

## **Jointed Portraits**

### **Publication/Creation**

c1888-c1903

### **Persistent URL**

<https://wellcomecollection.org/works/fmj2bc8j>

### **License and attribution**

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

**E**

**X**

*For painted Portraits  
Likeness.  
costumes of faces*

**B**

**OOK.**



Name \_\_\_\_\_

Subject \_\_\_\_\_

School \_\_\_\_\_

Just perceptible interval may be taken at ~~distance of 100 yards~~

- 1' = 1 inch at 100 yards about, really at 95.5 yards
- = 0.1 inch at 30 feet, = 0.1 inch viewed in mirror 15 feet off
- = 1/8 at 12.5 yards or 37.5 feet or in mirror 19 feet off
- = 1/16th inch ----- 9 1/2 feet off

$$\text{arc } 1' = \frac{\pi r}{180 \times 60} = \frac{\pi r}{10800}$$

$$r = \frac{10800}{\pi} \times \text{arc } 1'$$

$$\log 10800 = 4.0334238$$

$$\log \pi = \log 3.1416 = 0.4971509$$

$$r = 3438 \times \text{arc } 1' \quad \log 3437.7 = 3.5362729$$

36 3437.7 / 95.5  
 324  
 187  
 177

1 metre = 39.37 inches.  
 $\log 39.37 = 1.5952$   
 $\log 3438 = 0.5363$   
 $\log 1354 = 2.1315$  inches  
 $3.478 \text{ metres} = 135.4 \text{ inches}$

at 34.38 metres  
 at 47.19 in mirror

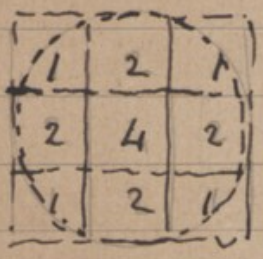
direct view 1 millimetre at 3 metres + 438 millimetres, say 3 1/2 metres  
 mirror view 1.719 1 3/4 metres

direct view at 13.54 inches = 11.3 feet = 11 feet 4 inches

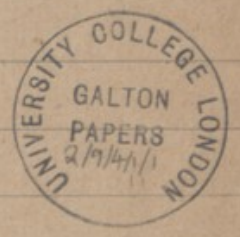
1 mm, mirror } ~~6.77 feet~~ say 6 ft 9 in. dist of mirror  
 = 5th 8th distance of mirror

Blurring

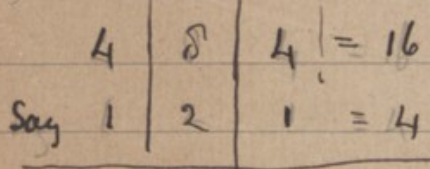
Supposed distribution on either side of a point



of a point but a complicated



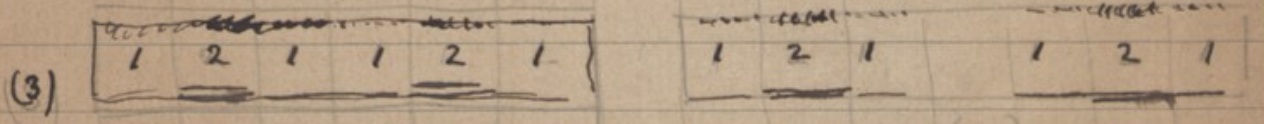
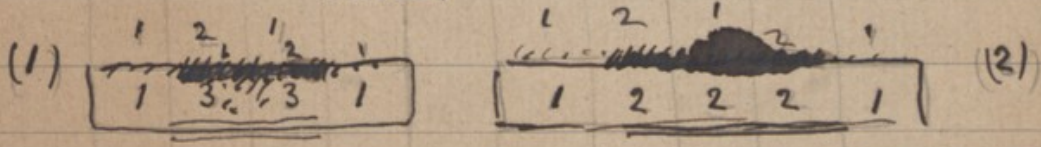
on either side of a line



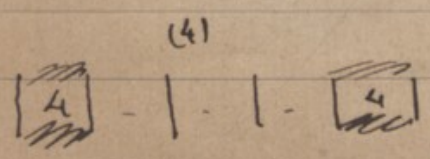
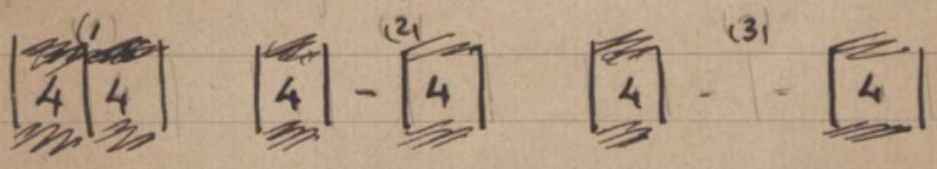
3 8 10 8 3 = 32

Say 1 2 3 2 1 = 9

on either side of two lines at distance apart of 1 2 3 4 just perfect intervals blurred



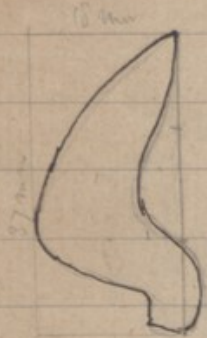
not blurred



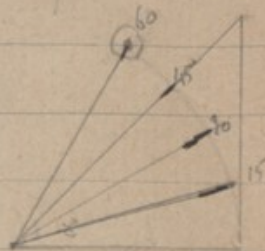
From lecture R. Lect.  
May 25 1888

P. 31

All cavities  
& many small  
folds within these  
limits



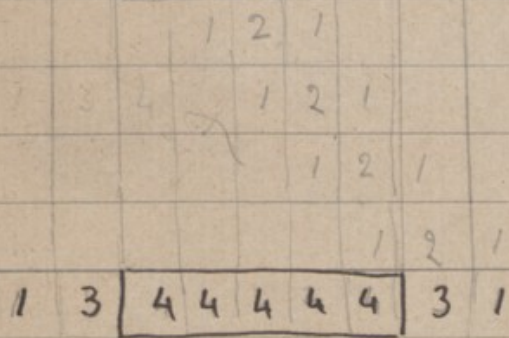
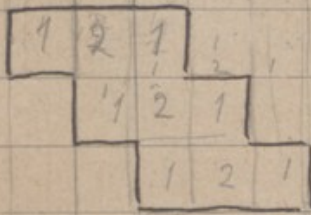
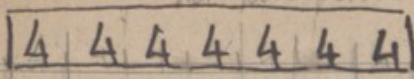
about 1/2 the space is filled whole space =  $37 \times 18 = 666 \text{ sq. mm}$   
say  $37 \times 10 = 370 \text{ sq. mm}$  of actual space



The angle of cavities, subtended by 'upper nose' and 'toe' tips, lies within the 18 cases  
of Beudantic profiles (plates 35-36) between  $30^\circ$  &  $45^\circ$ , or a range of  $15^\circ$

	1	1	1	1	
1	24	25	25	24	1
1	25	26	26	25	1
1	25	26	26	25	1
1	24	25	25	24	1
	1	1	1	1	

The effect of blurring a band of tent N=4 which is divided into just perceptible intervals and then blurred as by weathering. If each small square in vertical column becomes turned into 3 having the tips 1, 2, 1 the mass of the band is unchanged but the column at either side becomes transformed into 2 having the tips 1, 3 and 3, 1 respectively. This gives a parabolic edge to it and a more or less doubtful definition of 2 intervals in width, instead of 1.



actual fact

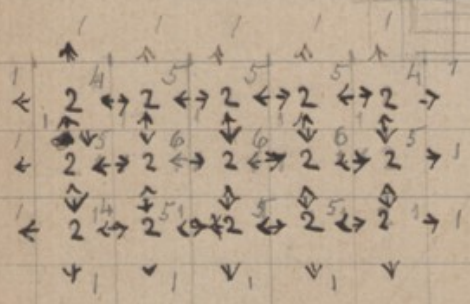
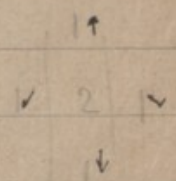


Diagram - technicalities





Nº 1-6	page B
7-21	C
32-45	D
46-66	A

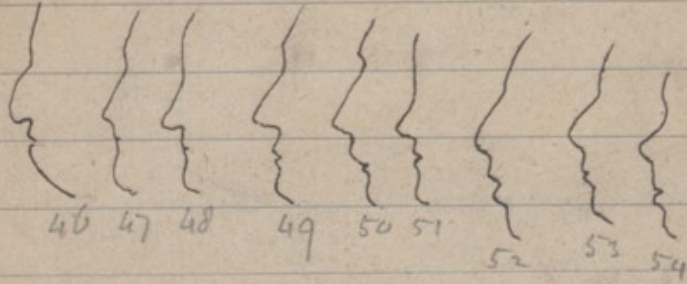
This is the beginning of the profile

1.6

(A)

