Fragment of 1870 Field Diary (XXI-LXI), 3-15 November 1870

David Livingstone

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[XXI]

XXI

Laba means in the Manyema dialect medicine - [3]

a charm - "boganga" This would make Lualaba mean the river of medicine or charms - but we do not hear of its being famed among them as the Ganges is in India - and possibly this is not the proper meaning of the word - Muhamad and others found its banks very healthy and it yields abundant food both in its waters and on its banks. The sacred River does not accord with the fact of Lualaba being applied to the Lufira when it becomes large and also to the third Lualaba or Young's river still further West dividing Rua from Lōnda - Hassani thought that it meant great because it seemed to mean flowing greatly or grandly -

Cazembe caught all the slaves that escaped from Muhamad and placed them in charge of Funga -funga so there is little hope for fugitive slaves so long as Cazembe lives = This act is to the Arab's very good - He is very sensible and upright besides - XXI

[XXII]

XXII

3^d Nov^r 1870 got a Kondo hondoas the large double billed Hornbill The [^] [Buceros cristata] Kangomira of the Shire and the Sassassa of Bambarre - It is good eating = The fat of an orangetinge like that of the zebra I keep the hide to make a spoon of it - An Ambassador at Stanboul or Constantinople was shewn a hornbill spoon and asked if it were really the bill of the Phoenix - He replied that he did not know but he had a friend in London who knew all these sort of things - The Turkish Ambassador in London brought the spoon to Professor Owen He observed something in the divergence of the fibres of the horn which he knew before and went off into the Museum of the college of Surgeons

and brought a preserved specimen of this very bird - "God is great - God is great" said the Turk This is the Phoenix of which we have heard so often = I heard the professor tell this at a dinner of the London Hunterian Society in 1857.

[XXIII]

XXIII

There is no great chief in Manyema or Balegga [4

all are petty headmen each of whom considers himself a chief - It is the Ethnic State with no cohesion between the different portions of the tribe - Murder cannot be punished except by a war in which many fall and the feud is made worse and transmitted to their descendants. [corcopied]

+ The Soko is represented by some to be extremely cunning stalking succesfully men & women while at their work - kidnapping children - and running up trees with them - He seems to be amused by the sight of the young native in his arms - but comes down when tempted by a bunch of bananas and as he lifts that drops the child - The young Soko in that case would cling closely to the armpit of the older - One man was cutting out honey from a tree and naked a Soko suddenly appeared & caught by by the privates

[XXIV] XXIV

then let him go Another man was hunting and missed in his attempt to stab a Soko - Soko seized the spear & broke it then grappled with the man who called to his companions "[Soko has caught me" he bit off the ends of his fingers and escaped unharmed both men are now alive at Bambarre Soko is so cunning and has such sharp eyes that no one can stalk him in front with [^] [out] being seen by his small sharp eyes, hence when shot it is always in the back - When surrounded by men and nets he is generally speared in the back too otherwise he is not a very formidable beast -He is nothing as compared in power of damaging his assailant to a leopard or lion - He is more like a man unarmed - It does not occur to him to use his canine teeth which are long and formidable - Sokos come down in the forest within a hundred yards of our camp & would be unknown but for giving tongue Like fox hounds

This is his nearest approach to speech -

[XXV]

XXV

A man hoeing having his privates uncovered [5]

behind was stalked by a Soko and seized thereby - He roared out but Soko giggled & grinned & left him as if he had done it in play - a child caught up by Soko is often abused by being pinched & scratched and let fall He is said sometimes to use a spear drawn out of his own body but this is denied by some - Soko kills the Leopard occasionally by seizing both paws & biting them so as to disable them - Soko goes up a tree groans over his wounds & sometimes recovers - while Leopard dies - At other times both Soko & Leopard die -Lion kills him at once and sometimes tears his limbs off but does not eat him - Soko eats no flesh - []small bananas []are his dainties but not maize - his food consist of wild fruits which abound - one Stafene or Manyema mamwa is like large sweet sop but indifferent in taste & flesh Soko brings forth at times twins - never catches women

[XXVI]

XXVI

A very large Soko was seen by Muhamads hunter sitting picking his nails - tried to stalk him but he vanished - Some Manyema think that their buried rise as Sokos - one was killed with holes in his ears as if he had been a man - [] He is very strong - fears guns but not spears -

