Easter Sunday April 17

Off by about 8, walking down to Ali's pasture, & there finding a new donkey. He stumbled a good deal, but I got in to Cairo about 10 ½ after one slip down of the beast in the mud caused by street watering; for the gov^t here have arrived at that stage, but stop short of any cleaning or scavenging, hence the water makes it worse than before. Got letter <postcard> & paper at post, & am vexed to find that a journal & some letters to be forwarded have all gone astray; I sent them by the most suitable messenger that Ali could find; because such urgent remonstrances had come, when I once did not try this before, when I could not go to post myself. I did not like trusting A any of the natives with what had cost me several hours, & was my only record of some things; & it does not do to be written any more than talked out of one's convictions. I must try & reconstruct the packet if possible, but I have only a note of "writing letters" at that date; one was to M^{IS} Benest I know, & I think another to M^I Hall, & what else I do not remember, except a special injunction to send money by P.O.O. instead of Bank. I think I have kept up posting very regularly, considering that I have to give up a whole day & go 17 miles, for every letter I send; it is very different to being able to send it to a neighbouring pillar box. I once tried getting letters by giving an order, but they were never ful fetched at all from the office. Even if a messenger is successful one pays far more for sending entrusting a letter to any one going to Cairo than for posting to England. After looking over letter, went to the American Mission. There if found Dr Cuyler

Easter Junday April 17 off by about of walking your to this parture, other finding a new downey. He strendled a good deal feet Igst in to Tains about 70 i after our slip one of the heast in the news coursed by street watering; for the jovcleaning or scarcing , hence the water makes it worse than before. for letter of aper at post, I am vessed to freed that a journal & some letters to be forwarded have all fore acting; I sent them by thrust sentable messenger that the will find, because such angent remountrances had come, when I on a did not by the before, when I would not go bopost angelf. I did not like touting it any of the natives with whather cost we seved hours, Kwas my only record of some things: & it does not do to be written any more than talked out fore's convictions. hust try & records the parket if possible, but I have only a note prosting letters" at that date; one was to his severt There, &) think another to her Hall suchatable for ust nemember, exapt a special injunction traced money by \$.0.0. instead Mank. Ithink Have beft up porting very negative, consider that there type up a which day & go 17 miles, for every letter Isand; it is my rifferent their able trend it to a neigh bouring filler box. Touce tried getting letters by but they were never pet fetal at all fa menengy is mecenful ou pay larmore for exchang cultiviting a letter to any our going to went the American burning. Herre Hound D Cuyler

whom we know so well by name, the took the terrice. I afrain I did not appreciate this much asterned preacher butting shouting in a smallight very celosing chapel; his want formulation , Xayument. his babet furtinote juddenly awohn to the fact that he was grating when the rhything cough! therar, & then wondered how for back he began it. of the unhappy distribution of his arms, are points towhich ? suffer his American admires are more in ared than Lam. Dr frant slipped in about the beginning of the service & sat of Joo worthing that he or long, were at all euraptured. They asked me blunch, & them I saw her wilson again, who is staying there: they thanked are would for altending to thepay gettinay. I had a to be the 5th on end feutrame pany in He showed we dixons d'agram again which horished tisse for some Discrip neis between the XCBS. It patient called that much a long shat that that bleave without seeing him you promised town out on but or Thur ; he regested a day at rel-el- Yabondiele, but I said thought it was too lest; her f. backed me up surjey that the or was always hereked up with that Excurring having tight of his downley & he on the ground; I he afterward spike as no astonishing thing of having to get som, I actually round wing to engestion from hear often zee . Tout want there him knowled aff on my hands again. Sloft thin & porter letters, but importunately that I had belown the nysterdatter dendit; however all refer to burst get at west time. On wrining out I

whom we know so well by name, & who took the service; I am afraid I did not appreciate this much a/<e>steemed preacher, but his shouting <& prodigious thumping> in a small<ish>& very echoing chapel; his want

of method, formulation, & argument; his habit of introducing long poetical quotations without any warning, so that you suddenly awoke to the fact that he was quoting when the rhythm caught the ear, & then wondered how far back he began it; & the unhappy distribution of his arms; are points to which I suppose his American audiences are more inured than I am. D^r Grant slipped in about the beginning of the sermon & sat by me, & I do not think that he or M^{IS} G. were at all enraptured. They asked me to lunch, & there I saw M^r Wilson again, who is staying there: they thanked me much for attending to the party yesterday. I had to talk to the D^r on end of entrance passage &c. He shewed me Dixons diagram again which I wished to see for some discrepancies between me & C.P.S. A patient called & had such a long chat that I had to leave without seeing him again, but he promised to come out on Wedn or Thursd; he suggested a day at Tel-el-Yahoudieh, but I said I thought it was too hot; M^{rs} G. backed me up, saying that the Dr was always knocked up with that excursion, having to get off his donkey & lie on the ground; & he afterwards spoke as no astonishing thing of having to get down, & actually vomit owing to congestion from heat of the sun. I don't want to have him knocked up on my hands again. I left then & posted letters, but unfortunately forgot that I had to claim the registered letter of credit; however it is all safe, <as I received a notification of its awaiting me.>, & I must get it next time. On coming out I

found all the oranges gove at the bride, so filed of with 3 doz cumber, averaging 46 tod, & at several outher way. Uhm after suffer de, with this stated about 11's, how the time has gone I don't hum. by douby fell about fisch, x so swalled abit, the remounts, but he went down again about a with xahale from here, so healthed in ; huntamen any priends thatil'is not that Jam be coming so Ortonian in together that no beast is up true weight, for los not think that tree on extra halfinch even in clothing. monday 18 April found that I had a countrable some throat so took a long morning in bed. Then up, slooked over a dozen It to orso of Alexandrian wher of Alis; were mainly Aunch ". tusting wave. Then considering about levelling staff to do the hard of to sutrance with Do growt; there are several nearons Shy our arrayed one is unquitable; mainly because the highet required one a little byond its length, so Ishall seven up a nigid one of arbitrary buyth, & strington lind visions. Hem out to to measure touts, but found I would seemedy do ongthing, being quit some up with my thereat, & a high cool wind olowing . did one tout, or then when at the place where the houseum authorities are excurating. They have une overed a fine but unfinited tout polich Tapied all the inscriptions; it is of Kanofera, whis wife Aset ka. I shall probably copy seed turn with this. It is probably of 4th Questy, certainly ofter 2, xforobably after 12. Then home

found all the oranges gone at the bridge, so filled up with 3 doz cucumbers, averaging ¼ lb each <for 7^d ½>, & ate several on the way. Then after supper &c, wrote this & to bed about 11 ½, how the time has gone I don't know. My donkey fell about Gizeh, & so I walked a bit, & then remounted, but he went down again about a mile & a half from here, so I walked in; I must assure my friends that it is not that I am becoming so Ortonian in weight <size> that no beast is up to my weight, for I do not think that I need <even> an extra half inch even in clothing.

Monday 18 April

Found that I had a considerable sore throat. so took a long morning in bed. Then up, & looked over a dozen tbs or so of Alexandrian copper of Ali's; more mainly Aurelian, & nothing rare. Then considering about levelling staff to do the level up to entrance with Dr Grant; there are several reasons why our arranged one is unsuitable, mainly because the heights required are a little beyond its length, so I shall screw up a rigid one of arbitrary length, & estimate on 1 inch divisions. Then out to to measure tomb, but found I could scarcely do anything, being quite done up with my throat, & a high cool wind blowing: did one tomb, & then looked at the place where the Museum authorities are excavating. They have uncovered a fine but unfinished tomb of which I copied all the inscriptions; it is of Kanofera, & his wife Asetka. I shall probably copy & send them with this. It is probably of 4th dynasty, certainly after Δ^2 , & probably after Δ^3 . Then home

L'had suffer. Rework journal of march 14-23 from men fortunately that noted each day just a few word on the leaf of a calcular, as I constitues wants to refer back to a Day after journal has been sent, rothis gives just a reminder. Um with this the about 11. Denfor about is up. mesday 19 April. Morastatill very some, but it is only glandular affair on one side high up, that what we all goes to the chest. Not up carly in consequence. Whiel uscription fair, & then out in afternoon to note betail, of walls round & golinile that fixed therecessary points before. Then had another both at the toute I when yesterday, & notes character offaces. Then home to supper. Throat better somewhat, borde let Loftie, & this, Ato bed wednesday to April throatworse sore all round, fortun it is light up just at back prometh, but so out I swollen I can Scurely wallow. It of Theory a heart, &a stray what voice said "a master here with letter from North fran to up I Jumped, & a strange gentlemen handed in a letter Which the Dr had sent forcommenting who compren, alum garyly or very hinty thingh that kentinely not seemed to ask when I vintroducing We Pitcher formerly & Kapunda him the afterwoon, I went hack to bed the to A. Often a while lest up, has as much food as Iwell mange, other out.

& had supper. Rewrote journal of March 14-23 from memory; fortunately I had noted each day just a few words on the leaf of a calender, as I sometimes wanted to refer back to a day after journal had been sent, so this gives just a reminder. Then wrote this & to bed about 11. Temp^r about ½° up.

Tuesday 19 April.

Throat still very sore, but it is only a glandular affair on one side high up, & not what usually goes to the chest. Not up early in consequence. Copied inscription fair, & then out in afternoon to note details of walls round Δ^3 of which I had fixed the necessary points before. Then had another look at the tomb I copied yesterday, & noted chamber of faces. Then home to supper. Throat better somewhat. Wrote $M^{\text{\tiny L}}$ Loftie, & this, & to bed about $10 \frac{1}{2}$.

Wednesday 20 April

Throat worse, sore all round, fortunately it is high up just at back of mouth, but so red & swollen I can scarcely swallow. At 9 I heard a lurch, & a strange <Arab> voice said "A master here with letter from Doctor Gran"; so up I jumped, & a strange gentleman handed me a letter which the D^r had sent (recommending cold compress, alum gargle, &c very kindly, though I had purposely not seemed to ask for advice) & introducing M^r Pitcher formerly of Kapunda, whose name I knew immediately. So saying I hoped to see him this afternoon, I went back to bed & he to Δ . After a while I got up, had as much food as I could manage, & then out;

Hound him & there friends just coming out, have previously seen to the top. So I shewed him the casing, & told him about it; when he started of for spline; about there we our took one of the party saying he was rely one The supposed their would not: (many travelless stof short alice they come in sight oft, not liking the rough ground leading to it) or I said there was something pear better than Spline , what was the temple; so they went on twere much struck of interested in it. they at I moo, & Ithink theyould just out by the feeling of transting, I read in a foggy manuer all the afternoon. Hi broghber a bank of stone, glazed with cartonche of Ameneulat 3 or 4, of 12th Dynast; & after today I back to owner, whit for 5 frances. I know that we lefter will take it if I don't keep it. Then work this, Hober about 5 %, after some eggs veloculate. It is very for tweathly for are, 76° in touch truck more out I amost make outing who, have had such before a fell. I here. male in impression on it. Shell brahung little None taken (1th of 585), as he has always be polit & civil. On going to but formed tempor 10

I found him & three friends just coming out, have previously been to the top. So I shewed him the casing, & told him about it; & then he started off for Sphinx; about half there we overtook one of the party saying he was not going down to it & he supposed others would not: (many travellers stop short where they come in sight of it, not liking the rough ground leading to it) So I said there was something far better than Sphinx, & that was the temple; so they went on & were much struck & interested in it. They were in a hurry to get back to Cairo before the bridge opened at 1 or so, & I think they would just do it, by the time they started back. I went back to tomb, not feeling up to anything, & read in a foggy manner all the afternoon. Ali brought a hawk of stone, glazed, with cartouche of Amenemhat 3 or 4, of 12th Dynasty; & after taking it back to owner, got it for 5 francs. I know that M^r Loftie will take it, if I don't keep it. Then wrote this, & to bed about 5 ½, after some eggs & chocolate. It is very warm fortunately for me, 76° in tomb, & much more out. I cannot make out my cold, I never had such before; & Bell. & Merc. make no impression on it. Shekh Ibrahim's daughter is to be married to night, so I sent him one box of the little colored tapers (1 td of 565), as he has always been polite & civil. On going to bed found tempr 101°.7

Thered any 21 April Morat worse, up whow chredate xon Egg at I; I again group for chocolat vermant ally at 3. Leaper 1014 in aft. Fortunately there is a between at between 800 pgo. so getting up of boar voor spen is no dange. In even feeling very much down altyther Friday 22 spril. Zeens 101.9, So got up, har breakfass tentrife. Ali with a few lines asking any travellin Shohad room in his carriage to let we share it back to Cairo; for Iwas far two weak to jo on downey. I ferman speaking excellent Expish come down to tout to Lave a look at me, I said be should be happy ma; so I put a few things together, Expecting that I have tostil at I frants when Jones gotthere, the former going to Thing meanwhile. Then up to the carning where was a frenchman; & by obje the Common Is it in a little flap seal back thouses, the the former kindly wished me to take his seat; I he lenter umbrilla which was good for sun found. It was blowing a gale, but southerly & hot as before, so I will bear it. Un harvers broke down twice, but we got in at last; of the ferman would not where pay anythe for my sham, saying they had Engaged the man for Several days; he was most kind altogether. out when I gottum about 11., so I rested, being rather

Thursday 21 April

Throat worse, up & had chocolate & an egg at 8; & again got up for chocolate & currant jelly at 3. Temp¹ 101.4 in aft. Fortunately there is a hot wind blowing at between 80° & 90°, so getting up & having the door open is no damage. In even feeling very much down altogether.

Friday 22 April

Temp 101.9, so got up, had breakfast <of chocol. & jelly> & sent up Ali with a few lines asking any traveller here who had room in his carriage to let me share it back to Cairo; for I was far too weak to go on donkey. A German speaking excellent English came down to tomb to have a look at me, & said he should be happy to take me; so I put a few things together, expecting that I might have to stop at Dr Grant's when I once got there, the German going to Sphinx meanwhile. Then up to the carriage where was a Frenchman; & by & bye the German came. I sat on a little flap seat back to horses, tho' the German kindly wished me to take his seat; & he lent me his umbrella which was good for sun & wind. It was blowing a gale, but southerly & hot as before, so I could bear it. The harness broke down twice, but we got in at last; & the German would not let me pay anything for my share, saying they had engaged the man for several days; he was most kind altogether. Dr G. was out when I got there about 11., so I rested, being rather

siche from miting bechward, just after a bot of clivitate via a greating hot seen. When he came in to Jimes, he sow we & Said it was Pharqueitin, with the coursday remark - Thank even throats a bad as that". Certain mener had rush, it seems like infection almost; favious inflame atterns the relieur & world specially, & all down to the Pormun but not a trace opinioning, in the wind pamages, blow on above; the glands all our the nech some Aswollen; & guite mable towallow aught but liquid, I some that with refliculty owing to the work catching, being rouble it night legth Has big as my letthe finger. It f. sentine the atonce, & at 3.0 hours 103.7; he gave me Pilo carpine huriat., hurist acid & Nepenthe, with Meringwater. I took the liberty Melving his dose, x diluting it; & by the Evening Swar Nouve to 700:3 . I felt anon artisfied in going hot for as that seen a well worn why Muddock on his table; & he professes himself an Eclectic, so one can say Shuton Where us theatment. It is very convenient there a roctor Who pottlesse has a Sanatorium, as our can therow onesely on his care, without a feeling of trespossing on The ordinary separants-work is some by trab wen who I carely herry a word of Suglish, but for personal westing there is a capital weat greet little ferriar main, who

sick from riding backwards, just after a lot of chocolate, & in a roasting hot sun. When he came in to dinner, he saw me & said it was Pharyngitis, with the consoling remark "I have seen throats as bad as that". Certainly I never had such, it seems like infection almost; furious inflammation of the velum & uvula specially, & all down to the Pomum, but not a trace of mischief in the wind passages, below or above; the glands all over the neck sore & swollen; & quite unable to swallow any hot but liquid, & even that with difficulty owing to the uvula catching, being double its right length & as bid/<g> as my little finger. Dr G. sent me to bed at once, & at 3.0 I was 103°.7; he gave me Pilocarpine Muriat., Muriat. acid, & Nepenthe, with Glycerin & water. I took the liberty of halving his dose, & diluting it; & by the evening I was down to 100°.3. I felt more satisfied in going to Dr G. as I had seen a well worn copy of Ruddock on his table; & he professes himself an Eclectic, so one can say what one likes as to treatment. It is very convenient to know a doctor who professes has a "Sanatorium", as one can throw oneself on his care, without a feeling of trespassing on him. The ordinary servants-work is done by Arab men who scarcely know a word of English, but for personal waiting there is a capital neat quiet little German maid, who

speaks fair lypich as well as trabin; she is a superior little goody being lie grants housekeefer & general manager. sturday 23 April 99.0 in norm; staid in bed all hery, getting better, but up to 101. 4 a tright in a chronic perspiration Sunday 24 April 99.4 in more. In aft the letthe form suggested my terring up for bed making, which I capped Is asking for a warm bath; this was much against her prejudices, but she julder with that trul fermine curl in the corner Ther month, Said Ini "It people will have their own way, thay must take the consequences". have all the better for it, or Do approved when he came in in the Evening. He gave me a gargle today of Colorate Potash, with Browide P. F. Streenin &Barly water . Un brownike pulleating the someness, & the abovet for the absention. 101.6 in even. monday 25 April 99.6. get up after breakfast, & in afternoon he wilson falu came out to A with the lade a week ago) come in for a brief chat, or brought me Jeiss's "Stone kinach" i.e. A in an somerican dress. It is as well written as an average American who knows withing Matternatus would to it, but it is Pea 22can throughout. 100.2 in after & in colening also Questing 26 April 98.6. up all day, neading Palmer's Since. W. wilm bother in tray good bye, he leaving

speaks fair English, as well as Arabic: she is a superior little body being M¹⁵ Grant's housekeeper & general manager. <Got letters & paper's.>

Saturday 23 April

99.0 in morn; staid in bed all day, getting better, but up to 101.4 at night. <The Pilocarpium keeps me in a chronic perspiration.>

Sunday 24 April

99.4 in morn. In aft the little German suggested my turning up for bed making, which I capped by asking for a warm bath; this was much against her prejudices, but she yielded with that truly feminine curl in the corner of her mouth, which said "If people will have their own way, they must take the consequences". I was all the better for it, & then Dr approved when he came in in the evening. He gave me a gargle today of Chlorate Potash, with Bromide Pot. Glycerin & Barley water. The bromide palliating the soreness, & the Chlorate for the ulceration. 101.6 in even.