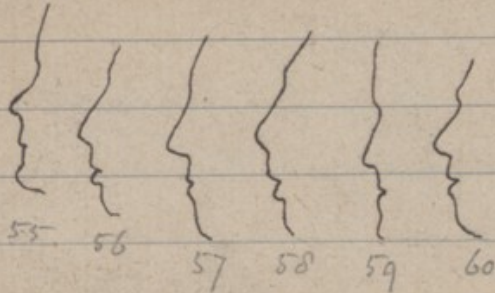
Male 33

Plates



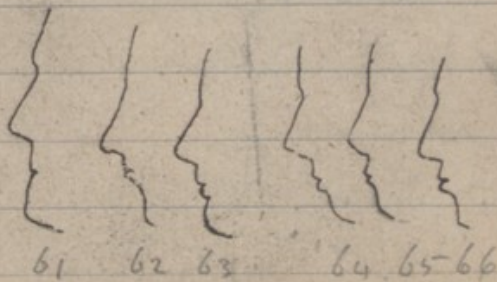
33

32



32

31

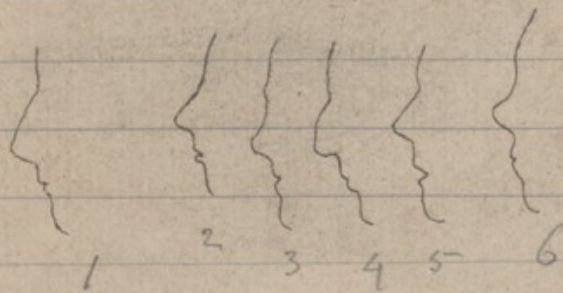


31



also see before

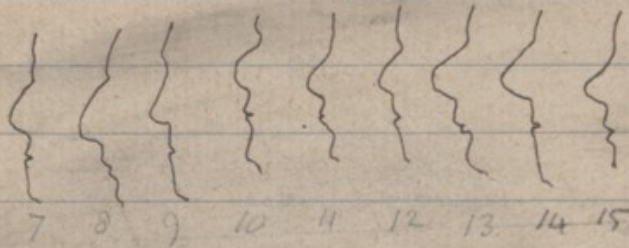
plate 34



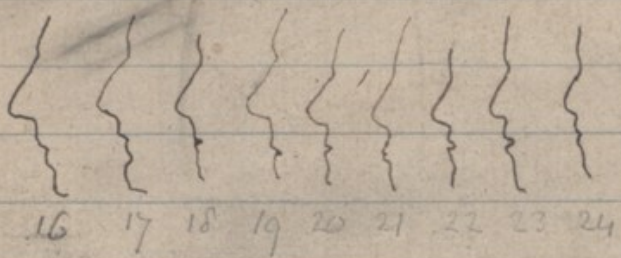
Plate

34

Plate

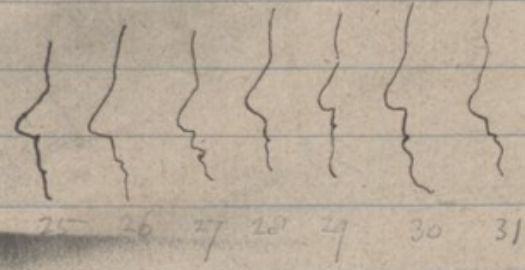


35



36

There are no profiles in the intermediate plates



39

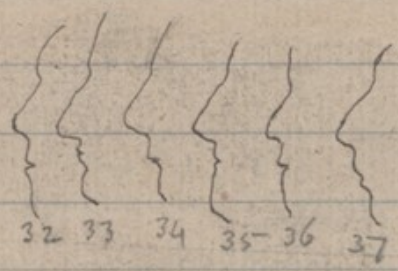
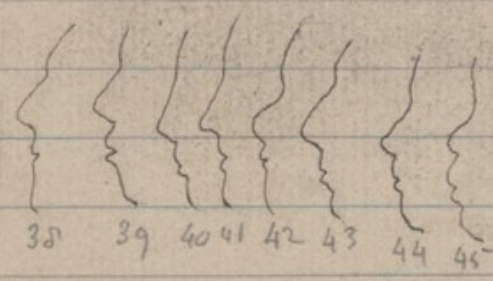


Plate  
40



41

The foregoing are all the profiles in Brestillon; their numbers are

Plate	Nos
31	6
32	6
33	9
34	6
35	9
36	9
No profiles between	—
39	7
40	6
41	8
Total	66

There are many <sup>possible</sup> hindrances to discrimination between objects, such as distance, <sup>obscurely</sup> ~~distance~~,  
fog, ~~focus~~ ~~focus~~, ~~the amount of each~~ <sup>of</sup> ~~theoretically~~ <sup>at least</sup> ~~of~~ ~~near~~ ~~exact~~ ~~measurement~~ and that  
~~measurement of his~~ <sup>of</sup> ~~expressly~~ <sup>the</sup> ~~kind~~ <sup>of</sup> ~~this~~ ~~distance~~ <sup>with a large amount</sup> ~~is~~ ~~sufficiently~~ ~~good~~  
~~power of~~ <sup>decreases</sup> ~~distance~~ <sup>may</sup> ~~render~~ <sup>them</sup> ~~indistinguishable~~ <sup>two</sup> ~~terms~~  
quite indistinguishable, so may ~~obscurely~~ <sup>fog, de.</sup> ~~at intermediate stages~~ <sup>the</sup> ~~power~~  
of discrimination ~~is~~ ~~reduced~~, but ~~is~~ ~~not~~ ~~wholly~~ ~~abolished~~ ~~and~~ ~~there~~ ~~will~~ ~~always~~ ~~be~~ ~~some~~  
~~certain~~ <sup>definite</sup> ~~amount~~ ~~of~~ ~~hindrance~~ ~~that~~ ~~will~~ ~~prevent~~ ~~discrimination~~ ~~between~~ ~~two~~ ~~specified~~ ~~and~~  
~~what~~ ~~resembling~~ ~~objects~~. <sup>If</sup> ~~they~~ ~~are~~ ~~greater~~ ~~than~~ ~~the~~ ~~hindrance~~ ~~needed~~ ~~will~~ ~~be~~  
~~hardly~~ ~~if~~ ~~slight~~ ~~at~~ ~~all~~ ~~it~~ ~~will~~ ~~be~~ ~~greater~~, ~~and~~ ~~speaking~~ ~~generally~~, ~~the~~ ~~maximum~~ ~~of~~  
~~hindrance~~ ~~will~~ ~~be~~ ~~one~~ ~~of~~ ~~the~~ ~~measurements~~ ~~of~~ ~~resemblance~~.  
It will be the only ~~one~~ <sup>of</sup> ~~the~~ ~~features~~ ~~of~~ ~~the~~ ~~same~~ ~~size~~ ~~when~~ ~~compared~~.  
Otherwise Resemblance however takes no count of the size of the objects  
compared, ~~features~~ they may be large or small or one may be larger than the other  
small without affecting ~~resemblance~~ ~~it~~. The unit of resemblance is therefore a  
compound one, partly dependant ~~of~~ <sup>the</sup> ~~size~~ ~~&~~ ~~distance~~ ~~of~~ ~~the~~ ~~objects~~ ~~compared~~, or  
more briefly, on the angle they ~~reflect~~ ~~of~~ ~~light~~ ~~and~~ ~~partly~~, on the hindrances  
interposed before the power of discriminating between them varies, and their  
difference is <sup>not</sup> ~~just~~, or only just not discernible.

The conception is unfamiliar and hard to ~~most~~ ~~say~~, unless explained by  
beginning with the simplest case, say that of two coins on the same scale of a spring  
picture, how can their resemblance be measured. Provide a test card to  
be laid by the portraits and be viewed at the same time. ~~A set of questions~~

A black lead pencil is  $\frac{1}{4}$  inch diameter

$$1' = 1 \frac{\text{in}}{\text{width}} \quad 3448 \text{ inches}$$

$$30' = 1 \text{ inch in } \frac{114.7}{114.7} \text{ inches}$$
$$= \frac{1}{4} \text{ inch in } 28.7 \text{ inches}$$

That is a pencil tapers  $30'$  at  $28.7$  (say  $29$ ) inches (say  $28\frac{3}{4}$ )

I have blackened a string, between 2 knots  
at it, at that distance apart

# ARITHMETICAL TABLES.

**Numeration Table.**

Units .....	1
Tens .....	12
Hundreds .....	123
Thousands .....	1,234
Tens of Thousands .....	12,345
Hundreds of Thousands .....	123,456
Millions .....	1,234,567
Tens of Millions .....	12,345,678
Hundreds of Millions .....	123,456,789

**Sterling Money Table.**

4 Farthings .....	1 Penny ..d.
12 Pence .....	1 Shilling ..s.
2 Shillings .....	1 Pierin
2 Sh. & Sixpence .....	1 Half Crown
5 Shillings .....	1 Crown ..cr.
10 Shillings .....	1 Half Sov.
20 Shillings, 1 Sov. .....	1 Pound ..£
21 Shillings .....	1 Guinea

**Arithmetical Signs.**

- + Plus; Sign of Addition.
- Minus; Sign of Subtraction
- x Sign of Multiplication
- ÷ Sign of Division
- = Sign of Equality
- : : : Sign of Proportion
- √ Sign of the Square Root
- ∛ Sign of the Cube Root
- ° Degree, ' Minute, " Second
- ∴ Therefore ∵ Because

**Troy Weight.**  
*For Gold, Silver and Jewels.*

24 Grains .....	1 Pennywgt. dwt.
20 Pennywgt. .....	1 Ounce .....
12 Ounces .....	1 Pound .....

**Apothecaries' Weight.**  
*For Mixing Medicines.*

20 Grains .....	1 Scruple ..scr.
3 Scruples .....	1 Drachm ..dr.
8 Drachms .....	1 Ounce .....
12 Ounces .....	1 Pound .....

**Avoirdupois Weight.**  
*For all Goods except Gold, Silver and Jewels.*

13 Drachms .....	1 Ounce .....
16 Ounces .....	1 Pound .....
14 Pounds .....	1 Stone .....
28 Pounds .....	1 Quarter .....
4 Quarters .....	1 Hundredwt. ....cwt.
20 Cwt. ....	1 Ton .....

**Hay and Straw Weight.**

36 lb. Straw .....	1 Truss.
56 lb. Old Hay .....	1 Truss.
60 lb. New Hay .....	1 Truss.
36 Trusses .....	1 Load.

**Long or Linear Measure.**

12 Lines .....	1 Inch .....
12 inches .....	1 Foot .....
3 Feet .....	1 Yard .....
2 Yards .....	1 Fathom .....
5½ Yards .....	1 Pole or Perch.
40 Poles .....	1 Furlong ..fur.
8 Furlongs or 1780 Yds. ....	1 Mile

**Cloth Measure.**

2½ Inches .....	1 Nail.
4 Nails .....	1 Quarter of a Yard
4 Quarters .....	1 Yard.