The Heathen Philosophers were content with mere guesses at the future of the Soul - The elder prophets were content with the Divine support in life and in death - The later prophets advance further as Isaiah - Thy dead men shall live together with my dead body shall they arise - awake and sing ye that dwell in the dust for thy dew is as the dew of herbs the earth also shall cast out her dead" This taken with the sublime spectacle of Hades in the XIV chap seems a forecast of the future but Jesus instructed Mary and her sister and Lazarus & Martha without hesitation spoke of the resurrection at the last day as a familiar doctrine far in advance of its Mosaic law in which she h[she had] been reared

[XXVII] XXVII [6

- Ikwenu alumwa = Lualaba salutation
- a ko sema iamwu Manyema Do to men
- Doshanga kakaka Do to women

Monyungo chief was sent for five years among the Watuta to learn their language and ways - He sent his two sons and a daughter to Zanzibar to school Kills many of his people says they are so bad if not killed they would murder strangers - Unruly ordered some of them to give their huts to Muhamad refusing he put fire to them & they soon called out let them alone we will retire - He dresses like Arabs has ten loaded guns at his sitting place four pistols - two swords several spears and a two bundles of the Batuta spears - laments that his [] father filed his [] teeth when [] he was young

The names of his very numerous people is Bawungu country Wungu = his other names are Iranga - Mohamu

[XXVIII]

XXVIII

The Basango on the other hand consider their chief as a deity and fear to say aught wrong lest he should hear them = They fear both before him & when out of sight = The Father of []Merere never drank pombe or beer and assigned as a reason that a great man who had charge of people's lives should never become intoxicated so as to do evil = Bange he never smoked but in council smelled at a bunch of it in order to make his people believe it had great effect on him - - Merere drinks pombe freely but never uses Bange - He alone kills sheep - He is a lover of mutton - and beef but neither goats nor fowls are touched by him

9 th Nov^r 1870 sent to Lohombo for dura and planted some Nyumbo - I long excessively to be away and finish any work by the two Lacustr Lacustrine rivers Lualaba of Young and Webb but wait only for Syde & Dugumbe who may have letters and as I do not intend to return

[XXIX] XXIX

hither but go through Karagwe homewards [7

I should miss them altogether - I groan and am in bitterness at the delay but thus it is - I pray for help to do what is right but sorely am I perplexed and grieved and mourn - I cannot give up making a complete work of the exploration

10th November 1870 a party of Katombas men arrived on their way to Ujiji for carriers - they report that a foray was met S W of Mamohela to recover four guns which were captured from Katomba and his people killed when last here - Three were recovered and ten of the Arab party slain The people of Manyema fought very fiercly with arrows and not till many were killed and others mutilated would they give up the guns - They probably expected this foray and intended to fight to the last

[XXX] XXX -

They had not gone in search of ivory while this was enacting consequently Muhamads men have got the start of them completely by going along Lualaba to Kasongo's and then along the western verge of the Metamba or forest to Loinde or Rindi R -The last men sent took to fighting instead of trading and returned empty - The experience gained thus and at the South West will probably lead them to conclude that the Manyema are not to be shot down without reasonable cause They have sown rice and maize at Mamohela but cannot trade now where they got so much ivory before - Free men were killed at Rindi or Loinde and one escaped The reason of this outbreak by men who have been so peaceable is not divulged but anyone seeing the wholesale plunder to which the houses & gardens were subject can easily guess the rest

[XXXI]

XXXI

Mamohela camp had several times been [8]

set on fire at night by the tribes which suffered assault but did not effect all that was intended - The Arabs say that the Manyema now understand that every gunshot does not kill - The next thing they will learn will be to grapple in close quarters in the forest where their spears will outmatch the guns in the hands of slaves - It will follow too that no one will be able to pass through this country - this is the usual course of Suaheli trading - It is murder and plunder and each slave as he rises in his owners favour is eager to shew himself a mighty man of valour by cold blooded killing of their country men If they can kill a fellow nigger their pride boils up The conscience is not enlightened enough to cause un--easiness and Moslemism gives less than the light of nature - I am grievously tired of living here.