Monday 25 April

99.6. Got up after breakfast, & in afternoon M^r Wilson <staying at D^r Grant's> (who came out to Δ with the ladies a week ago) came in for a brief chat, & brought me Seiss's "Stone Miracle" 'i.e.' Δ in an American dress. It is as well written as an average American who knows nothing of mathematics could do it, but it is Piazzian throughout. 100.2 in aftn, & in evening also.

Tuesday 26 April

98.6. Up all day, reading Palmer's Sinai. M^r Wilson looked in to say goodbye, he leaving

for flegandria the curing. I Iropped the Pelocarpin on with garyle alone. 99.4 in aft. A Even 8. a his an extist soon going to tay at come in even; HI had some tall & a skill him bownesson 27 April 97.9 Out in moon, getting the letter attest, for which personal application with pas or witnesses is necessary Also drew £ 10: thun finishing my 1st letter often 2 w letter is not on the same bank here. Reading Palmen. haft out tout of Whalif's Thursday 28 April 900 Reading Wistrams Sale Jan seth fail 98.6. Reading Petys dray or for having to go to Roda island, some we dow him close to beloweter, & a servant of the house showed we tit. There was about 5 cubits in the water & Jack out; I see that I could scarcely to aythe more accurate than has been down in measuring without labers or even scaffling, the ethe ofthe work does not seem very accurate, X et traber; so I was so not safeet to go again I saw a large lot of stratified publish heaps Sind Imust seamine for the fetting, as they are apparently undesturbed, though cut through to by the road. In the oftener Jashed of thetwee why the cartonches by scarabs, the kindly turned we with his hungan to why all Iwished; I noted over 200, all that seems

for Alexandria this evening. I dropped the Pilocarpine, & went on with gargle alone. 99.4 in aftⁿ & even^g. <A M^r Melville an artist soon going to stay at Δ , came in even; & I had some talk & asked him to come to Ali's tomb next to mine & <u>chum</u>.>

Wednesday 27 April

97.9 Out in morn, getting the Registered letter at last, for which personal application with passport or witnesses is necessary, so I could not do it before. Also drew £10: thus finishing my 1st letter of credit. The 2nd letter is not on the same bank here. Reading Palmer. In aft out to tomb of Khalif's. 99.1 in even.

Thursday 28 April

<98.8> Reading Tristram's Sahara all day, very tired from yesterday. <The D^r put me on pills today "formula 210" to reduce swelling.> 98.8 in even.

Friday 29th April

98.6. Reading Pepy's diary. Dr

G. having to go to Roda island, drove me down with him close to Nilometer, & a servant of the house shewed me to it. There was about 5 cubits in the water & 7 cub. out; I see that I could scarcely do anything more accurate than has been done in measuring without ladders or even scaffolding, & the style of the work does not seem very accurate, & it is all Arabic; so I can do not expect to go again to it. I saw a large lot of stratified rubbish heaps which I must examine for the pottery, as they are apparently undisturbed, though cut through th by the road. In the afternoon I asked Dr G. to let me copy the cartouches of his scarabs, & he kindly turned me into his museum to copy all I wished; I noted over 200, all that seemed

likely the king names. In evening 98.2. him Wenton it seems & G. used the treasurer of sec. Presbyt my but resigned tres - about a year Saturday 30 April 97.9. Throat sufficiently will on to go back; so after breakfast I put they in my Lay, twent down to settle with the Dr. In withou had told un that the regular rate is 16/- perday, includ medical attendance; which is very for, as no gro is under that rate here, of murainy of octoring all it. However I found that the De would take ust Dateve the am how his quest, what he never thought my paying; as bour that he was fire on it, Toropper it telling him he must give me a lest foodes he would Days ago he had been saying that he sapected polypers (spore whom he tak us fee) the was going him certain books howants; so the souph just come apropos. When we come out again (on before) we would Hum Schuly shoping, leaving a lot of they to be fetched by hunham

likely to be Kings names. In evening 98.2. Miss Mulock came in evening, & I had a chat over her Δ reminiscences; also a gentleman who is treasurer of the English church; it seems D^r G. used to be treasurer & \sec^y also (though Presbt^m) but resigned tres^t about a year ago & is still \sec^y .

Saturday 30 April

97.9. Throat sufficiently well for me to go back; so after breakfast I put things in my bag, & went down to settle with the D^r. M^r Wilson had told me that the regular rate is 16/- per day, including medical attendance; which is very fair < moderate >, as no good hotel is under that rate here, & nursing & doctoring all go in it. However I found that the D^r would take nothing whatever, told me I was his guest, & that he never thought of my paying; as I saw that he was firm on it, I dropped it, telling him he must give me a list of books he wants; for a few days ago he had been saying that he expected soon to have certain Egyptian books as a friend whom he had cured of polypus (& from whom he took no fee) had was going to send him certain books he wanted; so the example just came in apropos. When we come out again (or before) we must get two or three things which will be acceptable I think, & I will ask him definitely about books before I leave. Then bidding good bye to M^{IS} Grant (whom I also thanked much for all their great kindness) & Miss Schultz, I went off. Did sundry shopping, leaving a lot of things to be fetched by Muhammed

toworrow. Then took downley for 3 pours out here. for to tout by 13/4 . went of hunter up Ali , he fetched some water, I soon that dinner. Then writing up this journal, forthe last 10 days; tout tree certain in scrips lately cleared by houseum people; which stordling till they sha went of for the day, I field if a bit of preclips with two letters incesed; & a bet of fine Egyptian for with 6 him on it, very fretty, it has been letty turned out fatorale dry by nuceum. Then up to the inscrips on temple believed & SEA & D': they are charly late period. Reis Atwalis brother grambled to the atmy copying, other went of, sinst as that some of come the Reis boili fortunately his worlikely tomake trouble, as his only to Gestion is the fear that Ishall make it public before the authorities to so tget him with trouble about letter anyone why it, so Jassund him that us one in Eyepth should seeit for a year, whe was somewhat pacified; as all he wants is to keep me greet, he won't male a vour, for fear pskhosing himself. Then back touch, that supper: with Dr Birch Www. Besest. 99:2 Sunday I have ggil theroat rub right get, so slept on until Ali knocked me up saying that a dady who was here the then day was coming down to touch. So up Simped & shuffled into some clothes heaving outside the unnistableable

tomorrow. Then took donkey for 3 francs out here. Got to tomb by 1 3/4. Went & hunted up Ali, he fetched some water, & soon I had dinner. Then writing up this journal, for the last 10 days; & out to see certain inscrips lately cleared by Museum people; while strolling till they/<e> <workmen> went off for the day, I picked up a bit of Greek pot with two letters incised; & a bit of fine Egyptian pot with 6 hierogs on it, very pretty, it had been lately turned out of a tomb dug by Museum. Then up to the inscrips on temple behind Δ^6 SE Δ by Δ^1 : they are clearly late period. Reis Atwak's brother grumbled to Ali at my copying, & then went off, & just as I had done up came the Reis boiling; fortunately he is not likely to make trouble, as his only fe objection is the fear that I shall make it public before the authorities do so & get him into trouble about letting anyone copy it, so I assured him that no one in Egyptt should see it for a year, & he was somewhat pacified; as all he wants is to keep me quiet, he won't make a row, for fear of exposing himself. Then back to tomb, & had supper: wrote to Dr Birch & Mrs Benest. 99°.2

Sunday 1 May

99°.1 Throat not right yet, so slept on until Ali knocked me up saying that a lady who was here the other day was coming down to tomb. So up I jumped & shuffled into some clothes hearing outside the unmistakable

voice ofthe irrepressibly active his Petermann. Funding my door not open she shot on to overhand the tombs any to raine, of then come back when I affermed, or bother in with his little girls (much Ithink) whom she had in charge. She made a Aren remarks &questions in a very short time, & Ishewed them a few antiqueties ; x them of she botted to the carriage , x back blairs Ibelieve. heagine a being with all the salient points of miss form & sun Harry in her briskest days, combined together, & some without of hiers Peterman many perhaps be gleaned, after the product is thoroughly fernancised. I then has both & breakfast. Ali brought in a batch Mitch brouses, that he produced . yesterday; then the owner ashed & 1 & I ffend a Napoleon, which he agned to today. There is nothing very infurtant, but several good they, a foog, & a double wrown serving, & some curious brouse cases (for minute mumies of hab crocodile, smakes shi says) with little evocabiles on the top What with a few for myself, & Brit. Hus. & ther exectors the handful of little things will be easily got rid of. I was with up to going about, or doing anything winch; so that hat with reading & attending to many little matters, the day (or rather afternoon) slepped away very quickly. I tried To steaming some large tough cercumbers out in slice, If they were very good for supper, who the best regitable monday 2 may Up about noon, 98:4 Which & pretty well right. Ofter breakfast has very sleepy, &

voice of the irrepressibly active Miss Petermann. Finding my door not open she shot on to overhaul the tombs next to mine, & then came back when I appeared, & looked in with two little girls (French I think) whom she had in charge. She made a dozen remarks & questions in a very short time, & I shewed them a few antiquities; & then off she bolted up to the carriage, & back to Cairo I believe. Imagine a being with all the salient points of Miss Fenn & Ann Harvey in her briskest days, combined together, & some notion of Miss Petermann may perhaps be gleaned, after the product is thoroughly Germanized. I then had bath & breakfast. Ali brought in a batch of little bronzes, that he produced yesterday; then the owner asked £1 & I offered a Napoleon, which he agreed to today. There is nothing very important, but several good things, a frog, & a double uraeus earring, & some curious bronze cases (for minute mummies of baby crocodiles & snakes Ali says) with little crocodiles on the top; what with a few for myself, & Brit. Mus. & other collectors the handful of little things will be easily get rid of. I was not up to going about, or doing anything much; so that what with reading & attending to many little matters, the day (or rather the afternoon) slipped away very quickly. I tried to steaming some large tough cucumbers cut in slices, & they were very good for supper, like the best vegetable 98°.8 at night marrow.

Monday 2 May

Up about noon, 98°.4 which f <is> pretty well right. After breakfast I was very sleepy, &

felt too tired to do anything, though that some nothing this edd"takes it out force so". However I pottered our sorting I selecting all the stone un plements that I have ellected. They include speainers prowhed stone (grant by); old worked stone clipped up for nuder uses, block, with grower for tied handles; flint hanners; basalthanny basalt se polishos; basalt chiffed up for knives & inflements. Whitstones; scraps of sculptors rubbing stone; netter committees hourd rubben for use on the nether ones, round grinder; of all of verying materials of your different places. There a few more lots to look over, but I think I shall manage to bring all the good specimens in about 1'2 east; this including very few real difficults, though hour truffly the Egyption of Ettendagical at B. in. A some for rugself, Spironell, Lewis de. so very likely huray bring some more if from your of Ishall leave all that too not bring, stowed in the tout. I suppose Ishall have to bring about as much office of A casery, of zewt at least of pottery. Ishall also bring a few things fundam Egyptian wave as presents. I nochon that photographs will be the nest things as present to priend in general, being easily carried, interesting, that liable to the fate of buick-huacks. the Odestance deignen with much interest will sut the here to remark on it as thefe to talk about it shortly <Monday 2.nd May. Continued>

felt too tired to do anything, though I had done nothing, this cold "takes it out of one so". However I pottered over sorting & selecting all the stone implements that I have collected. They include specimens of worked stone (granite &c); old worked stone chipped up for ruder ones; blocks with grooves for tied handles; flint hammers; basalt hammers; basalt &c polishers; basalt chipped up for knives & implements; whetstones; scraps of sculptors rubbing stone; nether corn rubbers; hand rubbers for use on the nether ones; round grinders; &c, all of varying materials & from different places. I have a few more lots to look over, but I think I shall manage to bring all the good specimens in about 1 ½ cwt; this including very few real duplicates, though I want to supply the Egyptian & Ethnological at B.M. & some for myself, Spurrell, Lewis, &c; so very likely I may bring some more if I come again, & I shall leave all that I do not bring, stowed in the tomb. I suppose I shall have to bring about as much again of Δ casing; & ½ cwt at least of pottery. I shall also bring a few things of modern Egyptian ware as presents. I reckon that photographs will be the best things as presents to friends in general, being easily carried, interesting, & not liable to the fate of knick-knacks. I have examined the [ℜ] distance diagram with much interest, & will not stop here to remark on it, as I hope to talk about it shortly

I never had any idea I going to lypones; specially not In route as the way there to England is via Alexandri It is now a late what that I shall not try to stop of malta. that is such a scorched up shoulless place that hepeet it would be as hot as this. So after Is day or so here lospect to their ; then there about must of the month, & after we to hit a steamer at Alexandra get home Early June as their proposed before. I should like tyet a strawer to Low on or South auften; but few, if any, go there there from Alex " , & Ho wor want to want at Suez as there is rusting to do there Please to post the suclosed letters for Systry Hall. her Lifte or Birch , wer Buest. I also Enclose the best restruction of the lost journal that from make up. This will all be sent by hurhanned & Aba Sand, who are trustworthy I believe. I got a letter from Do Birch thanking we for the Sakhara chin, & saying that he has sent them to be in the next Soc, Bib Arch. Proc. without my name; so Brugsch will frem his Eyes. Juntur word to bring all the things home, & then after archaelyied priends have seen then, & I have talked to sinch & Tranks, I shall pack & send to B. M. What they may want. hy Examination Mplane A faces cent home lately answers part of P's suggestion of socials; & There we remembrance farything like them, but will woh to make sure about it.

I never had any idea of going to Cyprus; specially not en route as the way thence to England is via Alexandria. It is now so late & hot that I shall not try to stop at Malta; that is such a scorched up shadeless place, that I expect it would be as hot as this. So after 10 days or so here, I expect to go to Cairo; then leave there about middle of this month; & after waiting to hit a steamer at Alexandria get home in/<ea>rly in June as I had proposed before. I should like to get a steamer to London or Southampton; but few, if any, go thence there from Alex^r, & I do not want to wait at Suez, as there is nothing to do there.

Please to post the enclosed letters for Sydney Hall, M^I Loftie, D^I Birch, & M^{IS} Benest. I also enclose the best restoration of the lost journal that I can make up. This will all be sent by Muhammed & Abu Saud, who are trustworthy I believe.

Cairo XIX-

I got a letter from D^r Birch thanking me for the Sakkara copies, & saying that he had sent them to be published in the next Soc. Bib. Arch. Proc. without my name; so Brugsch will open his eyes. I intend now to bring all the things home, & then after archeological friends have seen them, & I have talked to Birch & Franks, I shall pack & send to B.M. what they may want. My examination of plane of Δ faces sent home lately answers part of P's suggestion of extra sockets; & I have no remembrance of anything like them, but will look to make it sure about it.