**Solid or Cubic Measure.**

1728 Cubic Inches .....	1 Cubic Foot
27 Cubic Feet .....	1 Cubic Yard
24½ Cubic Feet .....	1 Solid Perch mason's work
12 Cubic Feet .....	1 Solid Perch brickwork

**Imperial Heaped Measure.**

Avoird. of Water. lb.	
8 Gallons .....	1 Bushel .....
3 Bushels .....	1 Sack .....
12 Sacks .....	1 Chaldron ..2880

**Imperial Dry Measure.**

Avoird. of Water. lb. oz.	
2 Glasses .....	1 Noggin ..0 5
3 Noggins .....	1 Pint ..
2 Pints .....	1 Quart
4 Quarts .....	1 Gallon
2 Gallons .....	1 Peck
4 Pecks .....	1 Bushel
8 Bushels .....	1 Quarter

**Square Measure.**

144 Square Inches .....	1 Square Foot
9 Square Feet .....	1 Square Yard
30¼ Square Yards .....	1 Square Pole
40 Square Poles .....	1 Rood
4 Roods .....	1 Acre.

**Table of Motion.**

60 Seconds (") .....	1 Minute
60 Minutes (') .....	1 Degree
30 Degrees (°) .....	1 Sign
12 Signs or 360° .....	the circle of the earth

**Table of Time.**

60 Seconds .....	1 Minute
60 Minutes .....	1 Hour
24 Hours .....	1 Day
7 Days .....	1 Week
4 Weeks .....	1 Month
365 Days .....	1 Year
366 Days .....	1 Leap Year
52 Weeks .....	1 Year
12 Calendar or	
13 Lunar Months .....	1 Year

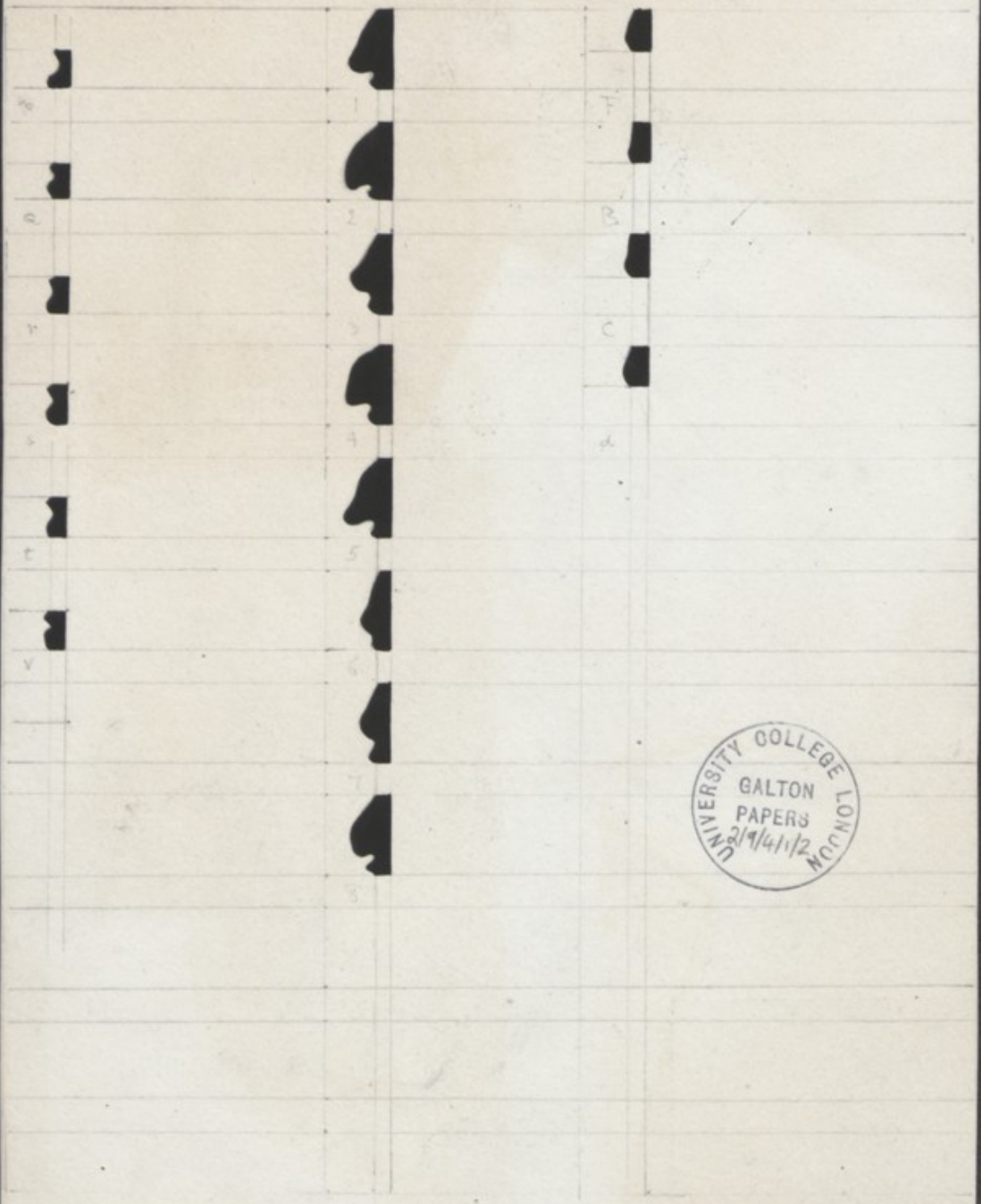
**Days in the Months.**  
Thirty days hath September,  
April, June, and November,  
All the rest have 31,  
Excepting February alone,  
Which has but 28 days clear,  
And 29 in each leap year.

## MULTIPLICATION TABLE.

Twice	3 times	4 times	5 times	6 times	7 times	8 times	9 times	10 times	11 times	12 times
7, 14	7, 21	7, 28	7, 35	7, 42	7, 49	7, 56	7, 63	7, 70	7, 77	7, 84
8, 16	8, 24	8, 32	8, 40	8, 48	8, 56	8, 64	8, 72	8, 80	8, 88	8, 96
9, 18	9, 27	9, 36	9, 45	9, 54	9, 63	9, 72	9, 81	9, 90	9, 99	9, 108
10, 20	10, 30	10, 40	10, 50	10, 60	10, 70	10, 80	10, 90	10, 100	10, 110	10, 120
11, 22	11, 33	11, 44	11, 55	11, 66	11, 77	11, 88	11, 99	11, 110	11, 121	11, 132
12, 24	12, 36	12, 48	12, 60	12, 72	12, 84	12, 96	12, 108	12, 120	12, 132	12, 144

Rough notes on Memorabilia at 11-12  
 See the other end of the book.  
 End of the book.

6



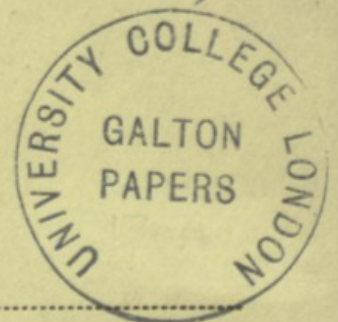
UNIVERSITY COLLEGE LONDON  
 GALTON PAPERS  
 2/9/41/2

g.2ar

FOR ONE PERSON ONLY.

# Royal Institution,

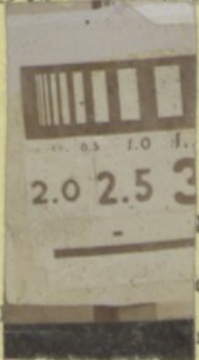
ALBEMARLE STREET, W.



Admit

On Friday Evening, the 190

The Doors open at Eight o'Clock.



M. R. I.

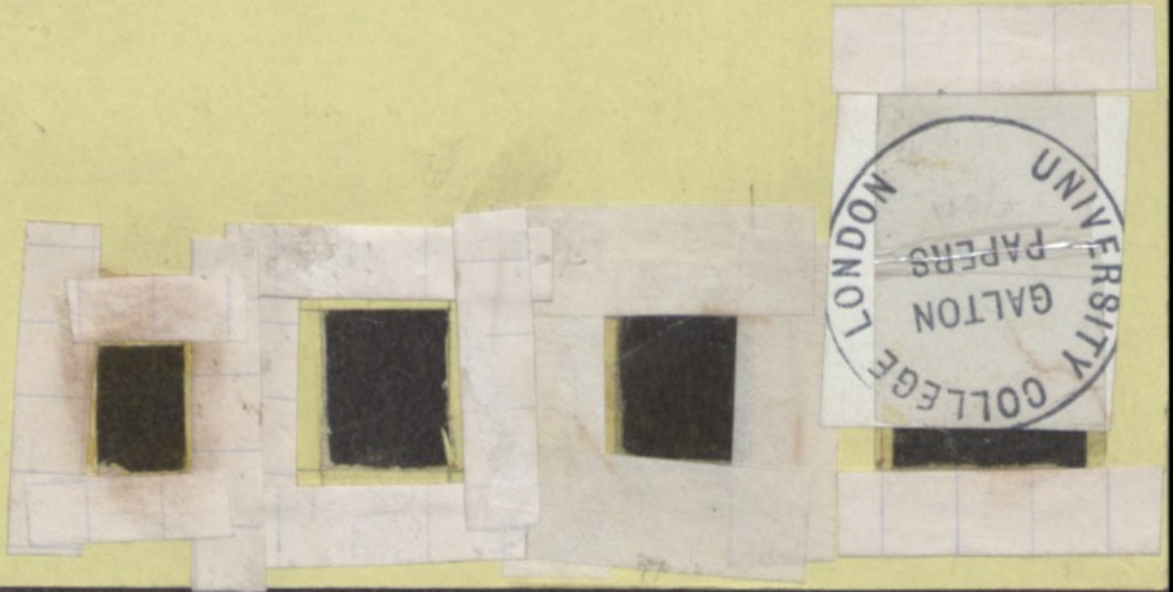
NOT TRANSFERABLE, nor can it be altered, and it cannot be used by more than one person under Fifteen Years of Age. No Member to be admitted to more than TWO Seats on the same Evening. By the Board of Managers—"That the Theatre of the Institution be closed on Friday Evenings at EIGHT O'CLOCK."