[XXXII] XXXII

Muhamad is as kind as he can be but to sit idle or give up before I finish my work are both intolerable I cannot bear either yet am forced to remain by want of people - Merciful Father Help me

 $11^{\frac{th}{n}}$ Nov^r Wrote to Muhamad bin Saleh at Ujiji for letters and medicines to be sent in a box of china tea which is half empty - If he cannot get carriers for the long box itself - then he is to send these the articles of which I stand in greatest need -

Friends of a boy captured at Monanyembe brought three goats to redeem him - He is sick and emaciated - one goat was rejected - The boy cried tears when he saw his grandmother and the father too when his goat was rejected "

So I returned and considered all the oppressions that are done under the Sun - and behold the tears of such as were were oppressed and they had

[XXXIII]

XXXIII

'no comforter, and on the side of their oppression' [9

'there was power but they had no comforter'" Ecc IV-I the relations were told either to bring the goat or let the boy die - This was hard hearted - at Mamohela

ten goats are demanded for a captive & given too Here three are demanded "

He that is higher than the "highest regardeth, and there be higher than they" "marvel not at the matter

,,

I did not write to the coast for I suspect that the Lewale Syde bin Salem Buraschad destroys my letters in order to quash the affair of robbery by his man Saloom he kept the other thief Kamaals by him for the same purpose - Muhamad writes to Bin Saleh to say that I am here & well - that I sent a large packet of letters in June/69 - with money received no answer - nor my box from Unyembe and this is to be communicated to the consul by a friend at Zanzibar - If I wrote it would only be to be burned This is as far as I can see at present

[XXXIV]

XXXIV.

The friend who will communicate with the consul is Muhamad bin Abdullah the Wuzeer Seyd Suleiman is the lewale of Governor of Zanzibar Suleiman bin Ali or Sheikh Suleiman the Secretary

The Mamohela horde is becoming terrified Every party going to trade has lost three or four men and the last foray lost ten and saw that the Manyema can fight - They will soon refuse to go among those whom they have forced to be enemies - one of the Bazula invited a man to with him to buy ivory - when well in among Zulas he asked if his gun killed men and how - He was shewn a bale and powder and stabbed his informant dead no one knows the reason of this but the man probably lost some of his relations else where - This is called murder without cause

[XXXV]

XXXV.

When Syde and Dugumbe come I hope to [10

get men and a canoe to finish my work among those who have not been abused by Ujijians and still retain their natural kindliness of disposition None of the people are ferocious without cause, and the sore experience which they gain from slaves with guns in their hands usually ends in sullen hatred of all strangers the education of the world is a terrible one and it has come down with relentless rigour on Africa from the most remote times - What the African will become after the awfully hard lesson is learned is among the future devel opments of Providence - When He who is higher than the highest accomplishes his purposes This will be a wonderful country and again something like what it was of old - When Zerah and Tirhaka flourished & were great

[XXXVI]

The soil of Manyema is clayey and [XXXVI remarkably fertile - The maize sown for it rushes up to seed and everything is in rank profusion if only it be kept clear of weeds - Bambarre people are indifferent cultivators planting maize Bananas & plantains and groundnuts only No dura a little cassava - no perisetum or meleda - pumpkins melons Nyumbo though they all flourish in other districts a few sweet potatoes appear but elsewhere all these nature grains and roots are abundant and cheap - No one would choose this as a residence except for the sake of Moenekuss & The people are honest never steal though stolen from by our people as Simon and Amoda of my party and others of Muhamad's

[XXXVII]

XXXVII

Oil is very dear while at Lualaba a [11]

gallon may be got for a single string of beads and beans ground nuts - cassava maize plantains in rank profusion The Balegga like the Bambarre people trust chiefly to Plantains and ground nuts - To play with parrots is their great amusement -

 $13^{\underline{\text{th}}}$ Nov^{$\underline{\text{r}}$} 1870 - The men sent over to Lohombo about 30 miles off got two and a half loads of dura for a small goat - but the people were unwilling to trade - "If we encourage Arabs to trade they will come and kill us with their guns" so they said and it is true - The slaves are overbearing

and when this is resented then slaughter ensues. Got some sweet plaintains and a little oil which is useful in cooking and with salt as butter on bread - but all were unwilling to trade -

Monangoi was over near Lohombo and heard of a large trading party coming and not far off, This may be Syde & Dugumbe but reports are often false

[XXXVIII]