Tuesday 3 May

Muhammed went off to Cairo without asking for my letters, before I was awake; I did not give them last night, as I only finished by 11 ½, & did not want to wake him with them. So he must go again tomorrow with them. After breakfast I turned sleepy again, & I cannot shake off a sort of lurking tendency to sore throat. I turned over all the boxes of pottery which I had accumulated, & made a list o f it all; both to compare readily one site with another, without spreading it all out; & also in case it should be lost, or seized at Customs, to have a record of it: also to see how far pieces from one place are duplicates of those from others. I find very few exact duplicates, partly because I have generally described instead of bringing duplicates. This list occupied all day; & in evening after supper, I entered in to it what I had <u>noted</u>, but not collected. I suppose there will be about 6 or 8 biscuit tins of it, of about 12 lbs each. Beside this I shall leave tins empty to be filled in Cairo, from Memphis, Babylon, & Cairo heaps. To bed abt 10 ½

Wednesday 4 May

Began writing notes on pottery &c. In evening out, & collected a lot of late pottery (Lower Empire) from a small patch of it that I had noticed on this hill. Ali also had got a batch of scraps together. I also saw brick walls built on the ruins of the late temple by Δ^6 . Back to supper, & numbering all the pieces collected. While clearing out a big beetle from behind some stones by my bed, where he had made a great noise on some paper, a mouse got up to my last new provision store, on the top of one table on another, & bolted when I came back to it. I have to put things in all sorts of out of the way places, to avoid the ants who get into everything if they can. To bed about 10, tired though I have hardly done anything to day.

Therday I know huhamed went of to Cours without asking for finished by 11'2, Adid not want to wake him with them. In he must go again to morrow with them. After breakfast Herred sleepy a again, & Scamet shake off a sort of bushing tendency to somethinat. I turned over all the boxes spotting which I had accommedate, I made a list fit all; both to compare needily one site with another, without spreading it all out; & also in case it should be lost, or seized at customs, to have a record fit; also to see how for pieces from one place are duflicates of those from their. I find very few exact duplicates, partly becaused have journely described instead of bringing duplicates. This bit occupied all day; It in Evening after supper, I suterwin to it Mat Had notes, but int as Meeter. I suffer there will be about bord biscutting fit, of about 12 lbs each. Beside they Ishell leave ting sufty to be filled in Cairs, from menthis, Bake Hairs heaps. 20 hed about 10 2 bookerday 4 may Began writing roller on fattery de. In evening patel fit that that which on this hill. It also had got a batel of seraps together. Jalos saw brich walls bruilt on therwing of thatate templo by 16. Bade to supper sumbring all the fieces allet. With cleaning out a big beeth from belief some stone of my buspulme he made a greaturine on some paper, a more gotup to my lasture provision stone, on the top of our take one auth Hooted when have back bit. There toput they in all sort out of theway places, to avoid the outs who get with Everything if they can. To but about to , tim though Than hardy down anything to day.

Thursday 5 May

Going on writing account of pottery sites, as I wish to do it before I leave or pack up. Out in afternoon, & collected a lot from three sites for examination. Going on writing in evening, & finished my rough
by 12.> as far as it is desirable to do so, before seeing Memphis & Babylon, which I shall visit from Cairo. A very strong NW wind was blowing all day, & my sore throat still dangles on.

Friday 6 May

Still not up to outdoor work. So I sorted over all the Pyramid casing, settling what is worth taking, & selecting as far as I could good pairs of specimens of upper & lower joints [\mathbb{R}] to go together. In all there are 40 tbs of special pieces, (of fine surfaces, ancient marks, & corners of stones [♠]) & 30 lbs of good joint edges, nearly al making about 16 pairs. There is a set of 4 that go well together [\Rightarrow] meeting at tolerably, except that corners are chipped, but this is 35 lbs, so I shall leave it for the present, the more readily as the only two are really good specimens. There is also a nice pair of top & bottom corner [\Rightarrow] of 34 tbs which I intend for D^r Grant. Beside the 70 lbs of Great Pyramid casing (all the better pieces of which I angle-measured to day) I selected 36 lbs of the casing of the 2nd 3rd 5th & 6th pyramids, including the fine <arris> corner of a basalt casing stone, which is unique at present. Thus there will be about 1 cwt of casing 1 ½ cwt of stone implements &c; & I expect ½ cwt of various, diorite statue, &c. All there will have to go in the chocolate & milk boxes, as they would make the biscuit boxes too heavy: the latter will do well for the pottery, which goes about 12 lbs to the

Thursday 5 may going on writing account of fathy sites, as hoist to it before I leave or pack up. Dut in aftroom, a estected a lor from three site for examination. going on writing in Evering, & finaled my rough, as for as it is desirable to so before seeing neuplus xbs ulylon, I hid Ishall visit from Caire. I very strong New wind was bliving Il day, try some thout still daughe, on. Friday 6 may Still whole to out downork. So Isonto over all the Brain casing, settling what is worth taking, & selecting esfaras I will good pair of sheamens Jupler xlowing out togo together. hall there are 40ths proceed pieces, (of fine surfaces, ancient marty, & corners ofstones () × 30 lbs of good joint edges, making about 16 pains. There is a set of 4 that go well together the meeting to. thereby, except that the corners are elipped, but this is 35% so Ishall leave it for the present, the monoreadily as the only two une really good specimens. Here is also a mer pour of the sbottom comes of 34th which hutens for or grant. Beside the 70 ths of freat Pyrain carry (all the better pieces publich I aughe- measured to day I select 36 ths After carrie of the 2 of 3 nd 5th & 6th pyramis, in cluding the fine comer for besult caring star which is unique at present. Thus there will be about 1 cut fearing; 1's curt of stone influents to; & Isofect tant of various, riait statue , de . All these will have tops in the chordat omith boxes, as they would make the biscuit be see too heavy : the latter will do well for the forthy, Mich goes about 12 th tothe

box, or 70 lbs prease, After with with wine furter of hetty, & this; & to had about 10 ±, up to 990.8 (267) Suturday 7 may . Down 698.2. Do not think I wention that the first night houset N & , Theard a great wise in the Expeliegel, Xasker Ment it was about; it was a frand Jews Fantasigel on the end ofthe Passover, with fireworks & a band. There is a jumble for you. They always speak for fautasizely here not fautasia. The now was kept up by the rackety young selvers all though the night, of the for squibs verachers were not cohours led till some time after survice next morning. I sorterour althe loss of dioret, & booken stouvenels, xe, to day. The the day Isaw on a bit of a dionite bowl (for they ay that a pure guarty into all shapes) which all brought in, the letters 32 to notre, & it oreword to withat it right possibly better name of chafa's predicessor Snofra, only the 15 being lost: While booking over the scraps of venels to day, Leanght right of author bit of diorde boul, with an inscription, that ? Ludur Observed before; this is For which I thought I been so king name, tou bothing it up bee that of waster royal standard of Chufu, This makes it four more probable that the other is \$2 = \$ I Snofon. of course they night be meny chance scraps out of longer inscriptions booken away; but it is hardly likely in inscriptions toget just the characters of royal names which are just about the period of the bowls. If they are names it is strange that out of only about half-adopen bit, Ishould exactly have got those

box, or 70 lbs per case,. After supper writing a little more of notes of/<n> pottery, & this; & to bed about 10 ½, up to 99°.8-

Saturday 7 May.

Down to 98.2. I do not think I mentioned that the first night I was at D^r G's, I heard a great noise in the Ezbekiyeh, & asked what it was about: it was a Grand Jew's Fantasiyeh on the end of the Passover, with fireworks & a band. There is a jumble for you. They always speak of a <u>fantasiyeh</u> here not <u>fantasia</u>. The row was kept up by the racketty young Hebrews all through the night, & the de squibs & crackers were not exhausted till some time after sunrise next morning.

I sorted over all the lots of diorite, & broken stone vessels, &c, to day. The other day I saw on a bit of a diorite bowl (for they cut that a <nearly> pure quartz into all shapes) which Ali brought in, the letters [♠] nofru, & it occurred to me that it might possibly be the name of Chufu's predecessor Snofru, only the $[\Re]$ s being lost: while looking over the scraps of vessels to day, I caught sight of another bit of diorite bowl, with an inscription, that I had not observed before; this is [\mathbb{R}] which I thought I knew as a kings name, & on looking it up I see that [ℜ] was the royal standard of Chufu. This makes it far more probable that the other is [♠] Snofru. Of course they might be merely chance scraps out of longer inscriptions broken away; but it is hardly likely in inscriptions to get just the characters of royal names which are just about the period of the bowls. If they are names it is strange that out of only about half-a-dozen bits, I should i/<e>xactly have got those

parts of bowh that were inscribed. It is almost two good to true. In any case they are interesting examples of sugrainy ? characters on guarty at a very Early herod, as they are chased with a hard point (nothing tradiamend would ent so beef Ithinks); & clearly not ground out by a wheel, like worden sop gen cutting. The stock selected today comes to salls; I for by iface in quartite; 19 for pieces of name, status, sarchhagus, & store hammen from Abu Brash; 10 for Examples of direct working (sourcet to) a pieces of direct statues from finels; & 15 for pieces of various worked stones texamples of stone cutting. So Ithink there is a surderate allowance. In fact swengthing is so illustration that thanky hum how Ishall be able to pind difficulties to grave away, on to keep if B. In wants them. His makes allythe 300 lbs of casing implements, sworked stones. a few to offorils will come in also, with a few esta about 3 with will take in the stones. Beside they a said pair ofblocks for a A hardel will be zant with therey. least secen that will be safe to leave for finishing them. In fact if I find that I cannot easily get good blocks, or that a stone sawger is not to be had, hunst orof this idea titl next season. The fottery will go easily in the two biquit cases, but that a good many speamen are necessary is clear from the fact that ? have sketched order wibed roughly about 127 veriles or forms in the comparation table it? I know only to come in one place, Is did not Enter hafterwoon hour out with the who brought his by havenur, (way, vison) & smashed up a big bit of grante, so as to true out a part which should a drill hole in it; it was a bit of a saraphages side about 20 lb of so, & I trimed off Excess till the hart

parts of bowls that were inscribed. It is almost too good to be true. In any case they are interesting examples of engraving characters on quartz at a very early period, as they are chased with a hard point (nothing but diamond would cut so deep I think); & clearly not ground out by a wheel, like modern engr gem cutting.

The stock selected to day comes to 54 lbs; 8 <tbs> for big ½ face in quartzite; 19 for pieces of name, statue, sarcophagus, & stone hammers from Abu Roash; 10 for examples of diorite working, (saw cuts &c) & pieces of diorite statues from Gizeh; & 15 for pieces of various worked stones & examples of stone cutting. So I think there is a moderate allowance. In fact everything is so illustrative that I hardly know how I shall be able to find duplicates to give away, or to keep if B.M. wants them.

This makes altogether 300 lbs of casing, implements, & worked stones. A few tbs of fossils will come in also, & with a few extras about 3 cwt will take in the stones. Beside this a simple pair of blocks for a Δ model will be ½ cwt with the very least excess that will be safe to leave for finishing them. In fact if I find that I cannot easily get good blocks, or that a stone sawyer is not to be had, I must drop this idea till next season. The pottery will go easily in the two biscuit cases, but that a good many specimens are necessary is clear from the fact that I have sketched &/<or> described roughly, about 127 varieties or forms <in the comparation table of it;> beside many which I knew only to occur in one place, & so did not enter.

In afternoon I went out with Ali, who brought his big hammer, (Wayⁿ Dixon's) & smashed up a big bit of granite, so as to trim out a part which shewed a drill hole in it; it was a bit of a sarcophagus side about 20 lbs or so, & I trimmed off excess till the part

wanted only came to 4 lbs, shewing the trace of the side of the hole made to but out the grant from the mails. There are many sarafs of granite saraphagi kicking a bout here, from 10 to 30 Un. I also scraped out all the askes for large ferriplace in the Pthemain period house; the fem place was a semiextindrical back of takes clary, about 3 ft d'an vas much high, thereby about 1th 2 in thick plantened over crude brick backing; it had been put on in tagers about 3 in light each, your dried or baked beforetherest was plastered up on it. The ashes ever Johareval, wood, & much spring of palan leaf? I picked out several but pottery, which though rut special, are attent containly as old as the building , xprobably not thes. Back to tout when suffer on some Tomatoes which He had got for me. he looking over the diont scraps today, I entalogued Each file according to the sites of them; then seeing where work was done, kulture my finished statues were placed: Inlos couriered all the criteria for settling whither the grown surfaces are savered or ground surfaces; there are three good reasons for their being neally saw ents, the principal one being that in a saw cut lines of each stroke are very likely to tip alternate one way the Mur = according to the therow of the saw from one man to the other; whereas in grinding it would be unpossible for the grains of Emery (?) to shift thus regularly Attus awangent of grooves is Exactly what is shewn on seong surfaces; valor in the side of a sarap of a big tutur-drill lible, according to a slight til, of the drill one wang or another .

for Ithink there can be us drubt about the sawing of quarts; though the puzzle is what length of paw or marvellows cutting powder they

wanted only came to 4 lbs, shewing the trace of the side of the hole made to cut out the granite from then inside. There are many scraps of granite sarcophagi kicking about here, from 10 to 30 lbs. I also scraped out all the ashes of a large fireplace in the a Ptolemaic period house; the fire place was a semi--cylindrical back of baked clay, about 3 ft diam & as much high, the clay about 1 to 2 ins thick plastered over crude brick backing; it had been put on in layers <courses> about 3 ins high each, & one dried or a/aked before the next was plastered up on it. The ashes were of charcoal, wood, & <much> scraps of palm leaf? <& dried cakes of dung as in modern</pre> Egypt;> & I picked out several bits of pottery, which though not special, are at least certainly as old as the building, & probably not older. Back to tomb & had supper on some tomatoes which Ali had got for me. In looking over the diorite scraps to day, I catalogued each piece according to the sites of them; then seeing where work was done, & where only <u>finished</u> statues were placed: I also considered all the criteria for settling whether the grooved surfaces are <sides of> saw cuts or ground surfaces; there are three good reasons for their being really saw cuts, the principal one being that in a saw cut lines of each stroke are very likely to tip alternately one way & the other $[\Re]$ according to the throw of the saw from one man to the other; whereas in grinding it would be impossible for the grains of emery (?) to shift this regularly; & this arrangement of grooves is exactly what is shewn on several surfaces; & also in the side of a scrap of a big tube-drill hole, according to a slight tip of the drill one way or another $[\Re]$. So I think there can be no doubt about the sawing of quartz; though the puzzle is what length of saw or marvellous cutting powder they

Cairo XX

[This is written in the bottom right corner of the blank page opposite page 269, which is unnumbered.]

must have had to advance I wich with a single stook ofthe son forther is the regular uniform distance of the growing apart. hunging certing through linch duf of quarte, of atleast many inches interests, with only 10 only souble strokes of a saw; yet they

Sunday I may I forth say that Theor came up show a talk true gesterday, who was passing, sowerthy to look out for the job of organistrat that half-promised him some time ago, the impressed on me that some men wanted only money snot friends, of such were the Pround guides of their sheibles; but he & some others wanted friends quot money: that the sole business ofthe Pyramin sheiths was to take pepte up visids, such to superintend any diffing, but that Ali & he were the only proper people to manage workmen here; that he had no would Ishould make a big book, this great & sole auxiety was them the pleasure floing something for me, that I might give Sheil Other a good manne in print; to, to, to, the job of cleaning the Mind Byramind sockets. Musturen before how up he came towarding, & hegining the July'est again; so Itald him would much where he was to by after a late brushfast, & ted guy up, viceday some time, I a talk to the , hereat out when it was cooling down , & began truske my way to third Brown to look at it more closely; before how farther than the DE Isan Oman in chere, wifing his gentlemanty & secare brown face. he came up , swould not rest till he had settled the matter

must have had to ab/<d>vance 1/21 inch with a single stroke of the saw, for this is the regular <u>uniform</u> distance of the grooves apart <in one good specimen>. Imagine

cutting through 1 inch deep of quartz, of at least many inches in length, with only 10 or 11 double strokes of a saw; yet they did it.