And—"That Five or more Front Rows of Seats be reserved to MEMBERS AND VISITORS INVITED BY THE BOARD OF MANAGERS, on Friday Evenings, until TEN MINUTES BEFORE NINE by the Theatre Clock.

**THE DISCOURSE BEGINS AT 9 O'CLOCK.**



f. 2a v



g. 20

Blowers

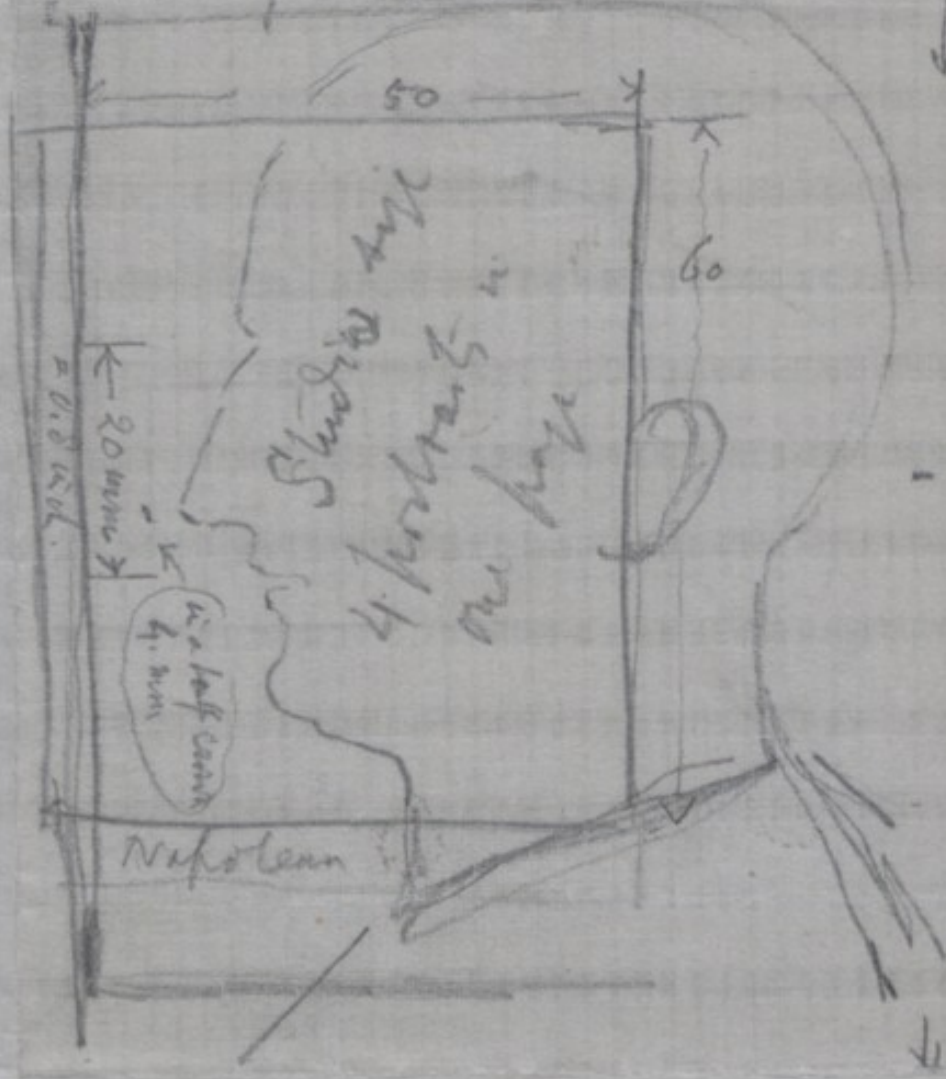
Apparatus  
for measure of resemblance



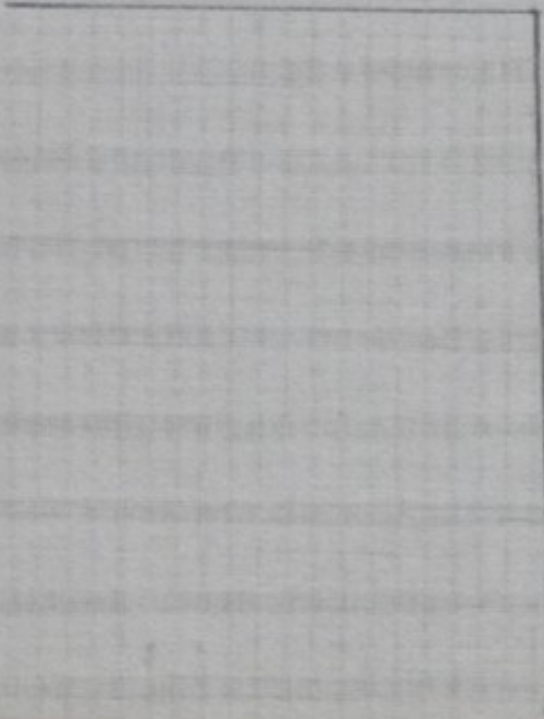
f. 3r

# Profile of *Nolabrotia*

85 x 105

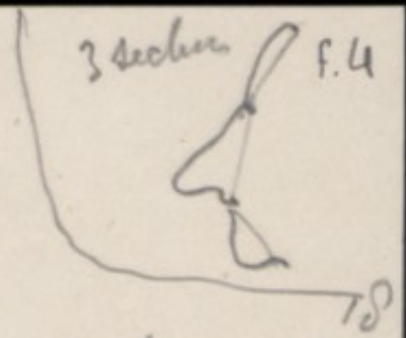


f. 3v



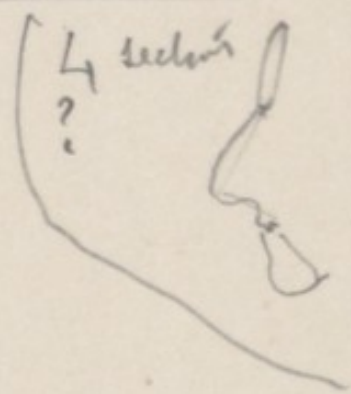
Quality ~~size~~ angle

Forehand 1-10 | 1-3 | 1-max  
 Consonants | Vowels | Consonants



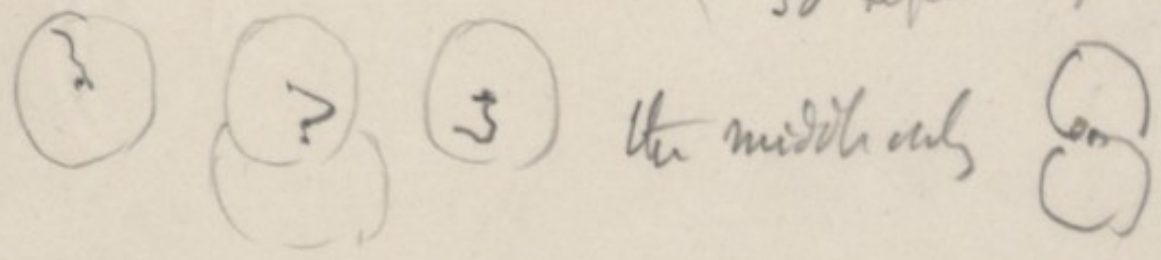
Consonants: b, d, t, g, h, k, l, m, n, p, q, r, s, t, v, x, z  
 vowels: a, e, i, u, ai, ou, eu

forehands ( ) ( ) ( )  
 noses ( ) ( ) ( ) ( )  
 chin ( ) ( ) ( )

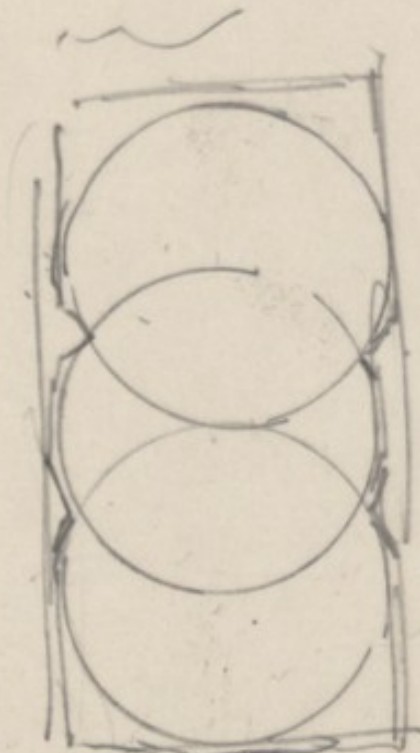
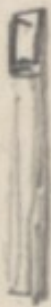


	Quality	Size	Number	Total	Belts
forehands	5	2	10	10	4 x 3 = 21
noses	5	2	10	10	21
chin			10	10	21
				30	63

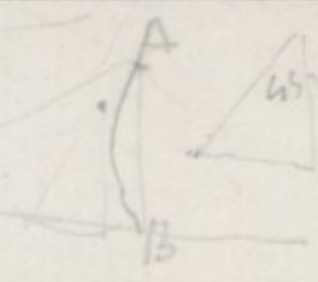
30 separate pieces



UNIVERSITY COLLEGE  
GALTON  
PAPER

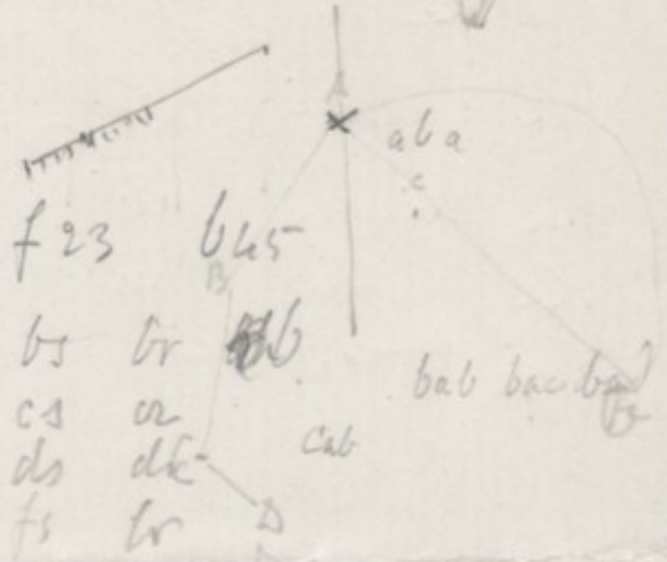
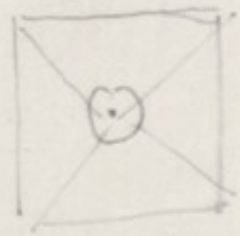