XXXVIII

When Katomba's men were on the late foray they were completely overpowered & compelled by the Man -yema to lay down their guns and powder horns on pain of being instantly despatched by bowshot - they were mostly slaves who could only draw the trigger & make a noise Katomba had to rouse and all the Arabs who could shoot and when they came they killed many and gained the lost day - The Manyema did not kill anyone who laid down his gun & powder horn This is the beginning of an end which was easily percieved when it became not a trading but a murdering horde of savages and when wherever invited by old feuds in order to get goats and then sell the captives back for ten goats each Buceros cristata - screams & picks at his tail till he discharges the contents of his bowel Then leaves him - It is called "play" by the natives and in the Suaheli "Utane" or

[XXXIX] [XXXIX]

Msaha - fun or wit. He follows other birds in the same [12 $\,$

merciless way - screaming & pecking to produce purging Manyema call it "Mambambwa" - The Buffalo bird warns its big friend of danger - calling <u>Chāchāchā</u> Rhinocers birds calls out Tyetyetye tye for same purpose - Manyema call Buffalo bird "Mojela" Suahel "Chassa"

a climbing plant is known in Africa as ntulung-[-ope] which mixed with flour of dura kills mice They swarm in our camp and destroy everything but Ntulungope is not near this

The foray above mentioned was undertaken by Katomba for twenty goats from Kassessa! Ten men lost for twenty goats but they will think twice before they try another foray one dollar a day is ample for provisions for a large family at Zanzibar - What nice flesh of goats or ox fowls - bananas milk butter - sugar eggs bazarre mangoes - potatoes

[XL]

XL.

Ambergris is boiled in milk and sugar and used by the Hindoos as a means of increasing blood in their systems - a small quantity is a dose Ambergris is found along the shore of the sea at Barawa or Brava and at Madagascar as if the sperm whate Changoi got rid of it while alive - Lamos or Amu is wealthy and well supplied with everything as grapes peaches wheat cattle camels &c - The trade is chiefly with Madagascar - The houses are richly furnished with furniture dishes from India - At Garaganza there are hundreds of Arab traders there too all fruits abound and the climate is healthy - from its elevation Why cannot we missionaries imitate these Arabs in living on heights?

[XLI]

XLI Copy

Manyuema country 180 miles say [13] West of Ujiji 15 Nov 1870

The Right Honourable Lord Stanley

My Lord As soon as I recovered suffi-ciently to be able to march from Ujiji I went up Tanganyika about 60 miles and thence struck away N W into the country of the Manyuema or Manyema - the reputed cannibals - My object was to follow down the central line of drainage of the great Nile valley which I had seen passing through the great Lake Bangweolo and changing its name from Chambeze to Luapula - then on passing through Lake Moero assuming the name Lualaba and becoming itself a great Riverein Lake at first eight to ten miles broad with several

inhabited islands in it, and then holding a breadth of from two to six miles as far as it is known I soon found myself in the large bend which this great Lacustrine River makes by going West and

[XLII] XLII

then turning away to the North - Two hours were the utmost I could accomplish in a day, but by persever ing I gained strength and came up with the trading party of Muhamad Bogharib who by native medicines and carrying me saved my life in my late severe illness in Marungu Two days before we arrived at Bambarre the residence of the most influential Manyema chief called Moenekuss we met a band of Ujijian traders carrying 18000 lbs weight of ivory bought in this new field for a mere trifle in t[h]hick copper bracelets and beads The traders had been obliged to employ their slaves to collect the ivory and slaves with guns in their hands are often no better than Demons - We heard but one side of the story - The slave version and such as would have appeared in the Newspaper if they had one - "The Manyema were bad - they were always in the wrong - wanted to eat the slaves and always gave them just occasion to capture people goats sheep fowls and grain -

[XLIII]

XLIII

The masters did not quite approve of this but the [14

deeds were done and then masters and men joined in one chorus "The Manyema are bad bad bad very bad["] - In going West of Bambarre I followed the Luamo a river of from 100 to 250 yards broad which rises in the mountains opposite Ujiji and flows across the great bend when near its confluence I was among people who had been maltreated by the slaves and they naturally looked on one as if of the same tribe with their persecutors Africans are not unreasonable though though smarting under wrongs if you can fairly make them understand your claim to innocence and do not appear as having your "back up" The women here were particularly outspoken in asserting our identity with the cr[ue]uel strangers - on calling to one vociferous lady who gave me the head traders name, just to look if he and I were of the same colour she refused with a bitter little laugh "Then you

must be his brother" The worst the men did

[XLIV] to XLIV

to us was to turn out in force armed with their large spears & wooden shields and shew us out of their districts - Glad that no collision took place we [returned]returned to Bambarre and then with our [friend]friend Muhamad struck away due North he to buy ivory and I to reach another part of the Lualaba and buy a canoe -