Sunday 8 May

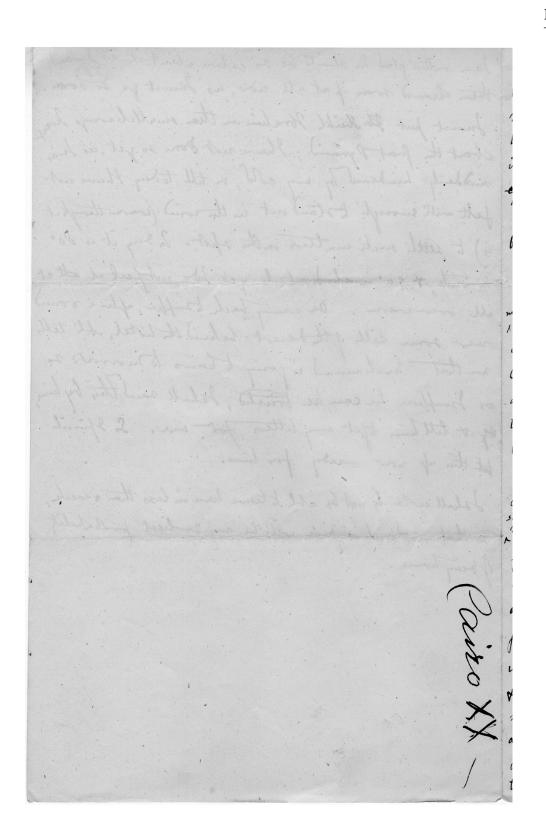
I forgot to say that Omar came up & had a talk to me yesterday, as he was passing; evidently to look out for the job of digging that I had half-promised him sometime ago. He impressed on me that some men wanted only money & not friends, & such were the Pyramid guides & their sheikhs; but he & some others wanted friends & not money: that the sole business of the Pyramid sheikhs wan/<s> to take people up & inside, & not to superintend any digging, but that Ali & he were the only proper people to manage workmen here; that he had no doubt I should make a big book, & his great & sole anxiety was to have the pleasure of doing something for me, that I might give Sheikh Omar a good name in print; &c, &c, &c, <..> I/<O>f course I understood all this, & told him that he should have the job of cleaning the Third Pyramid sockets. This morn before I was up he came knocking, & beginning the subject again; so I told him I would mark where he was to dig. After a late breakfast, & tidying up, & reading some time, & a talk to Ali, I went out when it was cooling down, & began to make my way to Third Pyramid to look at it more closely; before I was farther than the Δ^2 I saw Omar in chase, wiping his gentlemanly & suave brown face; he came up, & would not rest till he had settled the matter.

Jam rutter glad he should be so active about it as I went is them cleaned some if at all now, as hunt go to soon. I must put It Shikh Hrabin on the mullilearing how, about the frat Pyrain ; There not done to get, as how madenly hindered by my cold, & till tribery Howe not felt well enough to stand out in the wind (warm though it i) to settle such matters on the spot. To day it is do. in tout + 90° in shavioutside get los utfeel it att at all overwarm. On coming back truffer, after a round over some hills of the desert behind the hotel, It tells me that hunhammed is going to Cairo to morrow: 20 as truffen he can be trusted, Ishall send this by him, of that him byet any letters for me. In Spirish It this up now nearly for him. I shall certainly not be able theeve here in less than a week, so that 2 worth in June will be any Eurliest probability Nouy home

I am rather glad he should be so active about it as I want them cleared soon if at all now, as I must go so soon.

I must put Hb Sheikh Ibrahim on the small clearings I want about the Great Pyramid; I have not done so yet, as I was suddenly hindered by my cold, & till to day I have not felt well enough to stand out in the wind (warm though it is) to settle small matters on the spot. Today it is 80° in tomb, & 90° in shade outside; yet I do not feel it all at all overwarm. On coming back to supper, after a round over some hills of the desert behind the hotel, Ali tells me that Muhammed is going to Cairo tomorrow: so as I suppose he can be trusted, I shall send this by him, & g & tell him to get any letters for me. So I finish let this up now ready for him.

I shall certainly not be able to leave here in less than a week, so that 2^{nd} week in June will be my <u>earliest</u> probability of being home.



Cairo XX-

Monday 9 May

honding of heary Vaching of pottery ystones for some time; about 4005 the boy brought down De grants card, said he was above. So Iwentry found him. Hu: melvette, a We gilson (an intelligat whandsome little wend W. Lansing (the American missionary love) & two American friends offin from the Begrowt ally. May then bolled atomby, went day to Splans yout teugh , then tuck by dearly to keach. Unfached whead suppor , hucanwhile awaying my they for a A right Then by about of we all went with the A blever W. Lausing Alter two previous pour it, & Defrant come in with wear welville offrom . Weall joined what the top of the framfally; after sharing them ale the will bades your cuts outher wolfer. Her ladders were bright up; hour byet two board some rope; these were put across the bolin grentstop, other spe tied round tuladder outhe growth leaf so that it could not slip outward. Then howther took sendy measure I plumbed the Swall which Drf. was auxious to To. Mu result is that there is me lean in the apper part; bu ? a total tit over of 85, Shich is with it on the part-involve so how C.S. mations to be 10 Ld workenver. Kall the strong talk about the infending " wall seems to be writer

Packing up pottery & stones for some time; about 4 or 5 Ali a boy brought down Dr Grant's card, & said he was above. So I went up & found him & M^I Melville, a M^I Gibson (an intelligent & handsome little man) M^I Lansing (the American missionary here) & two American friends of his from the Begmont College. They then looked at sundry, went down to Sphinx & granite temple; then back by dark to kiosk. Unpacked & had supper, I meanwhile arranging my things for a Δ night. Then by about 9 we all went into the Δ . I shewed M^I Lansing & the two Americans over it, & D^I Grant came in with Mess^{rs} Melville & Gibson. We all joined up at the top of the Grand Gallery; after shewing them all, the drill holes & saw cuts on the coffer. The ladders were brought up; I went to get two boards & some rope; these were put across the broken great step, & the rope tied round the ladder & the granite leaf so that it could not slip outwards. Then I went up took sundry measures & plumbed the S. wall which D^r G. was anxious to do. The result is that there is no lean in the upper part; but a total tip over of .85, which is not ½° on the part involved; so how C.P.S. made <it> out to be 10 I do not know; & all the strong talk about the "impending" wall seems to be nowhere

in fact. His was finish at somewhat after 72. Then we amount the bottom ofthe alley, & all the visitors went of the : We welville in touch by mine, ofthe durious of we gilson in the kink then wentrup disamined the forestale in the sund ofthe grantfully. It is quate Indere, by Camplia or byse appearently: & there can be no importance in it. It is only 20 is deep at wasunes. Ween I plumbed the N wall taking Hels all the way Inon: it has about Jude batter, or leans Noward at top from where it would be if seed face were westered. The most would point is that only two of the orlapping are follow the parage slipe, Hote the seed: thes; This was all finished, & deams back touch about merry 10 may battell 4 reading letters thaper & boiling ketch for stock formiling rater. Then next to but, but could subship atall. xxxx pubille grafe, +saw & front of the Junious went to Sakhara. Lestrome slup from while asless in his tout, tiles we not having sleft till Dorg. we had breakfast, & a long chatour

in fact. This was finished at somewhat after 12. Then we moved to the bottom of the Gallery, & all the visitors went off to bed: M^r Melville in tomb by mine, & the Americans & M^r Gibson in the kiosk. I then went up & examined the forced hole in the <N> end of the Grand Gallery. It is quite modern, by Caviglia or Vyse apparently: & there can be no importance in it. It is only 20 ins deep at maximum. Then I plumbed the N wall taking offsets all the way down: it has about .7 inch batter, or leans N.ward at top from where it would be if each face were vertical. The most novel point is that only two of the overlappings are follow the passage slope, & all the rest two <three others> are horizontal like the S. end: thus; [*] This was all finished, & I came back to tomb about 3.

Tuesday 10 May

I sat till 4 reading letters

& paper, & boiling kettle for stock of drinking water. Then went to bed, but could not sleep at all; & it was Melville got up, & saw Dr Grant off: <&> then Americans went to Sakkara. I got some sleep from 8 to 11 & then up; by 12 breakfast ready & I found Melville asleep in his tomb, like me not having slept till 8 or 9. We had breakfast, & a long chat over

autypitus, He has trewelled much, + staid offen in 274 country places in France for a hatch of skelding. By 3 in so we went of the Omain diggings. They had not found a single sochet; all were wuch refer the Expected. I directly them to try deeper at 12 corner, they found a well-marked need Speare at just the night place. But at 3 4 they found rock in NE & six but not a trace frochet face Much Isupposed to be a rochet side, betwhich was Tay down beside for two feet or more without feely any rock. at the NW us bottom van form at o feet deep. All the when were very a whomand to work, being in a confused mass of growth blocks, large mough borush a man by slephing; & resting in book sand which ran down of the holes. On the Shoh Isaw that it was lifelen for omen trangout Assituhe was upslips functions the socket on swenther rock at all the corners for 2 to. So I suggested him that that her hether he cancelled by common consent, & pool pay him for all working & day & for bunself. This he would not att at all that been Canquible bed to does, 95 Il sore 105, williams descent

antiquities. He has travelled much, & staid often in country places in France for a batch of sketching. By 3 ½ or so we went off to see Omar's diggings. They had not found a single socket; all were much deeper than expected. I directed them to try deeper at Δ^2 corner, & they found a well marked raised square at just the right place. But at $3^{rd} \Delta$ they found rock in NE & SW but not a trace of socket or line. At SE a large block of stone with vertical face which I supposed to be a socket side <but which was not oriented>, but <&> which was dug down beside for two feet or more without finding any rock. At the NW no bottom was found at 8 feet deep. All the holes were very awkward to work, being in a confused mass of granite blocks, large enough to crush a man by slipping: & resting in loose sand which ran down & filled up the holes. On the whole I saw that it was hopeless for Omar to carry out his agreement of finding the sockets or even the rock at all the corners for 2€. <Additional work was useless useless so extension & etc need further payment.>. So I suggested to him that that had better be cancelled by common consent, & I would pay him for all workmen to day & for himself. This he would not all at all

agree to (probably knowing love little actually went into the mens pochets); so I stuck to the point that he agreed at least to find the rock of not the well or of he had 40/- be fortlested; saying that redling a be 2 Napoleons, which would just fay the men him nothing !!! Is this was his rejust Timent is it left him thus in the position What he wished, Auch flis big Aligh to accept nonetern which was how he pessested taceth in take So skaling hand with the forper condication shot in Extrem freudling from me possible to finish therese a frastre more than they deser hubble, fread paper, worth this & to bed

agree to (probably knowing how little actually went into the mens pockets); so I stuck to the point that he agreed at least to find the rock, no/<if> not the sockets; & he stuck to the fact that we had both supposed the depth to be much less. However I offered to compromise for 30/- <(after which I saw he cheered up more)>, this being probably 2 or 3 times as much as the wages he paid. He was perfectly content if he had nothing or if he had 40/-, he protested; saying that nothing about money ever made Omar unhappy, &c, &c, &c; so, after <a long talk,> we went back to tomb & I paid him; he then came in asking for 11 piastres (2^s/3^d) more saying that would be 2 Napoleons, which would just pay the men & leave him nothing!!! As this was his request I immediately paid it, & <as> it left him thus in the position of my paying what he wished, & not of his being obliged to accept a reduction <from agreement> which was how he persists tacitly in taking it. So shaking hands with the proper cordiality; & a parting shot in extreme friendliness from me, that I hoped we should find it possible to finish the next agreement we made; & an informal comment that the next one would be a very long time hence; I parted with him on the best of terms. Ali I feel is very sore at my wasting money on Omar <in thus indirect bakhshish>; for though not at all grasping himself, he is very careful that no one else shall get a piastre more than they deserve. After supper with Melville, I read paper, wrote this, & to bed about 12 ½. It has been languidly hot to day, 95°, & even 105° without direct sun. Wind & a little rain to night.

Wednesday 11 May

After somewhat of a storm of wind & a little rain it was fresher to day. After breakfast, which was not early, there began a chaffering of antiquities: first Ali about the lot I had selected from Smyne's brother, & which he indignantly refused my offer for before; however he had come down, & I was willing to go up & so we managed to meet terms. The things are a few good but small bits, one of which I have got for M^r Loftie. Then Omar came up all smiling as usual, with a lot of his things, quite on the best of terms; which shews that he feels satisfied after all about yesterday's business (as indeed he ought to be); & I picked out one or two <of his>. Then Ali brought back the previous lot, terms accepted. Then two or three other men brought little stocks hearing that dealing was going on. It was well it all came while Melville was here, as he wished to get a few things. The best things of the day are a mould for making figures of Typhon, very fine & sharp; a double Janus--head of Typhon <in bronze> with Horus seated on it. An exquisite little hawk

art in felspar: a stone with cartouche of Thuthmes 3rd (very common) & name of Seti Menephthah 1st; a/<i>n reverse; a very good black scarab with kings name of 26th Dynasty, chipped on back, but name perfect. When the afternoon was quite cool Melville went off to paint Sphinx, & I worked at packing; at sunset I put kettle to boil & ran off to him, just as he was shutting up, & went round Pyramid hill by moonlight to shew him points of view. Then back to supper
by 8>. He knows Mount S^t M. very well, staid there about 3 yrs ago, but does not remember M^{rs} V.; perhaps she may remember <hearing of> him, as he was much at the Abby <, he was much interested & amused with Mabel's letter.>. After supper experimenting on the Arabic reed pipes, of which Ali fo <got> me four varieties; two double pipes & two with drones. Wrote this & to bed abt 11 ½.

I bedoudday 11 may After somethat for storm friend & with rain it was presher today. After breakfast, which was not Early, then began a chaffering of outryiting, first it about the lot that reliets from Sugar's brother, subich he indynuty refused my for for before; however he had come down, a) was welling to go up x so we managed towest terms. Untings are a few good but small bits, our public thanget for her Lefter! Then Owner come of all sunling as usual, with a los I of his things, guit on the best of terms; which shews that he feels satisfied after all about justerdy's business far indeed he + ought to be); & I ficked out one or two ? Then It brought hade the previous lot, terms accepted. Then two orthing Atur wen brought little stocks heaving that dealing was , going on. It was well it all came while bulville was here, a heavished byet a few things. The best things of the day are a mould for making figures of Typhon, way fine x sharp; a double law head of Typhon with Horry seates one it. an exquisite little house art in felsper: a store with cartonche of thathere 30 (very comment of name of set menefathah I's on nevere; a very good black scanh with king, name of 26th squart, chiffed on back, but name perfect. When the afternoon was just cool beelville went of to paint Sphus, & I worked at packing; at sunt Mut hetth to foil From of thim, just as he was shutting up, I went round Brains like by moonlight to her him points frew. The a back to affect . He knows hout It her ongwell, staid there about 3 yrs ag, but does not remarken Jews V. ferhales she may remember him, as he was much at the obby. After I suffer Experimenting on the Anchi new pipes, pulich it to beggt me four varities; two double hips & two with drones. Contithes

Thursday 12 May

Thursday 12 heavy Mending up box & packing stones, after a lated breakfast. a man brought in a handful of little things, of which I picked out two much worn stones, darle green; one with a lively but bearbarie little dragon on it, or a pigusus with house head, the other in shape for nam's head, but seal worm off. Out about 3 & after amonging matters Kulville come of, orme claimed & thuntaped the base length fry raving as an offeroacementin, (beside having statums fixed common to fell, survey, & they a lineal value from his base); the two measures, which had different stations for junctions (claim him 1000 in x take 100 ft) agree within of inch, the take being lighter vistuetding straight will account for part of this. Un whole buyth is 7907 us lie fractically as long as A base for all questions profile ofthe ground already levelled some time ups, whaving notes also in each stretching what lengths (by eye estimated being catenary. The full was about 20 or 25 (b) as hearth a tighter full them were normal, in order to get culturaries as little as furnith on vory ground. In the greatest shorteny by caturany on the wort light of take is only 200 inch, of the wort light of chain the soor followence will be very small & outher Pelice Ithink the soror country seed zinch from all courses, possibly lind So this will give A base therally; until we can do have a county by supports of him levels & distances for chain, which would be a for day work, longer than Jean ash Milville to give to it. Then hant & measured the lower 10 a 12 courses of the A , & took levels within to + 1 inch) from rock sockets to the musoury courses by my little suspensory mirror level. If ind that the courses, about the irregularity coursed by the rock base courses,

Mending up box & packing stones, after a latish breakfast. A man brought in a handful of little things, of which I picked out two much worn stones, dark green; one <scarab> with a lively but barbaric little dragon on it, or a pegasus with lion's head, the other in shape of a ram's head, but seal worn off. Out about 3 & after arranging matters Melville came up, & we chained & then <steel->-taped the base length of my survey as an approximation, (beside having stations fixed common to Gill's survey, & thus a lineal value from his base); the two measures, which had different stations for junctions (chain being 1000 ins & tape 100 ft) agree within .7 inch, the tape being lighter & stretching straighter will account for part of this. The whole length is 7907 ins, (a/<i>.e. practically as long as Δ base, for all questions of accuracy), & the reductions will be tolerably made by having a profile of the ground already levelled some time ago, & having noted also in each stretching what lengths (by eye estimate) being catenary. The pull was about 20 or 25 lbs, as I wanted a tighter pull than mere normal, in order to get catenaries as little as possible on rough ground. As the greatest shortening by catenary on the worst length of tape is only $\frac{2}{1/20}$ inch, & <on> the worst length of chain .4 inch,

the <u>error of allowance</u> will be very small; & on the 8 chains or 7 tapes I think the error cannot exceed ½ inch from all causes <including slope of ground>, possibly 1 inch.