Length A to B  
angle to vertical of chord



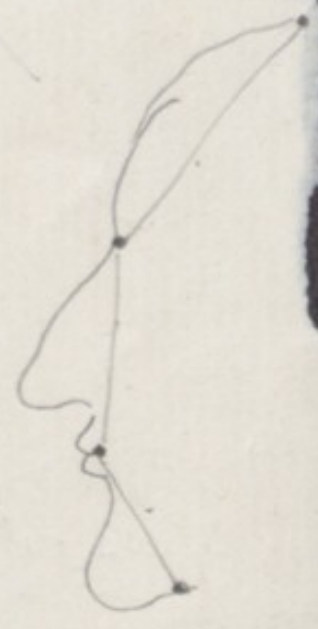
Fourteen  
Nou  
Upper lip  
Lower lip & chin

2f 3c 4d 1e



type length  
letter figure

angle  
letter  
hs hr  
st sr  
ts tr  
vs vr



~~ba ba ba~~ ~~bet~~ ~~bib~~ ~~bob~~ ~~balb~~ 9 to

father <sup>ba ba ba</sup> ~~ba~~ ~~bee~~ bei bo bu boy beu ~~booy~~ ~~boogh~~

~~ca~~ ~~cel~~ ci ~~co~~ ~~cu~~ ~~ci~~ ~~oi~~

da de di do du

fa fe fi fo fu

ga ge gi go gu

ha he hi ho hu

ka ke ki ko ku

la le li lo lu

ma  
na

pr

pa

gaki dogn bola filu

ra

sa

ds dr  
cs cr

ta

~~ss~~ omit ss rr

va

$$3 \times 14 = 42$$

$$- \frac{2}{40}$$

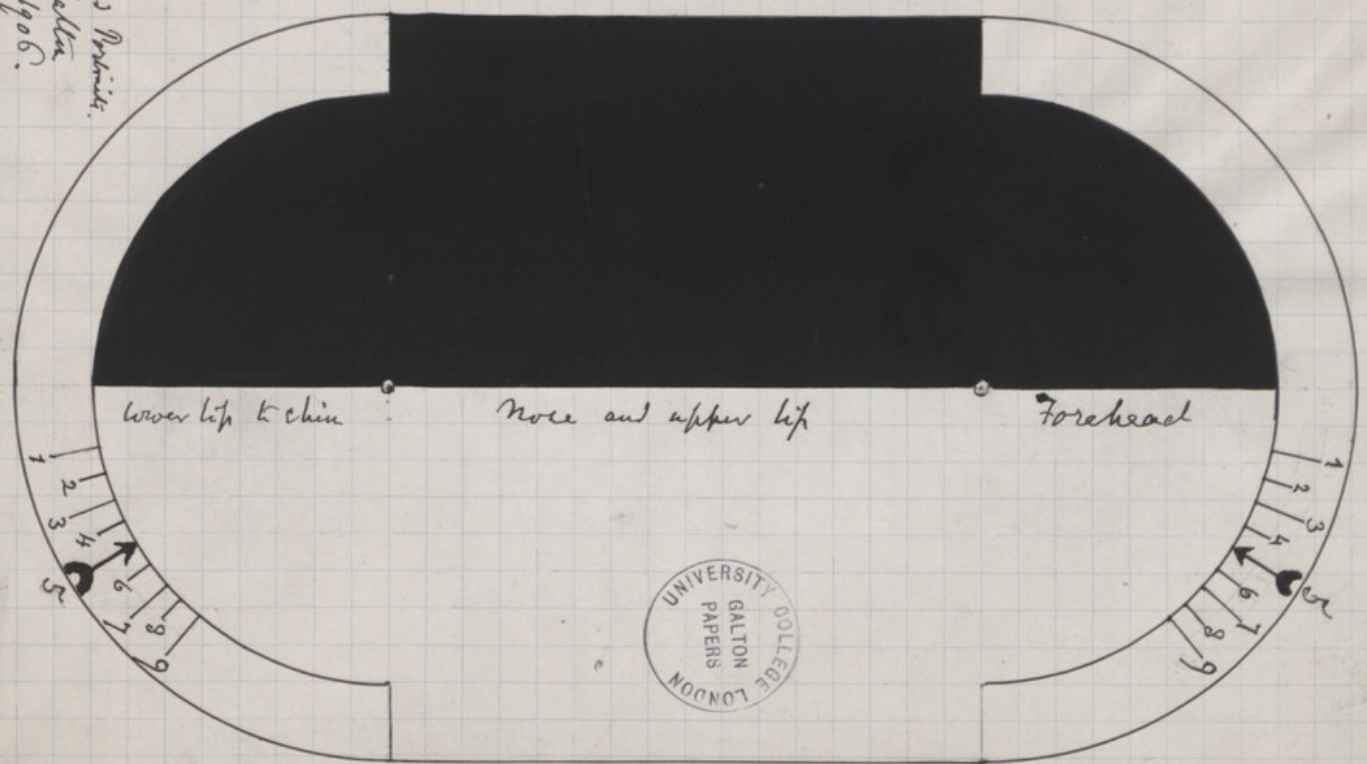
14

12 types  
9 lengths

126 types  
9 lengths of chord  
14 angles of chord



James Peckitt.  
R. Galton  
Jan 1906.





J. Galton Esq,  
D. C. L. F. R. S.  
42 Rutland Gate  
Hyde Park

	1	2	3	4	5	6	7	8	9	0
<b>l</b>	RAD: 2 BACK	RAD: 2 VERT'L	RAD: 2 FOR'DS	RAD: 6 BACK	RAD: 6 VERT'L	RAD: 6 FOR'DS	RAD: 10 BACK	RAD: 10 VERT'L	RAD: 10 FOR'DS	STR'T
<b>g</b>	SLIGHT SIN'S	SLIGHT C.CAVE	SLIGHT C.VEX	MEDIUM SIN'S	MARKED C.CAVE	MARKED C.VEX	UPP <sup>R</sup> 3 <sup>rd</sup> C.VEX	LOW <sup>R</sup> 3 <sup>rd</sup> C.VEX		
<b>n</b>	RAD: 2 STR'T	RAD: 2 SIN'S	RAD: 2 C.VEX	RAD: 6 STR'T	RAD: 6 SIN'S	RAD: 6 C.VEX	RAD: 10 STR'T	RAD: 10 SIN'S	RAD: 10 C.VEX	
<b>w</b>	ANGLE STR'T	ANGLE C.CAVE	ANGLE C.VEX	RAD: 2 STR'T	RAD: 2 C.CAVE	RAD: 2 C.VEX	RAD: 6 STR'T	RAD: 6 C.CAVE	RAD: 6 C.VEX	
<b>lp</b>	EVEN SHUT	EVEN PARTED	EVEN V.OPEN	UPP <sup>R</sup> PR SHUT	UPP <sup>R</sup> PR PARTED	UPP <sup>R</sup> PR V.OPEN	UND <sup>R</sup> PR SHUT	UND <sup>R</sup> PR PARTED	UND <sup>R</sup> PR V.OPEN	
<b>ll</b>	SMALL SMALL	SMALL MEDIUM	SMALL LARGE	MEDIUM SMALL	MEDIUM MEDIUM	MEDIUM LARGE	LARGE SMALL	LARGE MEDIUM	LARGE LARGE	
<b>k</b>	RAD: 2 UPP <sup>R</sup> 3 <sup>rd</sup>	RAD: 2 MIDDLE	RAD: 2 LOW <sup>R</sup> 3 <sup>rd</sup>	RAD: 6 UPP <sup>R</sup> 3 <sup>rd</sup>	RAD: 6 MIDDLE	RAD: 6 LOW <sup>R</sup> 3 <sup>rd</sup>	RAD: 10 UPP <sup>R</sup> 3 <sup>rd</sup>	RAD: 10 MIDDLE	RAD: 10 LOW <sup>R</sup> 3 <sup>rd</sup>	

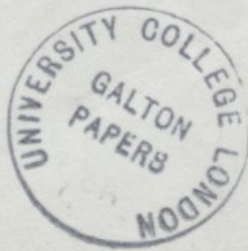
of Galton

P. 74

$\frac{1}{8}$  linear

5

K.P.



This Table was made subsequently to that printed in "Nature" article & differs in the following respects - n 2, 5 & 8 changed from "over-st" to "sinuous" w 1, 2, 3, 4, 5, 6 " " b 4, 5, 6, 7, 8, 9 & "angle introduced in 1, 2, 3."

The profiles in "Picture Formulas" were amended & drawn by this Table.

