limited leave while  
the donor Sir Bartle  
Frere lived in power  
I was too short sighted  
for my own interests  
and now I see that  
D<sup>E</sup> Kirk had no sort  
of compunction in  
trying to supersede me  
by Banian treachery  
the eagerness with which  
he recommended that  
I should retire & leave the  
rest to other travellers = the  
strong urgings to the S. & R.  
Expedition to resign & go  
home = and the culpable  
negligence of placing all  
my supplies in Banian

hands & there leaving  
them, tell a tale X

[0121]

Ukwdyne = Tamarinds

---

Note = Though we suffer  
much from the heat by  
travelling at this season  
we escape a vast number  
of running & often muddy  
rills also muddy paths  
which would soon knock  
the donkey up - a milk &  
water sky portends rain.

Tipo tipo reported on  
14<sup>th</sup> Oct<sup>r</sup> to be carrying it  
with a high hand in  
Nsama's country Itawa  
insisting that all the  
ivory must be brought  
as his tribute the  
conqueror of Nsama ✓

---

I had the offer of a X  
consulate on the coast  
of Africa of much  
higher grade than Kirk  
now holds but declined  
it from not thinking

[0122]

may not be less than  
the extreme greed of low  
villainy but I trust  
in the mercy of the  
Most High to help me to  
finish my work X

---

The spirit of Missions  
is the spirit of our Master =  
The very genius of his religion -  
a diffusive philanthropy  
is Christianity itself - It  
requires perpetual pro-  
-pagation to attest its

genuineness

[0123]

If D<sup>r</sup> Kirk had never  
got the offer of the leader-  
-ship of the sources of the  
Nile he would not have  
had the additional strain  
put on his moral nature  
which the prospect of  
superseding me after  
he had secured his two  
prerequisites = a salary  
& position to fall back  
upon for which he at  
first declined - His  
public recommendation  
to me to retire & leave the  
rest to others is ominous  
The other plan to which  
Gov<sup>t</sup> looked, points to a  
private offer of himself  
and his advice to the  
S. & R Expedition to  
dawdle & then the strong  
urging to go home  
XX

[0124]

they have learned the  
Arab adage nothing for  
nothing & are keen  
slave traders

---

The "Gingerbread palm" of  
Speke is the Hyphene  
The Borassus has a  
large seed very like the  
coco-de mer of the Sey-  
-schelles islands in being  
double but it is very  
small compared to it  
√

---

---

Lord Granville said  
in the House of Lords

that all my wants  
had been supplied  
I suppose on the  
strength of Kirk & X  
Ludha's statements  
which were only half-  
-truths which were  
naturally taken to be whole truths

[0125]

22<sup>nd</sup> under a lofty tree  
at Simba's = a kite the  
common brown one had  
2 pure white eggs in its  
nest - larger than a fowls  
and very spherical.  
22<sup>nd</sup> Sept<sup>r</sup> 1872 ✓

---

Banyamwezi women are  
in general very coarse  
not a beautiful woman  
among them as is so  
common among the  
Batusi - squat thickset  
figures & features too = a race  
of pagazi = on coming in  
land from sea coast  
the tradition says that  
they cut the end of cone shell  
so as to make it a littl  
of the half moon shape  
[Drawing of moon-shaped ornament.] this is their chief  
ornament  
They are generally respect  
-ful in deportment  
but not very generous  
✓

[0126]

Shereef was four times  
longer in going to Ujiji  
than he ought to have been  
and Ludhas slaves  
lay at Bagamoio for  
four months minus  
3 days - but he wants  
to bring the matter before  
the consular court in  
the regular way - He

being the sole witness  
and He alone knowing  
to whom he entrusted  
the matter of supplies  
and his friendships  
for Ludha having been  
misplaced the only course  
open is that adopted  
by the Hamburgh Consul  
when Baron von der  
Decken was plundered  
demand that the X  
Sultan make the noblis  
refund monies unwisely  
tossed into other hands