So this will give Δ base tolerably; until we can do base accurately by supports at <accurately> known levels & distances for chain, which would be a few days work, longer than I can ask Melville to give to it. Then I went & measured the lower 10 or 12 courses of the Δ^2 , & took levels (within \pm or \pm 1 inch) from rock sockets to the masonry courses by my little suspensory mirror level. I find that the courses, above the irregularity caused by the rock base courses,

are very uniform only differy an inch or two, & often & saith the same at different corners. The roll beds of the sochet, and to on the same buil within 10 in extreme ofference, except the SE which is about 40 inches lover than the others. I should like tomanor courses all of A2, but it would be a long job owing to the difficulty offinding char contiguous surfaces clear ofthe I composed nubback of the stones. This occupied tell death chem hvent home. Just as me were setting to jetting suffer ready, a mor came for Melville to fetch him to some friends Who had come over, thouladis & squits. They came down I after that has suppor (hebrill suppring with them in kinds) I tooked at my verious autypites; they much admind the by Atteny coin, Atta browses, te. Aptrinant Ithought they were going int to heart out to give them whit of magnesium; your them from to at the courseway to frant tenfh setty schatting (a bright clear full woonly night), vas they had not been to the temph hourt down Ashewed then Abubille sundry points. The crucial case of tube Irill hole in a down socket coandruich interest, twas examined by all; they just agreed as to its formation, & certainly robady to Whom there shere it has som seen orheard fit before, & infact never heard a whiter about any such means as tube soully or surey saws being used. Include, though what ah anchanical, is gut taken with the notion of their funding the methods from, the temph bothed splended, the huge

are very uniform only differing an inch or two, & often exactly the same at different corners. The rock beds of the sockets i/<are> also on the same level, within 10 ins extreme difference, except the SE which is about 40 inches lower than the others. I should like to measure courses all up Δ^2 , but it would be a long job owing to the difficulty of finding clear contiguous surfaces clear of the decomposed rubbish of the stones. This occupied till dark when I went home. Just as we were settling to getting supper ready, a man came for Melville to fetch him to some friends who had come over, three ladies & 5 gents. They came down after I had had supper (Melville supping with them in kiosk) & looked at my various antiquities; they much admired the big Ptolemy coins, & the bronzes, &c. Afterwards I thought they were going into Δ so I went out to give them a bit of magnesium; I found them down to at the causeway to granite temple sitting & chatting (a bright clear full moonlight night), & as they had not been to the temple I went down & shewed them & Melville sundry points. The crucial case of tube drill hole in a door socket cea/<au>sed much interest, & was examined by all; they quite agreed as to its formation, & certainly nobody to whom I have shewn it has ever seen or heard of it before, & in fact never heard a whisper about any such means as tube drills or emery saws being used. Melville, though not at all mechanical, is quite taken with the notion of thus finding the methods of work. The temple looked splendid, the huge

speare more little columns & lintely in the full moraly fer against the blue shy in which only the exceptant stars could compete with the journal brightness. Then I want back with them to A Lafter a little left them. Began plotting A 2 courses on separate slips of haper the adjustable. I soon melville come in saying that they had gone, not wishing total so late as ty into A' tought. I finished the courses pramined them; then won't this &t but Friday 13 may Notwery early up, & then going a packing. Had breakfast about 12 is, after melville head had a to bit of kainty in the plain below. Then Iwent on packing, but not brishly, fuling slock & lary to day. This packing take, a long time, both in countering how to preh things for their own sufety the pass customs best; also the boxes need mending up to bear the weight. Have now done all the stones smort of the potting; but to bring any block, for A models hunst get another box on purpose as Thave fill all my small ones. at suffer hubith All in somewhat this her toy. He pointed at of you M; was intended for law, but (with sately method) saved his allowance for terr years of the both from Meye to the Edinburgh School of that when he was under 20, ogth time mouths there before his where bouts was known; his now only 25 but her succeeded sowell as touch for doo to by painting last year, & come here on the strength fit; having in fact hims by pounting ever since he took thit. He has a curring combination of the characteristic extraveryence The helpless or rather careless way fartests; on the back of switch speles or rather careless way fartests; on the back of switch puit replained theod?

The after suffer, in which he was much interested liking machiness though hating figures: & he also saw) in a telescope for the first time, to his strongh hating figures: & he also saw) in a telescope for the first time, to his striplet. square monolith columns & lintels in the full moonlight against the blue sky in which only the brightest <largest> stars could compete with the general brightness. Then I went back with them to Δ , & after a little left them. Began plotting Δ^2 courses on separate slips of paper to be adjustable; & soon Melville came in saying that they had gone, not wishing to stay so late as to go into Δ^1 tonight. I finished the courses & examined them; then wrote this & to bed about 1.

Friday 13 May

Not very early up, & then going on packing. Had breakfast about 12 ½, after Melville had had a b bit of painting in the plain below. Then I went on packing, but not briskly, feeling slack & lazy to day. This packing takes a long time, both in considering how to pack things for their own safety, & to pass customs best; also the boxes need mending up to bear the weight. I have now done all the stones <& casing> & most of the pottery; but to bring any blocks for Δ models I must get another box on purpose as I have filled all my small ones. At supper Melville told me somewhat of his history. He painted at 8 yrs old; was intended for law, but (with Scotch method) saved his allowance for two years, & then bolted from college to the Edinburgh School of Art when he was under 20, & got three months there before his whereabouts was known: he is now 2/<0>nly <math>24/<5> &/ut has succeeded so well asto net 7 or 800 £ by painting last year, & came here on the strength of it, having in fact lived by painting ever since he took to it. He has a curious combination of the characteristic extravagance & helpless, or rather careless, way of artists; on the back of Scotch quiet regularity & soberness. I shewed & explained theods to him after supper, in which he was much interested, liking machinery, though hating figures: & he also saw [♠] in a telescope for the first time, to his delight.

Saturday 14 May

Antiquities began flowing in again. Ali

brought in a batch for which a man wanted 60 francs, but I only wanted a few things; so between Melville & myself, & Ali taking the remainder, we cleared it off. There was a beautiful cupid flying, much damaged & eaten however, which M. took. The main thing I had was a fine head of Osiris in bronze, knocked off a statue<tte> anciently. Then I went on packing & got all the pottery packed; so now only ordinary little things <in bag & portmanteau>, & a few water jugs from e/<C>airo, & some

pottery from there & Memphis, will have to go in, the latter to be packed in Cairo. Then in afternoon Ali introduced another man with a lot of bronzes; which were very cheap, & so Melville & I split the lot, he taking two cats, (one of which was fine, just such an old demure beast as the Harvey's one); & I took a big cat damaged <minus part of fore legs> (5 ½ ins high), a lifelike kitten on a top of a staff,

a cat on a jug handle (of which I had one already), a good Bubastis, and two or three other things; all for 12/6. Then in the evening Omar brought in some little stone things, of which I also took a few, & Melville the same. For everything in the way of antiquities, I have run up to £ 6 8 $^{\rm s}$ <(for 16 scarabs, 21 stone & 18 glazed trinkets, = 83 articles, besides 16 coins $^{\rm h}$ /<&> big shrine of Ptah)>, so I must not go much farther;

but I am sure to get the cost from any collector in England, or turn a penny by selling at a sale, as I remember being horrified at the prices of som <for which> a collection sold a few years ago. About 5 went off with levelling rods, & Melville soon followed me, to the Δ^1 entrance. There, he holding 200 inches of rod with plumb bob, & Ali holding short rod on the step on which the theod stood, I levelled up <in 2 lengths> from casing to station from

which 10 inch theod surveyed the casing, & then on <in three lengths> up to

Saturday 14 may tratignities began flowing in again. It brought in a botch for which a men wanted 60 frames, but Touly wants a few tings; so between autille regalf, & Ali taking the remainder we cleaned it of. Home was a beautiful orfit flying which Samond Yeaten however, which In: took, the main then, that was a few head of overs in borner, herethed off a statuspancientty. Then Twent on packing yest all the Jother, so now only ording little things of a few water juy from Ears, & some betty fromthere strengling will have to your, the latter to be packed in Cairs. Then in after home Ali introduced author man with a lot offrmies; Which were very cheap, of so unwill x) split the lot, he toking two cats fore of which was fine just such an Ad demune beast as the Harvey's one); & I took a big cat damped (5 in high), a lifelihe kitten on a tip fa staff a cat on a juy handle (Inhich Had one already), a good Bubester, and two orthone theretings; all for 12/6. Then in the arenny Omar brought in some little stone thing, falich I also took heing hormefeed at the friest frame a whether sold a flow years ago. about 5 hourt Hwith levelling rod, whileith soon followed me, to the A sutraine. There, he holding 200 willes grand with plumb bob, & Ali holding short rod on thistip on which the theod stood, Revelled up from casing to station from sich 10 inch there surveyed the casing, athen on who to

the sutrance, where I fixed the courses about the ancient mouth, & the level Juy statum mark on the Jonesent floor Massage. I did it all by estimating on linch divisions, mading the marrest int the greatest diff for meading being 30 from max town. The difference Ather sending on the short rod, are striking; they are compounded of sorror of level of the 20 ft or so x theor , & of roughuers ximugulant of stone; therman hight of theod on stand is 23.30 by the , other Jifferenas on 5 different courses are - 14 ±0 ±0 ±0 +17. !!! The Differences between the levelling all up, they measuring of previously are subrunch; - :34 tou 200 up, - 19 on 300 +14 on 460, - 21 on 600 + 15 on 636, + 5 on 670, y same on to 750. Thus my measure, & offerend fratter different parts prouses, and state only make up an ever of 2/10 for 600 inclus, & tind of to 750; a break in my measures and occurry over 600, notwent well connected. This is neally finer work It inthe eye willing than that auticipated; & suggests that similar measures all of world be useful, for the other authoritis (yet moretum fr fameur (level)— are four rougher, riffering their at 753.14 true, CP.5.750, I mand 745, Le Pere 763, + my mann 753.6. So I begin to ful ratter self-satisfied. One pressed me shubville to come forom to deme them some Day, but I fought of ; as 1st must thus be more intimate with him, which It's whowish ; 2 and I should need by our a return present from sort: so I pleaded that all my time was filly, particularly in the evening when hem work

the entrance, where I fixed the courses about the ancient mouth, & the level of my station mark on the present floor of passage. I did it all by estimating on 1 inch divisions, reading the nearest inch/100 th, the greatest diff of my readings being inch/30 from max to min. The difference of the readings < levels> on the short rod, are striking; they are compounded of error of level of course <for 20 ft or so> between rod & theod, & of roughness & irregularity of stone; the mean height of theod on stand is 23.30 <ins> by this, & the differences on 5 different courses are -.14, ± 0 , ± 0 , ± 0 , $\pm .17$.!!! The differences between the levelling all up, & my measuring up previously are not much; -.34 & on 200 up, -.19 on 300, +.14 on 460, -.21 on 600, +.15 on 636, +.5 on 670, & same on to 750. Thus my measures, & difference of rather different parts of courses, are only de only make up an error of 2/10 for 600 inches, & ½ inch up to 750; a break in my measures not occurring over 600, not very well connected. This is really finer work th in the eye measuring < levelling> than I had anticipated; & suggests that similar measures all up would be useful, for the other authorities are far rougher, differing thus <(after reduction for pavement level)> at <u>753.14</u> true, C.P.S. <u>750</u>,

Jomard <u>745</u>, Le Pere <u>763</u>, & my measure <u>753.6</u>. So I begin to feel rather self-satisfied.

Omar pressed me & Melville to come down to dinner to him some day, but I fought off; as 1st I must then be more intimate with him, which I do not wish; 2nd I should need to give a return present of some sort: so I pleaded that all my time was filled, particularly in the evening when I can work

better in the cold than swingthen day. It has been about 80' in touch (up to 83°) bes & 95° or so outside today. Then after suppor medical levelling; them work this the not before 12. There now from the two short; the for which hearth accurate assistance, 'a mean approximation to the survey base, & 2 accurate levelling up the to their station + to sutrance. This makes about .75 less vertically behinem famoye & sutrame course, = about 1.6 less legth of passage then that stated before. In any case we are now sure ofthe ough ofthe casing from borse to entrance, tolers than 5'. Sunday 15 may be did not breakfast titl 12, though hours up sometime before, as Indville was out. Hen we went ower to look at several things here he had not had time to see before, as he intends going early to morrow. specially showed him a fine desent view, looking of a valley with two lines of cliffy rocks one below the there, t & sestant hills about so miles of the wady, with several rioges & groups measur on the right side oftherally, & Abou Roash hill rather farther to that hand . He Whed it much, but somehow allthe afternoon sliffed away. In returning we found the in witable batch of autignters awaiting us, which be did not patronise. Also helvilles downly thoy really for him. Then after suffer, Kadmiring a splendid full moon in a dappled sky, we said good night; he wishing the up early to morner, boto a shetch before breakfast.

better in the cool than during the day. It has been about 80° in tomb (up to 83°) & n & 95° or so outside to day. Then after supper I reduced levelling; then wrote this & to bed not before 12. I have now done the two short jobs for which I wanted accurate assistance, ¹ a near approximation to the survey base, & ² accurate levelling up th to theod station & to entrance. This makes about .75 less vertically between passage & entrance course, = about 1.6 less length of passage than I had stated before. In any case we are now sure of the angle of the casing from base to entrance, to less than 5'.

Sunday 15 May

We did not breakfast till 12, though I was up sometime before, as Melville was out. Then we went over to look at several things here he had not had time to see before, and <as> he intends going early tomorrow. I specially shewed him a fine desert view, looking up a valley with two lines of cliffy rocks one below the other, [*] & a/<d>
istant hills about 10 miles off up the wady, with several ridges & groups nearer on the right side of the valley, & Abu Roash hill rather farther to that hand. He liked it much, but somehow all the afternoon slipped away. On returning we found the inevitable batch of antiquities awaiting us, which we did not patronise. Also Melville's donkey & boy ready for him. Then after supper, & admiring a splendid full moon in a dappled sky, we said good night; he wishing to be up early tomorrow, to do a sketch before breakfast.

H was a delicion right, a mild breeze at about do", fresh but not chilly; ithe south werm don, so that one could go about barefoot. Have guite abandoned for covering for a longtome, Except when needing to go over rough ground out of doors, her telip du Mpair of book ou. Jam going blains to morrow morning, Iso reliable intends going back with me; there are sound thing (cash included) Shich hourt before I leave here, whigh They todo in less than a week now thus neading hylan Juring the third week of June . my going seems on something like the coming, until it is a guestion whether it is worth neturning at all , low ought to the here by muddh fortsber tiget the fruit season; so that vill only be 32 months in lyland, or 42 abrena from here. I shall have blook sharp toget my work all moned in that time, as all the unpacking wors Juring of thattany I bring will take some time. hulville with all his artistic references froughing it-is so amused with the movelties of this abode I way that his going to make afa letter on it for some (Festels?) pulser for which he writes .

It was a delicious night, a mild breeze at about 80°, fresh but not chilly; & the earth warm & dry, so that one could go about barefoot. I have quite abandoned foot covering for a long time, except when needing to go over rough ground out of doors, when I slip an old pair of I am going to Cairo tomorrow morning, boots on. & so Melville intends going back with me: there are several things (cash included) which I want before I leave here, which I hope to do in less than a week now, thus reaching England during the third week of June. My going seems to run on something like the coming, until it is a question whether it is worth returning at all. We ought to be here by middle of October to get the <end of the> fruit season; so that will only be 3 ½ months in England, or 4 ½ absence from here. I shall have to look sharp to get my work all reduced in that time, as all the unpacking & disposing of the things I bring will take some time.

Melville - with all his artistic experiences of roughing it - is so amused with the novelties of this abode & way, that he is going to make up a letter on it for some (Scotch?) paper for which he writes.