	1	2	3	4	5	6	7	8	9	0
b	RAD: 2 BACK	RAD: 2 VERT'L	RAD: 2 FOR'NS	RAD: 6 BACK	RAD: 6 VERT'L	RAD: 6 FOR'NS	RAD: 10 BACK	RAD: 10 VERT'L	RAD: 10 FOR'NS	STR'T
g	SLIGHT SIN'S	SLIGHT C.CAVE	SLIGHT C.VEX	MEDIUM SIN'S	MARKED C.CAVE	MARKED C.VEX	UPP <sup>3</sup> C.VEX	LOW <sup>3</sup> C.VEX		
n	RAD: 2 STR'T	RAD: 2 SIN'S	RAD: 2 C.VEX	RAD: 6 STR'T	RAD: 6 SIN'S	RAD: 6 C.VEX	RAD: 10 STR'T	RAD: 10 SIN'S	RAD: 10 C.VEX	
w	ANGLE STR'T	ANGLE C.CAVE	ANGLE C.VEX	RAD: 2 STR'T	RAD: 2 C.CAVE	RAD: 2 C.VEX	RAD: 6 STR'T	RAD: 6 C.CAVE	RAD: 6 C.VEX	
lp	EVEN SHUT	EVEN PARTED	EVEN V.OPEN	UPP <sup>2</sup> SHUT	UPP <sup>2</sup> PARTED	UPP <sup>2</sup> V.OPEN	UND <sup>2</sup> SHUT	UND <sup>2</sup> PARTED	UND <sup>2</sup> V.OPEN	
ll	SMALL SMALL	SMALL MEDIUM	SMALL LARGE	MEDIUM SMALL	MEDIUM MEDIUM	MEDIUM LARGE	LARGE SMALL	LARGE MEDIUM	LARGE LARGE	
k	RAD: 2 UPP <sup>3</sup>	RAD: 2 MIDDLE	RAD: 2 LOW <sup>3</sup>	RAD: 6 UPP <sup>3</sup>	RAD: 6 MIDDLE	RAD: 6 LOW <sup>3</sup>	RAD: 10 UPP <sup>3</sup>	RAD: 10 MIDDLE	RAD: 10 LOW <sup>3</sup>	

Shape of Nasion distinct and slope of nose

nose from Nasion to Rhinion

Admission to hypercheilion

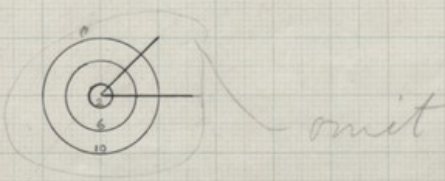
Upper lip, hypercheilion to lip-parting

Nature of lip-parting and symcheilion

Size of upper and lower lips

Outline of chin from border of lower lip to pogonion

Reduce about 2/3 linear Diagram 5



F. Galton, enlarged from Photo by E.B. Nov 18, 1907

p. 9

00 / 99

03 . 50

20 . 93

32 . 90

43 . 57

52 . 28

57 . 09

50 / 62

11 - 50

15 . 77

18 . 90

21 . 90

25 - 50

32 . 66

36 . 68

37 . 64

37 . 56

39 . 64

45 . 66

53 . 82

56 . 79

59 . 67

60 . 50

61 . 38

67 . 10

32 / 00

a hyphen means +0.5 to the preceding figure.

Revised notation

5 means +0.5 to the preceding figure

0 means the point where a line <sup>by circles</sup> ~~terminates~~ that ends abruptly & to which <sup>subsequent</sup> measurements refer

8 is inserted in all measures of that bifurcating line

6 means (n comes to left of line; 9 means) comes to right of line

← 11 5 50

revised with new notation

21 . 90

25 5 50

32 . 66

36 9 68

37 . 56

38 0 50

39 8 42

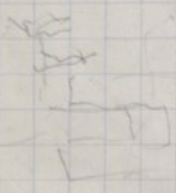
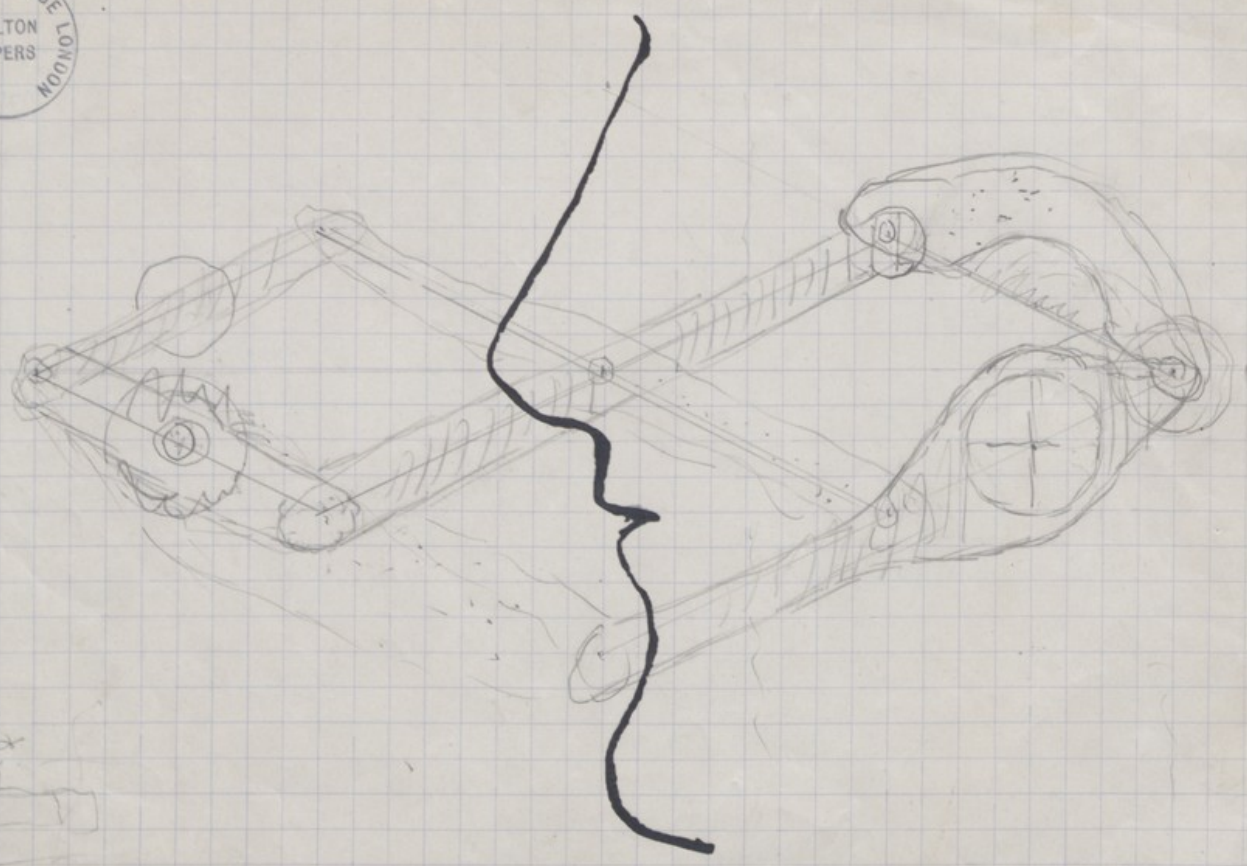
39 9 64

45 - 66





UNIVERSITY COLLEGE LONDON  
GALTON  
PAPERS



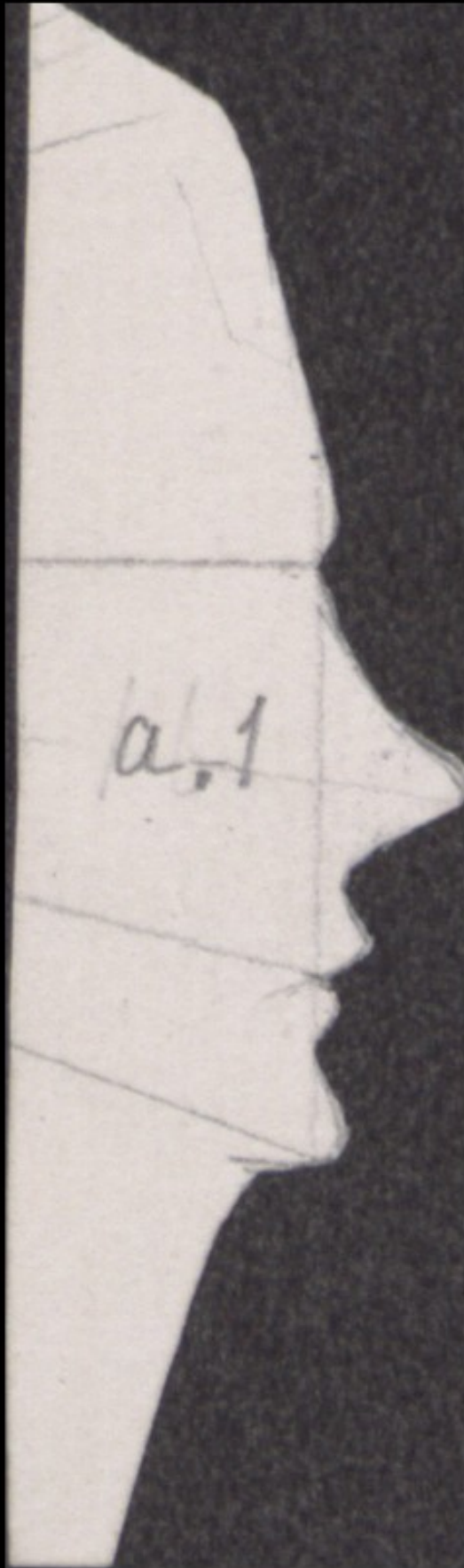


f. 12 ar

Face outlines

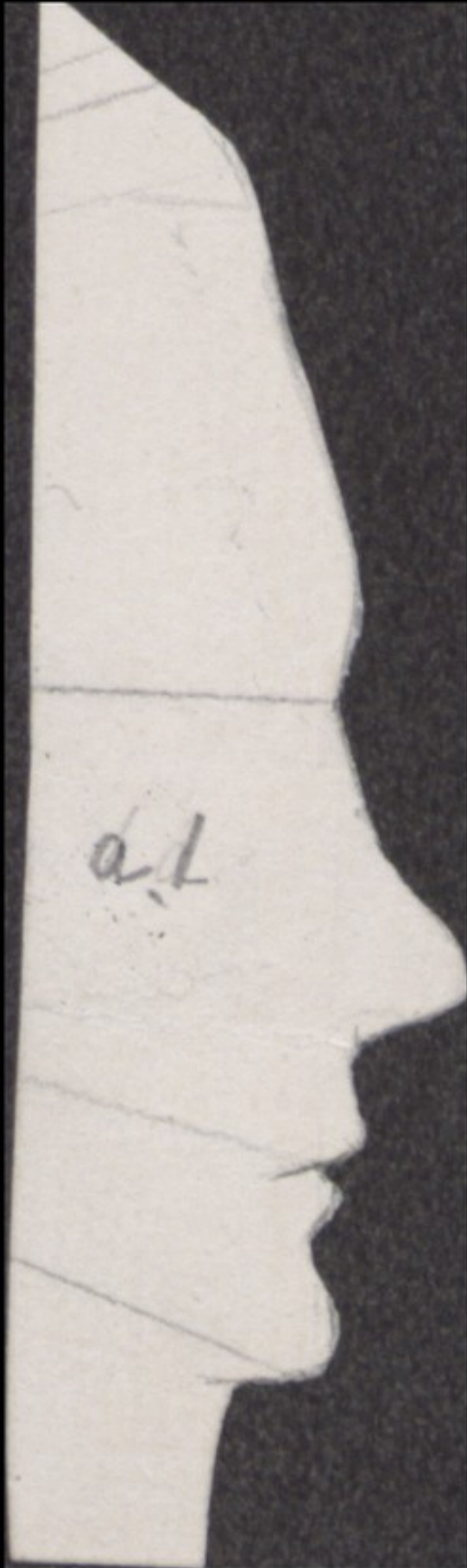
42, RUTLAND GATE, S.W.