The country is extremely beautiful but difficult to travel over The mountains of light grey granite stand like islands in Now Red sandstone and mountain and valley are all clad in a mantle of different shades of green The vegetation is indescribably rank through the grass if grass it can be called which is over half an inch in diameter in the stalk and from ten to twelve feet high nothing but elephants can walk The leaves of this Megatherium grass are armed with minute spikes which as we worm our way along elephants walks rub disagreably on the side of the face where the

[XLV] XLV

the gun is held and the hand is made sore by [15

fending it off for hours the other side for hours - The Rains were fairly set in by November and in the morning or after a shower these leaves were loaded with moisture which wet us [to]to [the]the bone - The valleys are deeply undulating and in each innumerable dells have to be crossed There may be only a thread of water on the bottom but the mud mire or Scotticé "glaur" is grievous - thirty or forty yards of the path on each side of the stream are worked by the feet of passengers into an adhesive [compound] compound - By placing a foot on each side of the narrow footway one may waddle a little way along but the rank crop of grass gingers & bushes cannot spare the few inches required for the side of the foot and [down]down he comes into the mire - The path often runs along the [bed]bed of the rivulet for 60 or more yards

[XLVI] XLVI

as if he who first cut it out went that distance seek[ing]ing a part of the [forest]forest less dense than the rest

for his axe In other cases the "Muale palm" from which here as in Madagascar grass cloth is woven and called by the same name "Lamba" has taken possession of a valley - the leaf stalks as thick as a [s]strong mans arm fall off and block up all passage save by a path made and mixed up by the feet of elephants and buffaloes The slough therein is groan compelling and deep Every now & then the traders with rueful [faces] faces stand panting The sweat trickles down my face, and I suppose I look as grim as they though I express a hope that good prices will reward them for as the coast for ivory obtained with so much toil - In some cases the subsoil has given way beneath the elephants enormous weight - The hole is filled with mud and one taking it all to be about calf deep

[XLVII] XLVII

steps in to the top of the thigh and [flaps] flaps on to a [16 $\,$

seat, soft enough, but not luxurious - a merry laugh relaxes the facial muscles and I conjecture that this gruesome fun is all I shall ever get for the explorations Some of the [numerous]numerous [rivers]rivers which in this region flow into Lualaba are covered with living vegetable bridges - a species of dark [glossy]glossy grass with its roots and leaves is the chief agent in felting into a mat that covers the [whole] whole stream When stepped upon it yields twelve or fifteen inches and that amount of water [rises]rises on the leg - At every step the foot has to be lifted high enough to place it on the unbent mass in front and this fatigues like walking on deep snow - Here & there holes appear which we could not sound with a stick six feet long - They gave the impression that any where one might plump through and finish the chapter - Where the water is

$\begin{array}{c} [XLVIII] \\ X \overline{\lor} [L] VIII \end{array}$

is [sha]shallow The Lotus or sacred Lilly sends it roots to the bottom and spreads it broad leaves over the floating bridge so as to make believe that the mat is its crown but the grass referred to is the real supporting agent -

Between each district of Manyema broad belts of the primeval forest still stand - Into

these the sun though vertical cannot penetrate except by sending down [^] [at Midday] thin pencils of rays into the gloom - The rain water stands for months in stagnant pools made by elephants feet and the dead leaves decay on the damp soil and make the water of the numerous rills & rivulets of the colour of strong tea - The climbing plants from the size of [whip]whipcord to that of a man of wars haw[sers]sers are so many the ancient path is the only passage When one of the giant trees falls across the road it [makes]makes a [wall]wall

[XLIX] XLIX

breast high to be climbed over - and the mass [17]

of tangled climbers brought down makes cutting a path round it a work of time which travellers never undertake The shelter from the sun of the Forest makes it pleasant but the roots of trees high out of the soil across the path keep the eyes constantly looking down and a good shot gun does no harm to parrots or quince fowls on their tops - I have heard gorillahs here called Sokos prowling within fifty yards without getting a glimpse of them - Their call to each other resem bles that of a Tom cat not so loud or far reaching as that of the peacocks - When in flight they give tongue not unlike fox hounds - His nest is a poor contrivance resembling that of our cushat dove Here he sits in pelting rain with his hands on his head - The natives call it his house and laugh at him for being such a fool as after building it not to go beneath it for shelter - Bad water and frequent wettings