Letters recd many thanks & the last Pub Op

Cairo,

<u>Monday 16 May</u>

hundry 16 may W. hubille was It early for a shetch in the plain below, team of to breakfast about I's. Then we started of for M^r Melville was off early for a sketch in the plain Cairo, where hubrille went to Sheppeards (There he was (284) below, & came up to breakfast about 8 ½. Then we started off for stague after fixing me to come to lunch there. Iwent Cairo, where Melville went to Sheppeard's (where he was to post yearletters; then to Bank for \$ 14: N.B. The staying) after fixing me to come to lunch there. I went to post & got letters; then to Bank & got £ 10; N.B. The Bend of Egypt my take = 1/2 instead for Bank of Egypt only take ½ % instead of 1 %, & the man speaks English. Then to hotel & had lunch with M. & some of his friends who were out here the other night. We then had a long chatower autypites, xlooking over his pecture long chat over antiquities, & looking over Ms pictures, &c. Grose, the manager, also paints somewhat, getting a good forse, the manager, also paints somewhat, getting a good sale to tourists staying there: he shewed us a<n> oil picture sale to townsty slaying there: he showed as an oll freting by some Frenchman, which had the absurdity of the moon mendimone which had the absendity just half behind a <vertical> cliff <A> & yet lighting [♠] the foreground at B, which must be in deep shadow. The clouds also were very cranky going all manner of ways, & some no at B, which must be in deep showow. " the cloud also way in particular. The whole seemed to be evolved out of an were very crawby going all manner fromp, trome no extremely unobservant internal consciousness, color & all. way in particular. He whole seemed to be cooled out of an Yet it had been put at £ 1000, which Melville immediately knocked down to an estimate of £ 10. I also saw some impressions satrumly undoservent uteral consciousness whor & all. of scarabs which have been rather notorious, being forgeries, get it has been put at \$ 1000, Shiel welville immediately & get sold at a rattling price (£ 5 to 10 each) by the German purched form to an estimate of \$ 10. Jalos saw some unpressen consul at Luxor. I clearly saw in each, points which no Isiarabo Shich have been rather notorious being forgoing E old Egyptian would ever have made; & Grose agreed on the details, though he had only condemned them from <a> general tget sold at a rattling free (\$ 5 to each) by the ferman impression before. Then I went to D^r Grants & had a talk cound at duxor, I clearly sain in each, points which we with him, on requisite bakhshish on leaving here, &c. Both & No Egyptian would wer have made; & from agreed on the he & I have received an astounding offer from Brighton, to Ictails, though he had only condemned them four general disclose to us the place in the Δ of two ox hide rolls containing inspired writings for the close of this Dispensation!!! I enclose impression before. Then fromthe De fronts that a talk the letters < sent to me, >, & my reply, which please post: I want to draw the with him , on organista ballshish on leaving here to both he & I have necessary an astounding offer from brighton, to Disclose tous the place in the A of two ox hich notes containing inspired writing forthe close of this Dispusation !! I suche

the letters, Any neply, which please post: hwant to draw the

writer as a matter fourisity. Or go was thinking of stipulation to do it provided Burrow gave \$ 100 to Cairo Hospital if ruthing was found; not a had notion, but it would be ownhard taking the cash after all. Strangely anough he country just a test correctly apparently, for No worthenh the phran "the touth shall be established" ever occurs: this is the the suylo 3. Um I did some shapping, a started back, grathing the last 3 miles as husbamen had an anthony though coupty) box of April 2- thering one - Nich come with the new one; the last formers I sucked on the road. Here is a rich article or furnition from Sat. Rev.; & Isee that tranh bruchland would exactly have afforciated the costume of two garment, suo which I have come to been . Italville much prened his trome as his quest to Thephean's when I still a few days in Coirs, but I declined as I know it is a very a repension place, I also behould have to attend to appearances. more than at the Swoods. So he them said he would so me a shetch here when he comes out here again, as he witends doing in a few weeks, after thaneleft. I shall leave my touch & periture at his Isposal as Islands to any friend for grants, & he will have the key from the Dr. when he wants it. messay 17 may At breakfait there was a bit I from well the dop. Fint comes the little white are, & Levons rock-like bread left by melville sighted in scriptur sardine oil; looking round continuelly tree if any the day was coming: up come, Wastard, who in his usually affable manner-bother out-for some sarafas: he terring of round the corner I gave Whitey so a bit Miscuit, but no sooner was the counding fit heard than round spins wagter into

writer as matter of curiosity. D^r G. was thinking of stipulating to do it, provided Barrow gave £ 100 to Cairo Hospital if nothing was found; not a bad notion, but it would be awkward taking the cash after all. Strangely enough he cannot quote a text correctly apparently, for I do not think the phrase "the <u>truth</u> shall be established" ever occurs: this is like the Anglo Is. Then I did some shopping, & started back, g walking the last 3 miles as Mohammed had an awkward (though empty) box to carry otherwise, which I got for packing. Had supper & read Pub. Op. of April 2 - the missing one - which came within the new one; the last of course I sucked on the road. There is <in the old one> a rich article on furniture from Sat. Rev.; & I see that Frank Buckland would exactly have appreciated the costume of two garments & no more, which I have come to here.

Melville much pressed me to come as his guest to Sheppeard's when I stop a few days in Cairo, but I declined as I know it is a very expensive place, & also I should have to attend to appearances more than at the Europe. So he then said he would do me a sketch here when he comes out again, as he intends doing in a few weeks, after I have left. I shall leave my tomb & furniture at his disposal as I should to any friend of D^r Grant's, & he will have the key from the D^r, when he wants it.

Tuesday 17 May

At breakfast there was a bit of fun with the dogs. First comes the little white one, & devours rock-like bread left by Melville, & <which I> dipped in surplus sardine oil; looking round continually to see if any other dogs were coming: up comes Wagtail, who - in his usually affable manner - looked out for some scraps: he turning off round the corner I gave Whitey so a bit of biscuit, but no sooner was the crunching of it heard than round spins Wagtail into

the touch, wells Writing into no shape , kicking up a great of Whitey bowling of any how out of the loub, trops a single Shich lengtail picks up, & looks for more. His trampel way short however as big blick restrit, a strong fellow that can beat all the others, came strolling in . here saw I such an absurdly sycophantic smile as longtail just on, he held afe a pour, of smiled, xoringed apainst the door -pool, as much as to assum black thatil was the greatest pleasure in life to see him, xthat way task was only keeping the place weren for him. He managed homen to side out, & as soon as he was fairly astern of Black Herbite he botted to a sufe dutance. Every dog here knows the others strength so well, & precedence is so exactly settled by experiment, that squabbles are rare; it is only as incoherenced peop that ventures to try for a bit into presuce of a superior, the generally gets such a turn on for his presumption that he flies squealing It was med a delicionity woll-feeling, fresh, morning, that your out the thermon? I found it the 92 in shad, I have been so baked that I do not feel happy under 800.

Upler writing up this, Shil have to sleepy to to last night, & attending to misellanea, I showed the the way to clean his coins, he had some Hydrochloric acid, butwas afraid touse it; they charge 3 pours for a small bottle of it in lairs he says, whe was selythe thear that it only cost a piastre a found in Expland, & begged me to bring some. Ithen worked out the formulae for neduction of level (though taking some time, to inserve something) . There are necessary for computing the tomb, rolls Whitey into no shape, kicking up a great dust; Whitey bowling off anyhow out of the tomb, drops a scrap which Wagtail picks up, & looks for more. His triumph was short however as big Black & white, a sturdy fellow that can beat all the others, came strolling in. I never saw such an absurdly sycophantic smile as Wagtail put on, he held up a paw, & smiled, & cringed up against the door--post, as much as to assure black & white that it was the greatest pleasure in life to see him, & that Wagtail was only keeping the place warm for him. He managed however to sidle out, & as soon as he was fairly astern of Black & white he bolted to a safe distance. Every dog here knows the others strength so well, & precedence is so exactly settled by experiment, that squabbles are rare; it is only an inexperienced pup that ventures to try for a bit in the presence of a superior, & he generally gets such a turn over for his presumption that he flies squealing.

It was such a deliciously cool-feeling fresh, morning, that I got out the thermom^r & found it to be 92° in shade, I have been so baked that I do not feel happy under 80°. After writing up this, which I was too sleepy to do last night, & attending to miscellanea, I shewed Ali the way to clean his coins; he had some Hydrochloric acid, but was afraid to use it; they charge 3 francs for a small bottle in/<of> it in Cairo he says, & he was delighted to hear that it only cost a piastre a pound in England, & begged me to bring some.

I then worked out the formulae for reduction of level observations for big theod; this, <(though taking some time, to insure correctness)> was necessary for computing

the result in hypand, while leaving the instrument believed. His brother Abdurkahman, the chief ofthe village quands, brought of all his remainders of his stock fairtypites from the seasons selling, to get me to work them off, & leave him clear for a new stock. I am here about the night time wise; from travellers heving nearly ceased coming, the pupile with to realize on their 200 orus, without wanting for west season. Is they were cheap I took marly all; the good things have been all weeder out by his chester, he Lofter Asuch askectors. but still scarabei with inscription or figures, at 32 each, x little preclaim trukets ofpragments at I'm each, are a supe investment; there were also some browses retter interesting; three arrow heads among them (& I nementer sing one such sell for 15/- Ithink it a sale). I sundry comes mostly needing cleaning, but including many of Chapitre II with slephonts shin, which is not common. He most wins thing is a large rosette button Jouble this sier rather molly out throught it was in at first, but I find it is what the greater guit un scratchable by a knowle , youly cut into with head file. After suppor Isonto over all the lot; them worth this, of their about is?. There are delytiful melous coming in now . Igst some about quis long green all through, & of the consistency of a brilliams pear fratter like there it in flavour. Price 23; the 13 later in the season Do grant say that dibs (soid grap juin) is purely Syran, the has not some seen it, in Sprian families lage Lownsday 18 may After breakfast arrangery things byo & A totale casts & measures; with various delays it was I'i before for aption. I took a cast of the saw out on the exper, swhile that was setting Iwent of & prepare theboss; soon

the results in England, while leaving the instrument behind. Ali's brother Abdurrahman, the chief of the village guards, brought up all his remainders of his stock of antiquities from this seasons selling, to get me to work them off, & leave him clear for a new stock. I am here about the right time now; for travellers having nearly ceased coming, the people wish to realise on their odds & ends, without waiting for next season. As they were cheap I took nearly all; the good things have been all weeded out by M^r Chester, M^r Loftie, & such collectors; but still scarabei with inscription or figures at 3 d ½ each, & little porcelain trinkets & fragments at 7 d ½ each, are a safe investment; there were also some bronzes rather interesting; three arrow heads among them (& I remember seeing one such sell for 15/- I think, at a sale); & sundry coins mostly needing cleaning, but including many of Cleopatra IV with elephants skin, which is not common. The most curious thing is a large rosette button [♠] double this size, rather rudely cut; but I thought it was in limestone at first, but I find it is white of a qui quarty? <hard stone glazed?> quite unscratchable

by a knife, & only cut into with hard file. After supper I sorted over all the lot; then wrote this, & to bed about 12 ½.

There are delightful melons coming in now. I get some about 9 ins long, green all through, & of the consistency of a Williams pear & rather like them it in flavour. Price 2 d; to be 1 d, later in the season. Dr Grant says that dibs (dried grape juice) is purely Syrian, & he has not even seen it <here, even> in Syrian families here.

Wednesday 18 May

After breakfast arranging things to go to Δ to take casts & measures; with various delays it was 1 ½ before I got up there. I took a cast of the saw cuts on the coffer, & while that was setting I went off to prepare the boss; soon

after theard a moire Hong to book I found the planter has set Afallin of the greased surface, with nodamage but a chip of the corner . I then went on with doing the boss . I had to dean it will from all the bad plaster of former casters. I found that W. Hall's box was not available, for the following reasons; Thomby because it is only 7 × 11-2 whereas any cost (which is none too large) is 92 × 13 = Vouly just shews surrounding surface well. Diseing so narrow it would butch onthe splay of the bors, which is I'm at wivest, what the planter is remout. (3) The grant is so imagular in its dressing, that the box touching of the prominent point, mught bet the plaster orment, win any case the point of the plaster would project to inch above the sides of the box, & the cast of the joint 30th, The box had spend its joints with the drought, the plaster would own into them The cast would be about twice as heavy, the as I have it only about 1/3 inch thick. So I did it tike all smaller casts, by plantering it on the surface; beginning at the bottom, Hourding on batches fabout 1H at a time with it was covered, the advantage of this way is that me large air bubble are prosible the only occasional seams between the batches shew. Just us it was Ine two hypithman come up, & made some remarks very civilly; I just booked into King chamber after them, & to my astonishman heard a smash behind me & found my cast had fallen off-like that from the after - but unhappily smarked. I did not at all & sepect thing as I thought the projection of the boss, & the deep joint -cast, would hold it on. I after some necessary delays I built up another, whell it for a few minutes, until I heard by its tone on santeling it that it was detached, Men Wifted it of. I then went to they chamber, & took casts of two take will markes in

after I heard a noise, & going to look I found the plaster had set, & fallen off the greased surface, with no damage but a chip off the corner. I then went on with doing the boss. I had to clean it well from all the bad plaster of former casters. I found that M^r Hall's box was not available, for the following reasons; (1) Mainly because it is only 7 x 11 ½ whereas my cast (which is none too large) is 9 ½ x 13 ½ & only just shews surrounding surface well. (2) Being so narrow it would hitch on the splay of the boss, which is 7 ½ at widest, & let the plaster run out. (3) The granite is so irregular in its dressing, that the box touching at the prominent points might let the plaster run out, & in any case the points of the plaster would project 1/10 inch above the sides of the box, & the cast of the joint 3/10 th. (4) The box had opened its joints with the drought, & the plaster would run into them (5) The cast would be about twice as heavy, & its as I have it only about 2/3 inch thick. So I did it like all smaller casts, by plastering it on the surface; beginning at the bottom, & building on batches of about 1 tb at a time until it was covered; the advantage of this way is that no large air bubbles are possible, & only occasional seams between the batches shew <I take care to key them well together, & build on half-set parts.>. Just as it was done two Englishmen came up, & made some remarks very civilly; I just looked into Kings Chamber after them, & to my astonishment heard a smash behind me & found my cast had fallen off - like that from the coffer - but unhappily smashed. I did not at all expect this as I thought the projection of the boss, & the deep joint--cast, would hold it on. So after some necessary delays I built up another; & held it for a few minutes, until I heard by its tone on scratching it that it was detached, when I lifted it off. I then went to Kings Chamber, & took casts of two tube drill marks in

Where a boss had been dressed away If one of the blocks. The right Do frankwas here we scound the walls in search of bosses, of mund traces of bord more, allow blocks Abottom course. These intenting to some work outside I left taking measures quent out, but found it was 6 instead of 3 or 4 o'clock as that imagined. So Loughas time to take the plane of ever on NE sochet again may carefully, 3 reading of the face looking to the top, same across musth, & as low as possible our mobile heafs, there being a sestenet difference, i.e. the face not a plane. This I without to for each corner the nexults being so important. Hun after suffer, with this, & to hid about (0; in helpes grown gody towns. Unishoung 19 may of by 10 is to A not waking carry. There brend the bester in Entrana Passage flow; they are charly ent from below upward, & are unfit for Extracting the blocks, which some suffere to heur been putin. Also the greatest cut out meanths bottom is of original work affarently; That long seen that it was very negular steep, & way bour three places with plaster Jawhed in with the the modern or by mene destructionists; also it begins level finger, into a joint option in the side of the cutout, hence it of this last is just level with beginning of suggest it being amount. Then I levelled from Entraned to Ascending passage. As staff 160 inches longwar put vertical in Almamoon's hora. The short focus theod. was set on rubbil in Entrancep. , & read on rod, a then on floor fentrance parage, joining its reading outomarks left from my taking the Note length. Then the theod was put in bounding passage

coffer, of the corner of the cut out ledge, & of the difference of surfaces where a boss had been dressed away off one of the blocks. The night D^r Grant was here we scoured the walls in search of bosses, & found traces of 6 or 8 more, all on blocks of bottom course. Then intending to do some work outside I left taking measures & went out, but found it was 6 instead of 3 or 4 o'clock as I had imagined. So I only had time to take the plane of curve on NE socket again, very carefully, 3 readings of the face looking to the top, same across middle, & as low as possible over rubbish heaps, there being a distinct difference <of 2 or 3 inches at least>, i.e. the face not a plane. This I intend to do for each corner, the results being so important.

Then after supper, wrote this, & to bed about 10; in hopes of work early tomorrow.