f. 12bv

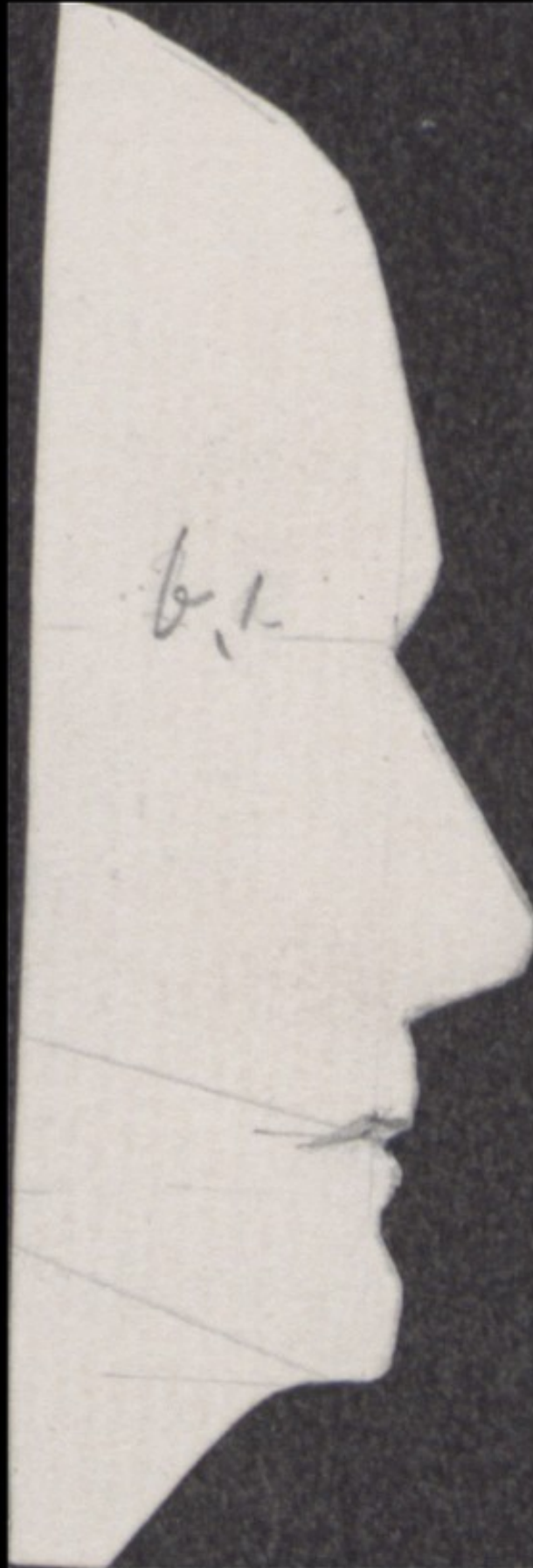
TY COLLEGE LO  
DUBLIN  
DALTON  
R3



f. 12cv

UNIVERSITY COLLEGE  
GALTON  
PAPER

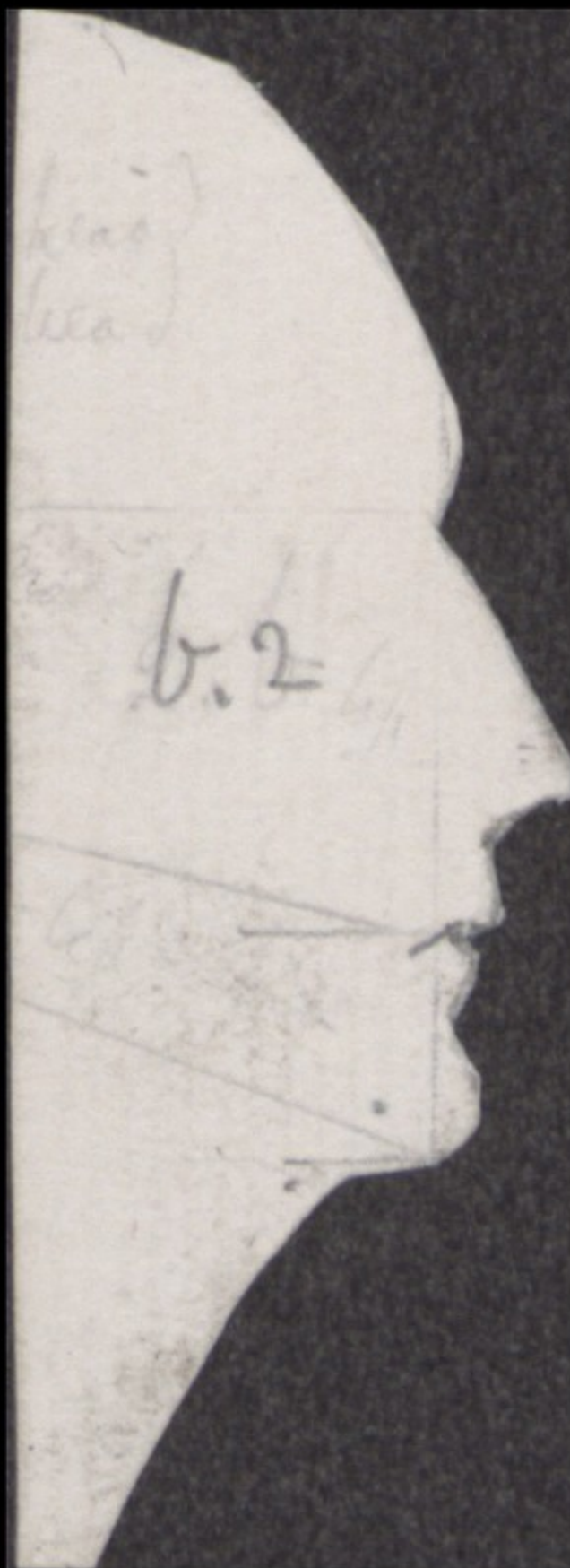




f. 12dv

UNIVERSITY COLLEGE 'LO  
GALTON  
PAPERS

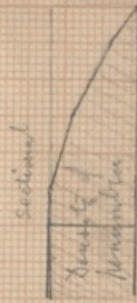
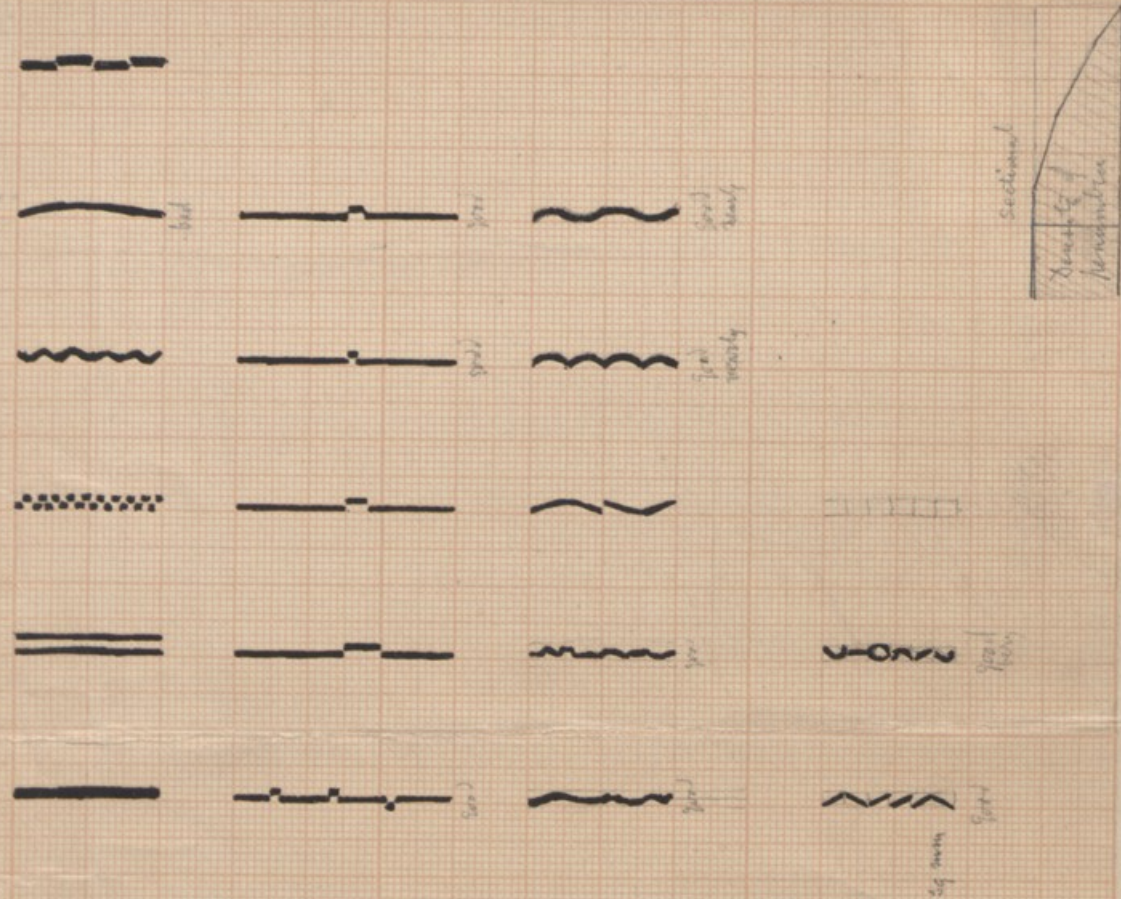