[0127]

and even more so for the public  
avowal of hostility to me shewed  
a mental bias incompatible with  
a just judgement in the  
case to which he invited me  
and it was very ungraceful  
to accuse me of "believing"  
"Niggers" instead of him  
because his own implicit  
faith in these identical half  
blood natives and in their  
master led him to entrust  
them without precautions  
with hundreds of pounds  
worth of goods twice &  
a third time allow them  
to lie at Bagamoio un-  
cared for during four ~~and~~  
~~a half~~ months minus 3 days with the  
result that caused him  
the "greatest grief & indignation"

He seems to have been  
kept in the dark by the  
consular agents as to the  
trade transactions of those  
employed & not a  
suspicion of foul play  
troubled him when  
X

[0128]

X D<sup>r</sup> Kirk wrote on the  
18<sup>th</sup> May that he felt the  
greatest grief & indignation

at my losses - But on May  
the 27<sup>th</sup> or nine days  
later he publicly declared  
in presence of J.F Webb  
the American Consul -  
M<sup>r</sup> Stanley and three other  
gentlemen that he declined  
to do anything for me because  
he should only get insulted  
The occasion of his refusal  
was to aid by sending his  
dragoman to hasten the  
men secured by M<sup>r</sup> Stanley  
was the impending sailing  
of the steamer for England  
He added in a parenthesis  
officially I will but actually  
refused & justified his  
act by the quibble of the  
refusal being non official  
If I am not misinformed  
while holding the office  
and drawing the pay of  
consul his public acts  
and declarations were as  
official as the grief & X  
indignation

[0129]

[Calculation of total manpower available from various sources.]

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10<sup>th</sup> Oct<sup>r</sup>

[Dated calculation of total manpower available from various sources.]

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[Calculation of total manpower available from various sources.]

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25 Aug leave Unyanyembe

25 Sept<sup>r</sup>

25 Oct<sup>r</sup> Fipa

[0130]

find Dawson struck "for higher



wages” or because he had  
been put on half pay M<sup>r</sup>  
New struck because he  
had quarreled with M<sup>r</sup> Henn  
and M<sup>r</sup> Henn resigned  
and like Dawson left  
\$4000 worth of property  
lying at Bagamoio Do  
the hindmost and probably  
they would all have acted  
in same part with ^ the Agincourt  
but for fear of court  
martials Free Naval  
Officers from the terrors  
of courts martial, and  
you deprive them of all sense  
of responsibility as gentlemen  
Some would turn tail  
on breaking the photo-  
-graphs of wives or  
sweethearts even - The  
vivid hope that pro-  
-motion is near seems  
their only X impelling  
motive in exertion - there  
seems in the average  
naval officer no enthusias m

[0131]

11<sup>th</sup> Sept 1872 Mwara’s  
the ” Help & relief Exp<sup>n</sup>” was  
advised to wait till the  
rains should cease = that  
is daw-dle in inactivity  
for three months, and allow  
all their good intentions  
to ooze out at their finger  
ends - there they lay on a  
most unhealthy island  
till strongly urged to  
shew the white feather  
and they did it = resigned or  
”struckwork” - I did not wait  
a day for the cessation of  
the rains, but went off  
in the middle of the Masika  
Stanley did the same or  
rather at the beginning of the  
heavy rains - no pagazi  
could he get but he went to  
the mainland and soon

secured 140 pagazi and  
30 freemen - He went  
right through with the  
great Masika pouring  
down on him & then came  
back through it all to

[0132]

trivial things = the  
Grand Llama sitting  
in immovable con-  
templation of nothing  
is a good example of  
what the human mind  
would regard as majesty  
but the gospels reveal  
Jesus the manifestation  
of the blessed God over  
all as minute in his  
care of all - He exercises  
a vigilance more  
constant, complete &  
comprehensive every  
hour & minute over  
each of his people than  
their utmost self love  
could ever attain -  
His tender love is more  
exquisite √ than a  
mothers heart can feel

[0133]

If we speak of strength  
Lo He is strong - The  
Almighty = The Over Power  
the Mind of the Universe  
the heart thrills at the  
idea of his greatness = all the  
great among men have  
been remarkable at once  
for grasp and minuteness  
of their knowledge =