Thursday 19 May

Off by 10 ½ to Δ , not waking early. There observed the holes in Eastern Passage floor; they are clearly cut from below upward, & are unfit for extracting the blocks, which some suppose to have been put in. Also the greatest cut out near the bottom is of original work apparently; I had long seen that it was very regular & deep, & to day I saw three places with plaster daubed in with the fingers, into a joint of stone in the side of the cut out, hence it cannot be modern or by mere destructionists; also it begins level thus [\Re] & this level <part> is just level with beginning of

Ascending Passage floor, which again suggests it being ancient.

Then I levelled from Entrance <P.> to Ascending passage. As staff 100 inches long was put vertical in Al Mamom/<n>'s hole. The short focus theod. was set on rubbish in Entrance P., & read on rod, & then on floor of entrance passage, joining its readings onto marks left from my taping the whole length. Then the theod was put in Ascending passage,

is but no standing place would seether staff, & he in focusto parrage wall. A so lect it muster within reach of the Ewall; nead on the rod & then reda adjusted a black bar (pencil or studenasum) so as to read level in the out of found its place on floor. Thus I got the Exact diff. flend between two points in Entrume & Ascending passages, turnest important form for settling book feliambes. Unis neduced gives 254.4 from CP. 5's zero in A.P. to floor E.P. (or 2 50.8 if the augh Massays by plup is same as in E.P.) & the mannes timeally of cp. s. give 252.5. Hence Mane my own meanner entimuous from casing to framfalling. They come blocks was as great as Entrance punge angle. It want of plang I then tested my differences from CP. S. in long measures; as the Discrepancies oceur in perticular points mainly, x are hence chechable by ord measures. In two cases that unitaken whole inclus but in total buythe Hune now Auflicat measures, quite indefendant, agreeing within 2 or 3 tentles, but differing from CP. 5. by 2 or 3 inches; hance I conclude his weamner slipped, farticularly as his worst difference, in A.P., occurs just at its roughest part, over which the take stretched without any preepteblisher. Then I measured the walls of k.C. by now to settle difference between CP.S. Aug other measures. Here where I find that I was not wrong in the main bisonifancy between us, but him again the floor is broken up, whence CP. 5. smor probably wrose. Then meanund the height ofthe 1steourse about the floor all round in 14 places. The differences flevel carriet be due to the diffing beauty

but no standing place would see the staff, & be in focus to passage wall; so I set it near the within reach of the E wall; read on the rod, & then rod on adjusted a black bar (pencil or steel measure) so as to read level in theod <out of focus> & read its place on floor. Thus I got the exact diff. of level between two points in Entrance & Ascending passages, the most important form for settling levels of chambers. This reduced gives 254.4 from C.P.S.'s zero in A.P. to floor E.P. (or 250.8 if the angle of passage by plugs is same as in E.P.) & the measures lineally of C.P.S. give 252.5. Hence I have my own measures continut/<o>us from casing to Grand Gallery. They come out thus casing—

blocks was as great as Entrance passage angle.

I then tested my differences from C.P.S. in long measures; as the discrepancies occur in particular points mainly, & are hence checkable by rod measures. In two cases I had mistaken whole inches, but in total lengths I have now duplicate measures, quite independent, agreeing within 2 or 3 tenths, but differing from C.P.S. by 2 or 3 inches; hence I conclude his measures slipped, particularly as his worst difference, in A.P., occurs just at its roughest part, over which the tape stretched without any perceptible error. Then I measured the walls of K.C. by rods to settle difference between C.P.S. & my other measures. These shew I find that I was not wrong in the main discrepancy between us, but here again the floor is broken up, & hence C.P.S. error probably arose. Then I measured the height of the 1st course above the floor all round in 14 places. The differences of level cannot be due to the digging beneath

as the block are mearly 2 inches ligher over the Excuration, than they are in the underturbed part by the door. Then beame out about 4 todo some so work inthe collection. There was a stiff breeze blowing at about 100°F or over, from the s.w. I chance a good deal ofthe bottom of the who over the SE socket of 12 of formal that it was sorry curious, a truckent inthe rock, they outr wow. In crossed part is much deeper (one 9 inclus the other parts are 2 to 4 inclus on Said , Hover 6 in on E. The truck is about 7 to 71 in wide, & my rough shiping sides ha It would be interesting to clear all round this, ? funderstand it, but hamot wait for that now. I fixed all this in relation to the big triangulation, & by that time it was sunset. Then back to suffer. a thunderstorm byon with a Nivind advancing, Frund lightening about 10 miles of over the selter. As the storm went on there was lightening of themour between the clouds, about 1's wils ligh, all along the junction of the winds across their line of blow, for 15 wills or more. Unair was 940 though mary sach. Then a furing wind storm arose, + rained sand on my door; & after that the air is now (11 pm) quite col, under do". Friday 20 may Put some of gutta percha soles to boil up while I had my bath, & then working the bit up into a mass, I gave them a final boil, & wrapping the sancefour in an Welst went of to the fraut temple. There Igst a toterath cast ofthe most decisive of the tube doil heles in the advor socket but could not make the guttap, squeeze into the narrow circular grove allrowed; still it shows it clearly. Being an upsile. som hole plaster to will who at all; perhaps beeserax enight do it well. The Much surplayed by the museum here is

as the blocks are nearly 2 inches higher over the excavation, than they are in the undisturbed part by the door. Then I came out about 4 to do some m work in the cooler time. There was a stiff breeze blowing at about 100° F or over, from the S.W. I cleared a good deal of the bottom of the hole over the SE socket of Δ^2 & found that it was e/<v>ery curious, a trench <[\Re]> cut in the rock, thus $[\Re]$ outer corner The crossed part $[\Re]$ is much deeper (over 9 inches) the other parts are 2 to 4 inches on S side, & over 6 ins on E. The trench is about 7 to 11 ins wide, & very rough sloping sides $[\Re]$

It would be interesting to clear all round this & understand it, but I cannot wait for that now. I fixed all this in relation to the big triangulation, & by that time it was sunset. Then back to supper. A thunderstorm began with a N wind advancing, & much lightening about 10 miles off over the Delta. As the storm went on there was lightening & thunder between the clouds, about 1 ½ miles high, all along the junction of the winds across their line of blow, for 15 miles or more. The air was 94° though nearly dark. Then a furious wind storm arose, & rained sand on my door; & after that the air is now (11 pm) quite cool, under 80°.

Friday 20 May.

Put some old gutta percha soles to boil up while I had my bath,& then working the bits up into a mass, I gave them a final boil, & wrapping the saucepan in an old cloth went off to the Granite Temple. There I got a tolerable cast of the most decisive of the tube drill holes in the <a> door socket; but could not make the gutta p. squeeze into the narrow circular groove all round; still it shews it clearly. Being an upsidedown hole, plaster, &c, will not do at all; perhaps beeswax might do it well. The Arab employed by the Museum here as a general superintendent, sa met me going down with

the saucepour; I exchanged "melserak saida" (good day) with lin the went to the who that seen near x asked him That I could be doing? was I going to cook? So Ali, delythe to there him of the scent, asserved him how going to to cooking in the temple; as leave out I wet him again Evidently for me; he said comething, I forget what, so had mighands full bid him look in the steerpain; with great curiosity he saw a tree pot floating in a lot of disty warm water, so elapping it on with a largh he left we, probably convinced Itte insum ofthe strange knowing a by this time. There back to breakface my betth having boiled while hear out. When an Ild man who alma. I saw they would clean well woh being much ox direct through. The mes hourt to me is that the home routed bars are cast over de iron rod, the iron . 2 4 this fram, 4 the brass . 06 thick, & excellently centered around the iron come. The apright, where so much strengthe was not needed, are brass all through. When after breakfast marked two streets Maker with dark blen crayon into alternate light Harh inches for leveling. When If to A about with the. Sticking the papers on two now with & scraps of wax, I set me at A wall from falling hitching the now aponight just at the joint intufloor; the other best by the wiche in Quesis Ch. with Ali to illuminate it . Then setting then in Journays between them, I levelled Q.C. from suit of Ascending passage, dif 1821 inches, or first lap fuiche 48.76 over bying offrant fallery.

the saucepan; I exchanged "neharak saida" (good day) with him, & he went to Ali who I had seen near, & asked him what I could be doing? was I going to cook? So Ali, delighted to throw him off the scent, assured him I was going to do cooking in the temple: as I came out I met him again, evidently waiting for me; he said something, I forget what, so as I had my hands full I bid him look in the stewpan; lifting the lid with great curiosity he saw an a tin pot floating in a lot of dirty warm water, so clapping it on again with a laugh he left me, probably convinced of the insanity of the strange khawaga by this time. Then back to breakfast, my kettle having boiled while I was out. Then an old man who peddles in antiques, brought in portions of a
 stronze> frame work, ornamented with bulls heads, two pieces thus, [R] & one head alone. I saw they would clean well, not $(3 \frac{1}{2} ins)$ being much oxidized through. The most interesting high) point to me is that the horizontal bars are cast over an iron rod, the iron .24 thick diam, & the brass .06 thick, & excellently centered around the iron core. The uprights, where so much strength was not needed, are brass all through. <I bought them at a cheap rate. > Then after breakfast I marked two strips of paper with dark blue crayon into <10> alternate light & dark inches for levelling. Then off to Δ about 1, with Ali. Sticking the papers on two rods with a scraps of wax, I set one at w/<N>. Wall Grand Gallery, hitching the rod upright just at the joint in the floor <& lifting it with a candle on the ramp>; the other I set by the niche in Queen's Ch. with Ali to illuminate it. Then setting theod in passage between them, I levelled Q.C. from end of Ascending passage, dip

18.21 inches, or first lap of niche 48.76 over beginning of Grand Gallery.

Ali unhapping turned faint, a thing he is liable to, & I had to went a bit. Then I gor him that now , & levelled five internally bruts along the passage. There going of to King chamber set there in Autich. Headled from great step to King Ch. Kalso each intermediate stone. K.C. floor by four is 1.11 long then freat stelp. I saw that the namps were not square at the appeared, but slipethus of about lind on their out to grandfall?; whole legth of less than CD. 5., but a way compile in one part. There previous measures to check this. Then let the tape hie all down the E roup, the shortening by the catenary over the booken part being under Two inch: let it down source way to reach bottom, the junction ofthe two lengths being fixed of 3 points in common absorbes distance apart which agreed well. By this the length off from Novall to step face, on elspe, is 1815.4 + to swall 1883.5. This is Mole site of g. having slid that amount or wand over the floor, causing exacts all up both ends by the distocation Mu Sifference of of pour cip. S. occurs all above the broken part ofrant, but hamor inagine the take the wrong, expecially as there found CD.S. wrong in Atur passages. Then tweasured the height ofthe Antichamber harrages. Then the opened joints in kings chamber, along 2 we course; the sum of the opening is Nwall 21, W38, 5.41, E-14 many after four half are close & not at all wider than the mortar. these cracks are spenings beside the morter, & the measures of

Ali unhappily turned faint, a thing he is liable to, & I had to wait a bit. Then I got him to hold rod, & levelled five intermediate prints along the passage. Then going up to Kings Chamber, I set theod in Ante ch. & levelled from great step to Kings Ch. & also each intermediate stone. K.C. floor by door is 1.11 lower than great step. I saw that the ramps are not square at the upper end, but slope thus [♠] about 1 inch on their width. I also measured with steel tape from Kings Ch. out to Grand Gall^y; whole length .4 less than C.P.S., but a whole inch difference in one part. I have <very careful> previous measures to check this. Then let the tape lie all down the E ramp, the shortening by the catenary over the broken part being under 1/100 inch: let it down some way to reach bottom, the junction of the two lengths being fixed by 3 points in common at some distance apart which agreed well. By this the length of G.G. from N wall to step face, on slope, is 1815.4, & to S wall 1883.5. This is allowing for a separation of .3 between step & end of ramp, the whole side of G.G. having slid that amount <(or .44 on West)> downwards over the floor, causing cracks all up both ends by the dislocation. The difference of .7 from C.P.S. occurs all above the broken part of ramp, but I cannot imagine the tape to be wrong, especially as I have found C.P.S. wrong in other passages.

Then I measured the heights of the Antechamber passages. Then the opened joints in Kings Chamber, along 2nd course; the sum of the openings is N wall .21, W .38, S .41, E .14; many of them <joints> (over half) are close & not at all wider than the mortar; these cracks are openings beside the mortar, & the measures of

the clamber now and arethin well larger than when built. Jalso ounted the traces posses along the K.C. Hicourse, 5 on North How W, 3 (07?) on S, 3 on E; many ofthem shew any plainty where they were, but some are indistinctly meorged in the 294 r oversing ofthe block. Uni finishes all that Inechon Ican usefully do incide without chilled help: Truight do a lot of joint measuring in from fallery, but the manifest erryularity of joints in many cases, of the lack of any satisfactory we ofthe host of joint measures already taken, quake me lukawam about such worle; & Ithink the time night be better cuplyed, E. g. in good course menuns. Then I despatched Ali beach with the thing of took accurate 3 reading on 3 parts feed face is 72 readings all many estimations of planes of core on NW & SW sochety. There is not trace fany line ontride the recognised sochet edge at SW, except a possibility of inagining one at 17 to 17.2 S, Vanthe at 13.8 w; but there are but the shadows I ghost, & an Involubly only fortuitous arrangement of some the gran fits of the generally mongh surface : also the stone slopes arrang 4. directly on the is side from the drawn line depling 1.5 on 10, for all the sochet floor is built. I'm sochet floor has traces ofthe veline of the facing plate, on allit pronumences. Then back trupper by last; encember structures; retrains masures; with this; + hid about 1/2 Seturday 21 may off before breakful of bother at 5 w sochet again, seeing purille traces of lives at 9.80. 412.2 W. of socket siles, but) think hould find just as good marks anywhere Else. Then took

the chamber now will are this much larger than when built. I also counted the traces of bosses along the K.C. 1st course, 5 on N wall, 4 on W, 3 (or 7?) on S, 3 on E; many of them shew very plainly where they were, but some are indistinctly mr/<e>rged in the dressing of the block. This finishes all that I reckon I can usefully do inside without skilled help: I might do a lot of joint measuring in Grand Gallery, but the manifest irregularity of joints in many cases, & the lack of any satisfactory use of the host of joint measures already taken, make me lukewarm about such work; & I think this time might be better employed, e.g. in good course measures. Then I despatched Ali back with the things, & took accurate estimations of planes of core on NW & SW sockets <3 readings on 3 parts of each face, i.e. 72 readings all round Δ .>. There is no trace of any line outside the recognised socket edge at SW, except a possibility of imagining one at 17 to 17.2 S, & another at 13.8 W; but these are but the shadows of ghosts, & are probably only fortuitous arrangements of some of the gene pits of the generally rough surface: also the sone slopes away directly on the W side from the drawn line, dipping 1.5 on 10, & on the S. it is the edge of the stone, <for all the socket floor is <u>built.</u>> (or rock?). The socket floor has traces of the ochre of the facing plate, on all its prominences. Then back to supper by dark; cucumbers & tomatoes; reducing

Saturday 21 May

Off before breakfast & looked at SW socket again, seeing possible traces of lines at 9.8 S. & 12.2 W. of socket sides, but I think I could find just as good marks anywhere else. Then took

measures; wrote this; & bed about 11 ½.

offsels from rough trangulation points on walls believed 22, a ist that has wanted for a month on more. I am more courinced that the so called "rows of rubbish" up in the corner of the banks or walls, are remain of regular walls, probably of melling, there are destind lines of facing, of blocks a wanged with flat faces out, & Irofect all the lives are negular walls if they were cleared a little fraud. From their manifest connection with De brafect they are the overseers houses but at put up during the building of the &; & it would behighly interesting to clean out a few of the rooms. View back to breakfast. N.B. There is a lot of growthit, which is used should for Shetstones, all fated ging in a heap by this overseens corner, & among it I found that bit of or hiad over life size; ? are there fragments of statues emashed by chedre & chiphren & used for Notation to that out of the way shot in latertimes. After breakfast to Dr. Here pressured all that hould, except lengths of passages which Idid not think worth while trying. Un wifer is a very fine piece of work, better in execution than that of a in sommet as there are no traces of bad drill holes, only one bow saw cut , to that on the bottom) of the surfaces Evor line polished finely swaft the bottom, though the sides were completely the average variation is . 34 . On the bottom is one saw cut run into deels, Hacked out again millellelle of which Hook a cast Half ofthe bottom has had the our lines picked out his funiform defits (within 01) but the part who seesed is too small by 20 maximum is but eat.

offsets from rough triangulation points on walls behind Δ^2 , a job that has waited for a month or more. I am more convinced that the so called "rows of rubbish" up in the corner of the banks or walls, are remains of regular walls, probably of dwellings; there are distinct lines of facing, of blocks arranged with flat faces out, & I expect all the lines are regult/<a>r walls if they were cleared a little of sand. From their manifest connection with Δ^2 I expect they are the overseers houses built abov put up during the building of the Δ ; it would be highly interesting to clean out a few of the rooms. Then back to breakfast. N.B. There is a lot <3 or 4 cart> of quartzite, which is used elsewhere for whetstones, all piled lying in a heap by this overseers corner, & among it I found that bit of a head over life size; ? are these fragments of statues smashed by Cheops & Chephren & used for whetstones? I cannot imagine any one carrying <hundred weights of> fragments of statues to that out-of-the-way spot in later times. After breakfast to Δ^2 . Here I measured all that I could, except lengths of passages which I did not think worth while trying. The coffer is a very fine piece of work, better in execution than that of Δ^1 ; in as much as there are no traces of bad drill holes, only one bad saw cut, (& that on the bottom) & the surfaces everywhere polished finely except the bottom, though the sides were completely built around. high

The dimensions are { out 103.68 41.97 38.12 { in 84.73 26.69 29.59

the average variation is .04 < (I <u>took</u> 94 measures of it in all)>. On the bottom is one saw cut run

in too deep, & backed out again $[\Re]$ of which I took a cast. Half of the bottom has had the saw lines picked out, & is of uniform depth (within .01) but the part not dressed is too small by .20, maximum in bad cut.