[L] L.

told on us all by choleraic symptoms & loss of flesh - Meanwhile the news of cheap ivory caused a sort Californian gold fever at Ujiji It prevented me from getting any carriers save the worthless liberated slaves who by thieving lying and fornication[cowardice] have been a perpetual annoyance during all this Journey - The traders eager to secure all the Pagazi or carriers spread the report that I would go away to my own country and leave them as Speke did his as Suez - We were now overtaken by a horde [^] [from Ujiji] numbering 600 muskets

all eager for ivory The elephant tusks had been left to rot with the other bones in the interminable forests where the animals were killed - The natives knew where they had been left and if treated civilly readily brought the precious teeth many half rotten or gnawed

[LI]LIby the teeth of a rodent animal to sharpen his [18] teeth as London rats do on leaden pipes - I had already in this Journey two severe lessons that travelling in an unhealthy climate in the rainy season was killing work and besides being unwilling to bear company with the new comers I feared that any present weakness [^] [by further exposure] might result in something worse went back seven days and on the 7th February last went into winter quarters at a camp formed by the heads of men as civil and kind as I could wish - a letter obtained from the Sultan of Zanzibar through the kind offices of Sir Bartle Frere has been of immense service to me with most of his subjects - I had no medicine - some though sent for twice had been unaccountably detained at Unyembe by the Arab Lewale or governor Two English guns in the box are surely not

[LII] LII.

not too much for his virtue - Rest - boiling all the water Series of calculations, rotated ninety degrees, over which, it appears, Livingstone then wrote the main narrative text of the diary. I used and a new species of potato famed among the natives as a restorative soon put me to rights again The rains continued into July and 58 inches fell The mud from the clayey soil was awful and laid up some of the strongest in spite of their intense eagerness for ivory I lost no time after it was feasible to travel in preparing to go North but my attendants were fed and lodged by the slave women whose husbands were away from the camp on trade and pretended to fear going into a canoe I consented to refrain from buying one - They then feared the people though the inhabitants were reported by the slaves to be remarkably frienvly elsewhere I could get the country people to carry from village to village and was comparatively independent

[LIII] LIII.

when as happened with some they deserted [19]

into the arms of prostitutes six times over - But in Manyema no one can be induced to go into the next district for fear they say of being killed & eaten - I was at their mercy and entreaty was answered by calling when out of sight "who will carry his things" and a loud laugh to make me hear - The head Arabs remonstrated and they literally trembled and consented to go anywhere but on find that no compulsion was to be used refused again - When I had gone with my only three attendants I could not regret the absence of the rest for three of them had previously gone unknown to me to a slave war and came back boasting that they had killed four of the people whose kindness to us had touched my heart and nothing could exceed the eagerness with which uninvited they ran off to help to enslave their countrymen

[LIV] LIV

nothing but danger would have deterred them from slavehunting and here there is none for the report of gun makes the Manyema flee in terror On no account would I have brought them here but I suspected that my letters to the coast for other men had been destroyed and I had a sore longing to finish my work and retire - The country to the North is even more difficult than that I have described for except a broad belt of Buga or Prairies along the right bank of the Lualaba it is all forest saving the clearing round each village - and these are ten miles apart - The rivers and rivulets are innumer able I crossed fourteen in one day from knee to thigh deep - Muhamads party was five hours in crossing one in flood - a man in a small canoe went sounding among

[LV [v.1]] LV.

[20]

the trees to find where it was breast deep In another case they were two hours in a river from breast to neck deep and they saw nothing but gloomy forest - though they went

near to what the Balegga call uerere or lower Tanganyika named by its discoverer Albert Nyanza For the first time in my life my feet failed - When torn by rough travel instead of healing kindly as heretofore an irritable eating ulcer fastened on each foot and laid me up for five months - these are common here and slaves whose wailing may be heard the whol[...] night long are often killed by them - I have been minute even to triviality that your Lordship may have some idea of the obstacles to progress in this region exploration is only possible by canoes and as soon as I get men who have been taught to work four or five months will