Great Astronomers  
seem to know every iota  
of the knowable - The  
Great Duke when at the  
head of armies could  
give all the particulars to  
be observed in a cavalry  
charge = and took care

to have food ready for  
all his troops = Men  
think that greatness  
consists in lofty  
indifference ✓ to all

[0134]

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Podophyllum peltatum

---

Twarisiwa = a slave  
woman who followed us  
and then on her master's  
messenger appearing  
threw herself at my feet  
and grasped my legs -  
wrote to her master and  
begged that she should  
not be beaten = said that  
I would enquire when  
I returned = she was very  
good looking & of fine  
form = a button on the  
side of the nose for  
beauty rather detracted  
from her pleasant  
countenance but she  
evidently thought not  
so-

Sunbirds nest was  
destroyed by some one  
unknown to me = maybe  
one who looked up at  
the wagtails singing & said "Kelela"

[0135]

Antagonism of opinions  
Life's work = G<sup>d</sup> Manners  
geniality of disposition  
Hard work S R Peel = lay  
mind alongside the native  
Large allowances for those  
reared in idolatry - Little  
gardeners like little min<sup>ies</sup>  
Each hour & moment w

vigilance to which utmost  
selflove could never attain  
Dir. have accumulated  
experience - though changing  
the stock is increased  
while Indepence of wild  
asses' colts' have none -  
Fact & opinion 2  
Rhinoceroses story

X

[0136]  
web from the inner  
stiff paper web in  
order to make a  
nest between the  
two - the outter web  
is a thin coating  
of loose threads - the  
inner is tough  
paper impervious  
web like wasp's  
hive but stronger  
The hen brings fine  
root fibres & places  
them round a hole  
1½ inch in diameter  
then works herself  
in between the two  
webs and brings  
cotton to line the  
inside formed by her √  
body -

[0137]  
5<sup>th</sup> August cont<sup>d</sup> the  
Sun birds come to a  
mass of spiders web  
formed by a certain  
to pick out young spiders  
Nectar of flowers  
is but part of their  
food - the insects in  
or at the nectar could  
not be ~~sep~~ separated  
and hence have been  
made an essential  
part of their diet √

---

9<sup>th</sup> It now appears  
that the Sun birds  
when appearing to  
pick out young  
Spiders probably did  
so but ended in de-  
taching the outer  
coating of spiders  
√

[0138]  
all his life long in the  
apparition of the  
livid hand & arm

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a couple of rufous  
brown headed & dirty  
speckled breasted  
swallows appeared  
today for the first  
time this season  
and lighted on the  
ground - This is the  
kind that builds here  
in houses and as  
far South as Shupanga  
on Zambesi and  
at Kuruman - 5<sup>th</sup> Aug -  
Sun birds visit  
a mass of spider's  
webb regularly today  
5<sup>th</sup> August 1872

[0139]

"Hugh Miller's father  
perished at sea when  
he was but five years  
of age - On the night of the  
father's death Hugh saw  
at the open door within  
less than a yard of his  
breast, as plainly as  
ever he saw anything,  
a dissevered hand &  
arm stretched toward  
him. Hand and arm

were apparently those of  
a woman; they bore a  
livid and sodden appear-  
-ance, and directly ^ in front  
him, where the body  
ought to have been, there  
was only blank, trans-  
-parent space, through  
which he could see the  
dim forms of objects  
- beyond” Hugh believed

[0140]

several games  
They also shoot birds  
with bows and teach  
captured linnets to  
sing - They are expert  
in making gins and  
traps for small animals  
& birds and in making  
and using birdlime -  
They make play guns  
of reed which go off  
with a trigger ^ & spring with  
a cloud of ashes, for  
smoke - sometimes  
they make double  
barreled guns of clay  
& have cotton fluff as  
smoke - Manyuema  
boys shoot locusts  
with small toy  
bows very cleverly -

[0141]

Baganda count five  
months as a year  
Three months of rain -  
two of dry weather and  
then rain again ✓

