Extract from some of Douglas notes at Hoka under Leary's Pass

Just his

Herten off the quin

Wellington Club Wellington 16/10/44

Dear Newton,

I was glad to hear from you, and hope that you are as fit as I am - I couldn't wish you anything better!

I don't know how we stand as to age - I am well on in my 80th year and "still going strong" Ism thankful to say.

Since getting your letter I have gone through my old diaries of the time I was with Charlie Douglas - here are some points which may help you.

Douglas began traversing in 1873 up the Paringa. That is, he used a prismatic compass, chain, aneroid etc and carried out (as we did in '93,'94, & '95) what we called a "step traverse".

Ist we made measured a base-line of ram from 20 to 360 chains (according to space available) and "tied" to either a low country trig.-or fixed, by observation, to 4 or 5 trignometrical fixed peaks. From this we carried our traverse. Incidentally when I explored the Karangaroa in 94/95 the first place where I could get a base-line was at the head of the river - so I had to fix my base-line at the end of my traverse, imstead of at the start. Our traverses were not chained - country too roughthey were "stepped" or estimated, but checked by ask a systematic compass triangulation. The result was as "near as dammit" and quite good enough for such rough country.

Douglas began doing this in I873 and until I879 his work was unofficial, but used thankfully by Roberts - I dont' think the got any pay for this. But in I879 he was officially classed was "Explorer" at 8/2- a day -as I was in I893. He did no alpine work - had no experience of snow and ice, that was why I was asked to join him in I893.

Mueller went up Arawata in Jan/Febry 1885 - by

""last year's exploration" he is referring to Douglas's reconnais
"" ance survey of 1883/4. The map published with Mueller's report

"" o is Douglas's. Mueller couldn't do much, if any, survey work in the

"" Extime he was in the valley.

"" He went under Douglas's leadership, and therefore

"" had all the previous season's tracks available. From my old

"" diaries I find that Douglas named Lydia, The Ark etc in the Arawata

diaries I find that Douglas named Lydia, The Ark etc in the Arawate and fixed their positions from the river".

In my statement N.Z.A.J.No6 "1884" would refer to

the summer ofX84/86X 83/84.

Douglas was a "lone" worker. Except Harry Cuttance he never had a reliable mate until he got me - He often regretted that we had not come together earlier. He was, of course, a "sahib" well-born & well educated - very well read.

He was a couteous gentleman of the old school in the truest sense of the word and had a good deal of contempt for some of the men officially above him in the Department - who got the credit which should have been sakeyxkisk wholly his.

He was most puntillions about that sort of thing himself - for instance when Roberts asked him to sign my report &

Copheirie 6. June of la Hour of Representation 1555

It with me 2 / 2 July hard climbing to get the lof of Jonia. The refer had to be und again & again tolk in ascending of decembing, and for well wigh half a mile step had the ew with the fegen sum toget forting, but he house I excurtion were well repaid. I could will have had fine design for observing.

That is man Jonia person the law we sailable freak thousand 
Bros ho mortal will our ascend the lof of. Doth Carin o Ciliain, if precliable wall, an very official to climb and I will thead in to low, hering most of the back county and off from view of the ligh Jim Fringer range."

N. 2. A. 5. 1831 W. Jonica 1st ascent. Gerhand Mueller 18551932 Corneled L. Gerhant
1833 "Delete record & Substitute "15" ascent. C. E. Douglas 1855.
? 1884 see pt. 166.

In 1944 after an Juntain 728 luing much to 20, I laid to unawell the langle of Durylor gris arcent of the Junia & Mucha clanic after fathering befollow all the information I heald got; see lighted beller francis in, I habit. Heaper. This left is fasted on to office frage. It makes grite clear, the Durylor had been after Arcanotta his season. Vefore Muchles of his he was to facion to Mucha frait. It does not defined the Stay of the letter list Durylor head cluebes he! I make in 1853/4 her the Make that were of Heaper make it clear that Durylor had.