Un chamber is also beautifully regularly Excerated; Imade it E195.8 N 537.9 } To that it is guit as regular as the kings tier. High 206:4 to beginning Islike rook. Talso measured the lower chamber. On coming out yound it was too late to No inside pl 3, as it was cool with a pleasant wind. So ? set up there on a statum insul of the NE come of A a a step, of fixed position of station down as well floor. Then Some to the touch , left some things , got a speede , & cleaned out subbirli from SE socket of A. I then took places on bother sochet floor. There was done this again all mound, 75 estimation in all; the new result (barries and corneting for sochet sides curvature on NE) are reduced to farceut level EnsE SonSE SonSW WonSW WONNW NonNe 62.5 67.1 for Inchon the estimation close to base as clearly eveneous, owing to hollow of every side being greatest at base, & corner upward over the mobish houles. It is striking how parallel all the sides but the S., and; N64-6\$ E 69-69 W55-58 568-52 I have not got the sides of core as previously stated, only the anyles were sent, but I think these better figure, or not give such concordant results. Then I measured the socket best the Digunds are charly 2003 inches water 100 at the bottom, & all the sides slope. Then back to appear, neothering bearvatures, worke this, & to had about 122. This heat, never under 800, or Atten 90° or som 100° is beginning to feel offeressive tweerisone, & faunt if possible get If on handay, so as not to make another

The chamber is also beautifully regularly excavated; I made it E 195.8 N 537.9 W 195.9 S 557.4 } so that it is quite as regular as the Kings $<=9\frac{1}{2} \times 20.618 = 27 \times 20.654$ ± 5 $\pm 9>$

chamber. High 206.4 to beginning of slope roof. I also measured the lower chamber <= 10 x 20.64 =>. On coming out I found it was too late to do inside of Δ^3 , as it was cool, with a pleasant wind. So I set up theod on a station inside of the NE corner of Δ^2 on a step, & fixed position of station down on socket floor. Then down to the tomb, left some things, got a spade, & cleared out rubbish from SE. socket of Δ^1 . I then took planes of faces on to this socket floor. I have now done this again all round, 75 estimations in all; the new results (barring small corrections for socket sides curvature on NE) are, reduced to pavement level,

	N on NE	E on NE	E on SE	S on SE	S on SW	W on SW	W on NW	N on NW
by top of Δ	64.0	69.7	69.4	69.3	51.3	52.6	57.7	66.4
across mid face	62.5	67.1	67.5	66.8	52.1	56.0	56.8	63.4
as near base as	} 72.5	70.2	74.0	72.2	57.0	59.6	63.3	63.5
possible								
I should adopt	64	69	69	68	52	55	58	65

for I reckon that the estimation close to base as clearly erroneous, owing to hollow of every side being greatest at base, & corner being broken away, making it thus [**] (plan) broken looking upwards over the rubbish heaps. It is striking how parallel all the sides but the S., are; ** 64-69/<5> ** 69-69 *** 55-58 ** 68-52. I have not got the sides of core as previously stated, only the angles were sent, but I think these better figures do not give such concordant results. Then I measured the socket, but the diagonals are clearly 2 or 3 inches under 100 at the bottom, & all the sides slope. Then back to supper, reducing observations, wrote this, & to bed about 12 ½. This heat, never under 80°, & often 90° or even 100° is beginning to feel oppressive & wearisome, & I must if possible get off on Monday, so as not to make another

week with this also my biscuits jour or closed are all at an End & It ustrant theme toget more stock in Sunday 22 may lot up very Early; after breakfast, ready to I had a tall with this a countries sawinging several matters which I must to before Lgo. Thepe over that Ishall get of tomorrow even or hierday mon: but I leave and one a lot of thing housed to get through; however I suffere I always shall ful that there is plenty bearing as only a temporary run home for a few months. be aunst if possible be out again by middle of vetober, so us to get the fruit season, I have all the best cool time for work. Sugne boled in inthe afternoon, & pressed we town & dine, or have coffee attact, with him; but lassund him that I had no sort of time for it, othat ower & thoursaleman had both been refused, so that I will not now go to him. If I went to any houst make a round of it; for the would be sure to feel found to sector tain un, & then Sheibh Moralim & probably also Abu Talik would be smally difficult to refuse; & every case would neguine a capiel of some handown sort Hakhshirt hoids thus swallwing up a good part from Lay for a Monday 23 many out by 7 = to 23; there meanered the form boun courses at tack corner, took level (by vertical ruing)

week with Ali; also my biscuits jam & chocolate are all at an end, & I do not want to have to get more stock in.

Sunday 22 May.

Got up very early; after breakfast, reading, &c, I had a talk with Ali; & considering & arranging several matters which I must do before I go. I hope now that I shall get off tomorrow even., or Tuesday morn: but I leave undone a lot of things I wanted to get through; however I suppose I always shall feel that there is plenty more to be done whenever I go, & I hopefully look on this leaving as only a temporary run home for a few months. We must if possible be out again by middle of October, so as to get the fruit season, & have all the best cool time for work. Smyne looked in in the afternoon, & pressed me to come & dine, or have coffee at least, with him; but I assured him that I had no sort of time for it, & that Omar & Abdurrahman had both been refused, so that I could not now go to him. If I went to any, I must make a round of it; for Ali would be sure to feel bound to entertain me, & then Sheikh Ibrahim & probably also Abu Talib would be equally difficult to refuse; & every case would require a sequel of some handsome sort of bakhshish, beside thus swallowing up a good part of every day for a week.

Monday 23 May

Out by 7 ½, to Δ^3 ; there measured the four lower courses at each corner, took level (by vertical mirror)

of rock found in degling, or of fruit less bottom of begging, & also took carefully the distance of station marks wiself the meanflaced of Each faces, & their connection to fortune of carriery maning in one place, then to slope stones over 1' door, meanward plane of them, whicher just as in CA. So plate, New took angles Atrial purges, Sinch are Just as A parrayes. Here buch to tremb by a little after 10. Has breakfast; Apicher on packing up. By about 3's Illrought Haw just down, so sent the themat ronkey; but found by & that hurst either go tomorrow or else leave finishing the body or there was an hours sless twood simplify matters it I from there when they care of work ableast still too. To drow her up, I came of with the Sound; westing tunhaming coming back he took me in always, but somewhy Abu & carreals all through first, smile, there as it was late for them knotum I was to and onley or , xeeine up to my Il quarter at Hotel & Europe, Thave not some a good room this time. Then out to diner, I there as it was late I I'm motings to De f. best booked in on melville at Thepheans. if fixed togo to Bulole unserme theorem after. Tuesday 24 many to Dr fronts, southin for about 2 horr. He boland own my bo of sewebs : Head endenmed 12 2 out of the 96 as forgeries, she says 17; but his neckaned over sufficial by his chester & others. There begans me letter

of rock found in digging, or of fruitless bottom of digging: & also took carefully the distance of station marks inside the meanplace of each faces/<e>, & their connection to portions of casing remaining in one place. Then to slope stones over Δ^1 door, measured plane of them, which is just as in C.P.S. plate. Then took angles of trial passages which are just as Δ passages. Then back to tomb by a little after 10. Had breakfast; & pushed on packing up. By about 3 ½ I thought I had just done, so sent Ali to hunt up a donkey: but I found by 4 that I must either go tomorrow or else leave finishing the boxes as there was an hours work at least still to do. < Also it would simplify matters if I was there when the cart came. > So I washed up, & came off with Abu Saud; meeting Muhammed coming back he took me in charge, but somewhy Abu S. came also all the way to Gizeh, 5 miles. There as it was late for them to return I was transdonkey'd, & came up to my old quarters at Hotel d'Europe. I have not such a grand room this time. Then out to dinner, & then as it was late, I did not go to D^r G., but looked in on Melville at Sheppeard's; fixed to go to Bulak Museum tomorrow aftⁿ.

Tuesday 24 May

To D^r Grant's, saw him for about ½ hour. He looked over my list of scarabs: I had condemned 12 out of the 96 as forgeries, & he says 16/<7>; but he is reckoned over sceptical by M^r Chester & others. Then He gave me letter

from home, That been much purshed abjetting hapers but us letter. Then I had my bair out, I went up to citabel : going of the never winding love certain there och where the travelable = were masseared. He view is very fine allower Cations, & with a pleasant wind of some clouds it was really sulflitful. Unable statel of besent is well seen, from Not the Reach som to Dahshers, all the Byramids shewing finely. It is not see anything bothing hartenty Al or worth measuring, though the citabil date, from 1160. Then dron, had timel, I to sheppeared's where I met Indville, I we walked If Ata Bulale mus. I bothed at the though carefully, but the absence full labels (Except on a few bightings that need them less) of of all arrangement of the scarber or naming ofthem, is very provoking. It. doses at 5, so we come back, I came to my more intending to go out again to the mobile mound has Ifelt so done up, that Isal I could for an hour, o then went to times. By 8 Iwish to fo again, as he to me that we go could tell me most about steamers. They had not begun supper, in clear of having anded as I hoped, but mos of. set med own, & that a talk entel the I'c came in about an home late; It seems that there is nothing better them mores; the others to South I foring from Suez, where Imust waste some truce, as there is nothing the asat flex "; & also costry about 7 times Also steamers we full way so trunch with inwediately.

from home. I had been much puzzled at getting papers but no letter. Then I had my hair cut, & went up to citadel: going up the narrow winding lane cut in the rock where the Mamelukes were massacred. The view is very fine all over Cairo, & with a pleasant wind & some clouds it was really delightful. The whole stretch of desert is well seen, from N. of Abu Roach down to Dahshur, all the Pyramids shewing finely. I did not see anything looking particularly old, or worth measuring, though the citadel dates from 1160. Then down, had lunch, & to Sheppeard's where I met Melville, & we walked off to the Bulak Mus. I looked at the things carefully, but the absence of all labels (except on a few big things that need them less) & of all arrangement of the scarabei or naming of them, is very provoking. It closes at 5, so we came back. I came to my room intending to go out again to the rubbish mound, but I felt so done up, that I sat & cooled for an hour, & then went to dinner. By 8 I went to Dr G's again, as he told me that M^{IS} G. could tell me most about steamers. They had not begun supper, instead of having ended as I hoped, but M^{rs} G. sat me down, & I had a talk until the D^r came in, about an hour late. It seems that there is nothing better than Moss; the others to Southⁿ, going from Suez, where I must waste some time, as there is nothing to do, as at Alex^r; & also costing about 7£ more. Also steamers are full now so I must write immediately,

Italia penge if pessible in one sailing about middle of 300, next week. It of asked in tree about getting platos for Prof. Hamilton Smith Joydeney Hall, & Isliall begetting some for anyelf. Inventioned that I what it judget as I had left my paper locked up in my trut, two slivet feast, so he immediately offend there to or what drught went, its it would some our extent owner to the Bramin's Ithanpfully acception his offer , years him am 1.0.11. for it he fact how rather in straits, & afraid that Island weed the over to to be fore he with the cart for the things. Then as the Dr. was coming my way he drove me from to the little. With the Hober about 4 to 12, humacured at seeing a hullamenden (several fullion come into the vectoring quietty & smiddly min of few of clovet waln, & oranin it to the last brop ar once so as not the observed by the street Phere saw sheet about Casts in A to Sydney Hall. As Hind the mail is gone Sevetime here wednesday 25 may I intended going to terenthing to day, or had said to, but Ifelt so preer with a non-throat that I settled after jumping up at 6 2, that that better turn in again To getting of rather late, then went blocked over a large quantity of Plutos of the best man here, spleating in all

to take passage if possible in one sailing about middle of next week. Dr G. asked me to see about getting photos for Prof. Hamilton Smith 5/<&> Sydney Hall, & I shall be getting some for myself. I mentioned that I could not do it just yet as I had left my papers locked up in my tomb, & was short of cash; so he immediately offered to lend me £10 or what I might want, As it would save an extra journey to the Pyramids I thankfully accepted his offer, & gave him an I.O.U for it. <€6.> In fact I was rather in straits, & afraid that I should need to go over to Δ before I went with the cart for the things. Then as the D^r was coming my way he drove me down to the hotel. Wrote this & to bed about ¼ to 12. I was amused at seeing a Muhammadan (several of whom came into the restaurant) quietly & quickly mix a glass of claret & water, & drain it to the last drop at once so as not to be observed by the strict Muslims

Please send sheet about Casts in Δ to Sydney Hall.

As I find the mail is gone I continue here.

Wednesday 25 May

I intended going to Memphis to day, & had said so, but I felt so queer with a sore throat that I settled after jumping up at 6 ½, that I had better turn in again. So getting up rather late, I then went & looked over a large quantity of Photos of the best man here, selecting in all

50 large ones, (73/4 × 103/4 memorated) which are weally cheap hore, only or each, there are for Hamilton South throughout, present thriend, & ourselves, hour very Mad Spring Mittos of the best things in the museum; there is ruba good set ofthe Myramids; Salas got some ofthe time, After bunch back to testel from my did boy, Sel I cooled a bit then out dearin. Imong the many meer things our sees, hvor struck with a man Iron a sombey lader with melows, the oriver has a large cornson turben on for that he was conveying a round green melon as by as his head, turben xall, I saw the two fine getes of the cent? Bab al Futuh & al Masso; the style of fearts - particularly the nosetter around the wich all yarried - can is very much like our Norman, Much seems almost as it copies from it. Then twent to see a part of aly walls from which the city has long since leaving them seeined, they are very intercenting, & tower with calleries around to, They I a small four you with spiral hue Nationer. These walls linoue then are do much mobbish found connected with them, I show ribber filter, thave been in use till af least the 15th centy. I also picked up a batch ord hat seraps of glazing, showing whom well, Then back to the city tafter strolling about had vincer; then trung room, & work they I to bed.

50 large ones, (7 ¾ x 10 ¾ unmounted) which are really cheap here, only 1/- each. These are for Hamilton Smith & Sydney Hall, presents to friends, & ourselves. I was very glad to find photos of the best things in the Museum; there is not a good set of the Pyramids; I also got some of the best Arabic architecture. Then had a stroll till lunch time. After lunch back to hotel for my old bag. Sat & cooled a bit, & then out again < Mrs Benest [?]: rd. 5 [?] >. Among the many queer things one sees, I was struck with a man driving a donkey laden with melons; the driver had a large crimson turban on, & on that he was carrying a round green melon as big as his head, turban & all. I saw the two fine gates of 9/<11>th centy, Bab el Futuh, & el Nasr: the style of parts 5/<-> particularly the rosettes around the arch, all varied, on is very much like our Norman, which seems almost as if copied from it. Then I went to see a part of city walls from which the city has long since contracted, leaving them ruined. They are very interesting, & shew some curious features, such as a dome in a round tower with galleries around it, thus [\mathbb{R}] & a small dome roof with spiral line of stones. These walls prove the age of much rubbish found connected with them, & shew ribbed pottery to have been in use till at least the 15th centy. I also picked up a batch of various old Arab scraps of glazing, shewing colors well. Then back to the city & after strolling about had dinner; then to my room, & wrote this & to bed.

Cairo, XXII