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\label{eq:condition} \begin{split} &[LV\ [v.2]] \\ &[LV\ ] \ \text{finish all I have to do - What remains} \\ &\text{to be accomplished may be understood} \\ &\text{by the following -} \end{split}
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[LVI]

LVI continuation of a Despatch to Lord Stanley [21

This great Lacustrine river which I call Webb's Lualaba is only one of [three]three each of which [having]having th[e]e [same]same native [name]name [requires]requires an [English] English [epithet] epithet to dis[ting] tinguish it The [river]river Lufira [rises]rises in a fount[ain]ain South West of this which [I]I would fain [call]call Bartle Frere's fountain and [th]th[...] When it becomes very large it is called Lualaba West of this one [again]again another great [river]river beg[ins]ins [in]in [a]a fountain and from [its]its [source] source down [its]its [only] only native name is Lualaba - I wish to add Young's Youngs Lualaba and Bartle Frere's Lualaba unite and form a Lake the native name of which is Chibungo but I am fain to call it Lake Lincoln - Looking back from this to the full [grown]grown gushing fountains not more

[LVII] LVII

[more]more than [ten]ten miles apart The largest of these fountains at which a man cannot be seen on the other side is the source of the Liambai or upper Zambesi this

I name after good Lord Palmerston
Near it rises the Lunga which further
down is called Luenge and still further
off Kafue or Kafuge - I would name it
Oswell Fountain These four fountains
gushing forth so near to each other
and forming great rivers are probably the
unfathomable springs of the Nile men
-tioned to Herodotus by the secretary[retary] of
Minerva in the city[city] of Sais[Sais] from[from] which

[LVIII] LVIII

 $[\dots]$ half the water flowed" = from Youngs and [22]

Bartle Frere's fountains = "Northward into Egypt" - and the other half = "from Palmerstons and Oswell fountains = "into Inner Ethiopia" I heard of this remarkable mound & fountains some 200 miles distant on the South West - again on the South East 150 miles off - again on the North East 180 miles distant and now on the N.N.E. many intelligent Arabs who have visited the spot give the very same information as having excited their admiration as much as it that of the natives - I have ventured to give name by anticipation - I shall write no [...]-[other] letter till I have either succeeded or fallen - The names of Palmerston Lincoln & Frere I wish to honour as of men who have done more

[LIX] LIX

for the abolition of the slave trade & slavery than any of their cotemporaries - The great and good man Palmerston and Lincoln are no longer among us, and I desire to place, as it were my poor little garland of love on their tombs.

By degrees the conviction has crept across my mind that all we moderns can fairly do in in common modesty claim is is the rediscovery of the sources of the Nile which had sunk into oblivion somewhat like the circumnavigation of Africa by the Phoenician Admiral of one of the Pharoahs about B C 600 He was not believed because he reported having the sun on his right hand in passing round Libya This stamps the tale of the Admiral to us as genuine By placing the fountains of the river of Egypt between

[LX] [LX]

geography from men who had visited this very [23

region By making the water collect into two or three large Lacustrine rivers - Extant speci--mens of those which in prehistoric times abounded in Africa and in the south are still called "melapo" - in the North Wady's both words meaning the same thing = river beds where no water ever now flows, he did what no mere theorist would dream of doing Ptolemys predecessors were probably the real collectors of the facts he made use of and the former explorers must have travelled extensively Had I left at the end of two years I could have given little more light on the country than the Portuguese who in their three slaving visits to Cazembe asked for slaves & ivory alone and heard of nothing else - I enquired about the waters till ashamed and almost afraid of being put down as affected with Hydrocephalus - I had to feel my way and every step of the way, and

[LXI] LXI

was generally groping in the dark for who cared were the rivers ran - Many a wary foot I trod ere I gained a clear idea of the drainage which flows from the watershed in 10°12° South on which stand Ptolemys mountains of the moon - The length of this watershed is between 700 & 800 miles from West to East - Here the fountains of the Nile do unquestionably arise - The mountains on it are between 600 & 700 feet above the sea The idea of melting snow is if I remember rightly is not Ptolemy's Kenia & Kilimanjaro are said to be snow capped but no one even reached the snow - They send no water to any part of the Nile and never could have been meant by the correct ancient explorers

I would fain crave your Lordships approbation of my labours but the supernumerary undersecretary Murrays impertinent letter forbids any Gov^t from allowing me any claim no matter what services I may render