---

In many parts one  
is struck by the fewness  
of games among the  
children - Life is a serious  
business and amusement  
is derived from imita-

ting the vocations of  
their parents - Hut  
building - making  
little gardens - bows  
arrows shields & spears  
Elsewhere boys are  
very ingenious little  
fellows and have

[0142]

He was animated by  
love of justice and he  
has furnished an  
example to be loved as  
well as to be admired  
of all the qualities which  
combine to make the  
English Empire possible  
and useful "Times"

[0143]

Sir James Outram's  
career was a brilliant  
illustration of ordinary  
English work and English  
character in India -  
this, he himself delighted  
to insist - but in the  
discharge of ordinary  
duty he never forgot  
the spirit of chivalry -  
Most Indian commanders  
have been men of modest  
origin, single aims  
and simple expectations  
A great task is laid  
on them and they fulfil  
it to the uttermost revealing  
under pressure of  
circumstances, qualities  
which are an honour  
to our race & our country -

[0144]

concealing it on his  
person because he  
knew that on its  
production his wages  
depended - Every one ther  
else eafter sent to Lewale

disappeared - and  
one put in an Arab  
packet was extracted  
while the packet went  
to its destination - the  
Arabs outside the Ring  
were not only obliging  
but generous with  
their goods though  
their presents were  
made at the expense  
of their trade - I took  
care to refund all I  
got but still they  
were the Antipodes to  
the members of the Ring

[0145]  
and no evidence was  
to go to the coast - From  
that day to this every  
letter sent here has been  
destroyed - The Arabs  
outside the Ring had no  
objection to convey  
letters - Thus a letter  
of July 1868 from near  
Bangweolo was safely  
delivered though the  
three headmen of the  
Arab party were slain  
by a tribe in the way -  
The slaves took it on &  
other notes were taken  
on by Syde bin Ali &  
Ghamees Woodin  
Tagh - and Musa the  
buffalo driver took  
his letter on by

[0146]  
and the whole region  
from Unyanyembe  
to Ujiji & beyond was  
occupied by his  
agents - It was not  
easy to find an Arab  
who was not a  
Banian agent any  
where - the first notice  
I had of the existence of



this ring was when a  
weakling Thani bin  
Suellim refused to  
send on my letters as  
he said "because he  
did not know what  
words they contained"  
I soon learned that  
the Lewale or governor  
had by his slave  
plundered my goods

[0147]

The Zanzibar slave  
trading ring is com-  
-posed chiefly of our  
fellow subjects the  
Indian Banians and  
a comparatively few  
low Arabs - The  
Banian money is the  
mainspring of it all -  
They have managed to  
get a creature of their  
own Syde bin Salem  
made "Lewale" The only  
semblance of Arab  
authority in the whole  
interior of East  
Africa - Ludha was  
the chief slaver - the  
chief money lender  
to Arabs & Banians

[0148]

has to stoop to the task  
even in his old age but  
he may like it as a  
way of doing good  
and one like him  
will get the best of  
good fare = some  
ministers relish it  
as holiday work  
and are glad of the  
annual t[...] ur it  
gives to those whose  
salaries do not allow  
ought but plain fare  
and constant work

at home

[0149]

The Mendicant Friar  
as introduced by the  
saintly Neer do weel  
St Francis de Assisi  
was simply a sturdy  
beggar, and his place  
is nowadays taken  
up by the Begging  
Parson - who with all  
the approved appliances  
of modern times  
follows much the  
same occupation  
The London Missionary  
Society tried to enlist  
me as one of the begging  
fraternity & offered to  
"send a man with me  
throughout the country"  
but I rebelled - & fear  
most M<sup>r</sup> Moffat

[0150]

Shuale = January  
Ekaade = February  
Hafi = March  
Meharram April  
Safur = May  
Rabie auale June  
Rabie Aghere = July  
Yamadeauale ^ August  
Yamadeugiere Sep<sup>t</sup>  
Radyab = October  
Shabane = Nov<sup>r</sup>  
Ramadan = Dec  
m The Arabs count days  
= 6 m of 29 days & 6 m of 30 days

[0151]

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

[0152]

354 days  
instead of 365 - throwing  
eleven days away

[Calculations.]