f. 12ev

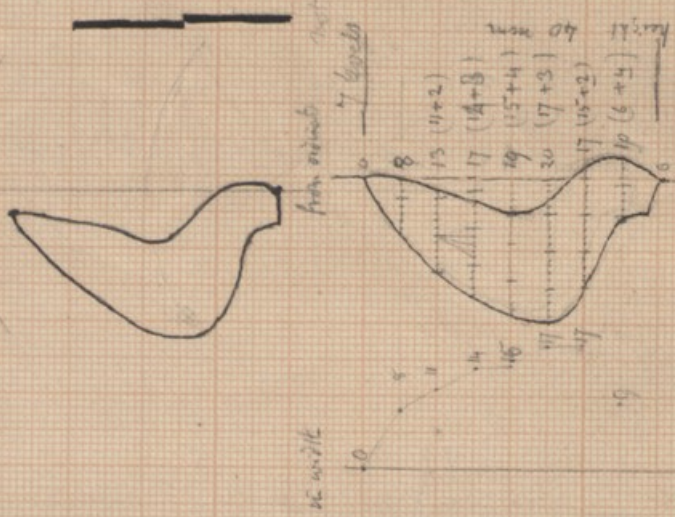
UNIVERSITY COLLEGE LO  
GALTON  
P1P593

f. 13a

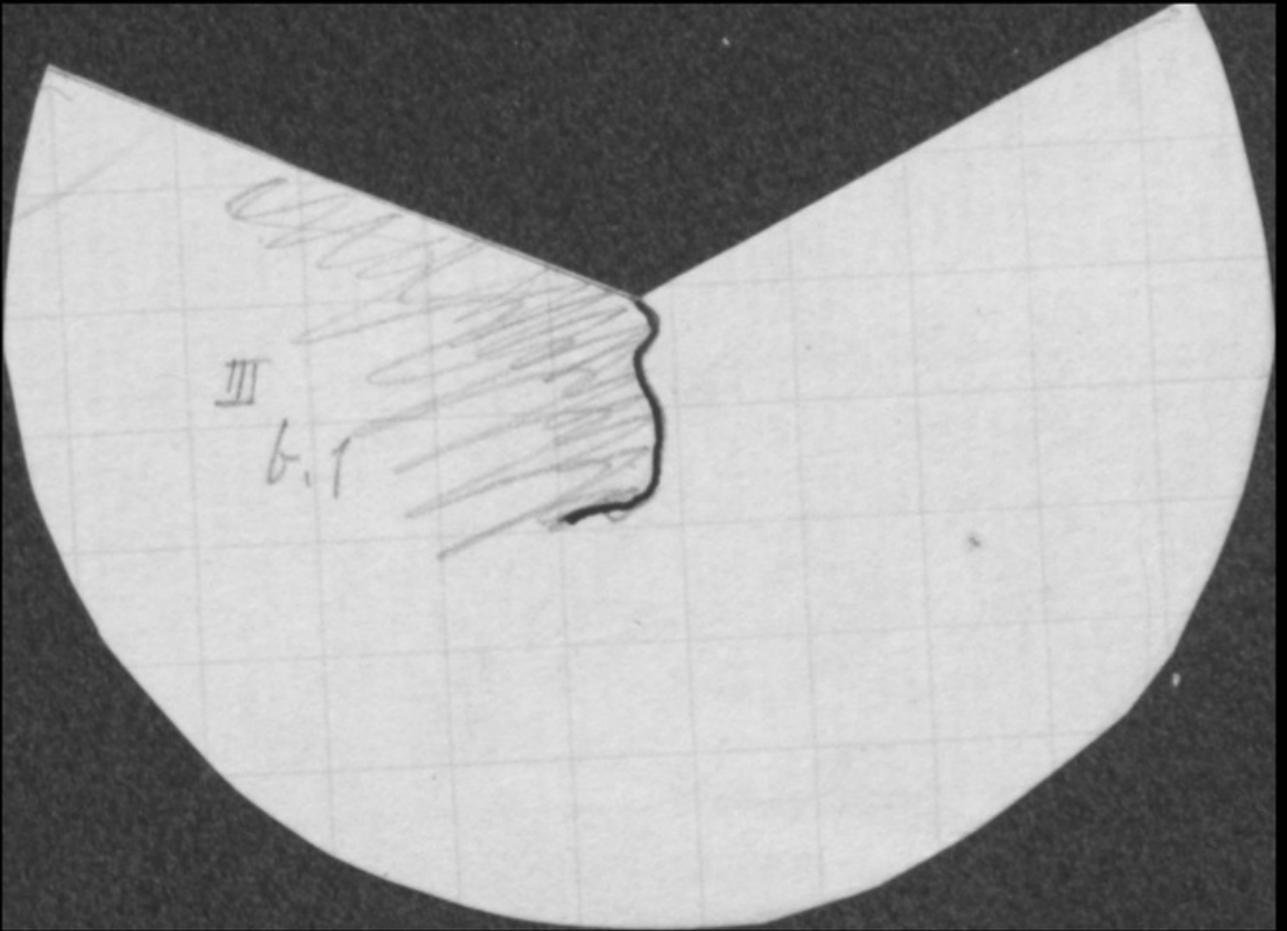


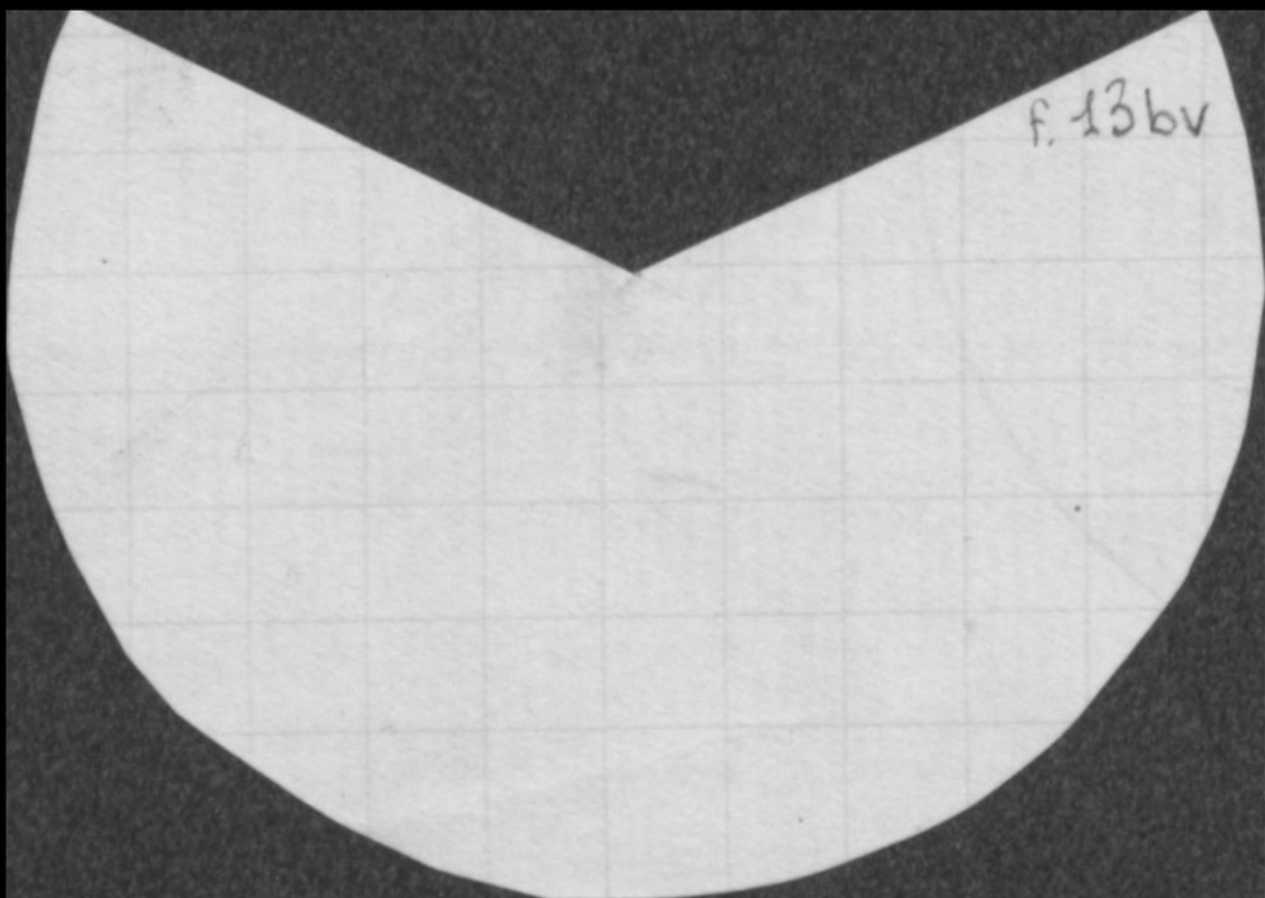
*Papua quadriceps* **LEGUET Br<sup>o</sup> SCDC. Seal depot. obs<sup>o</sup> A. LEFAG**

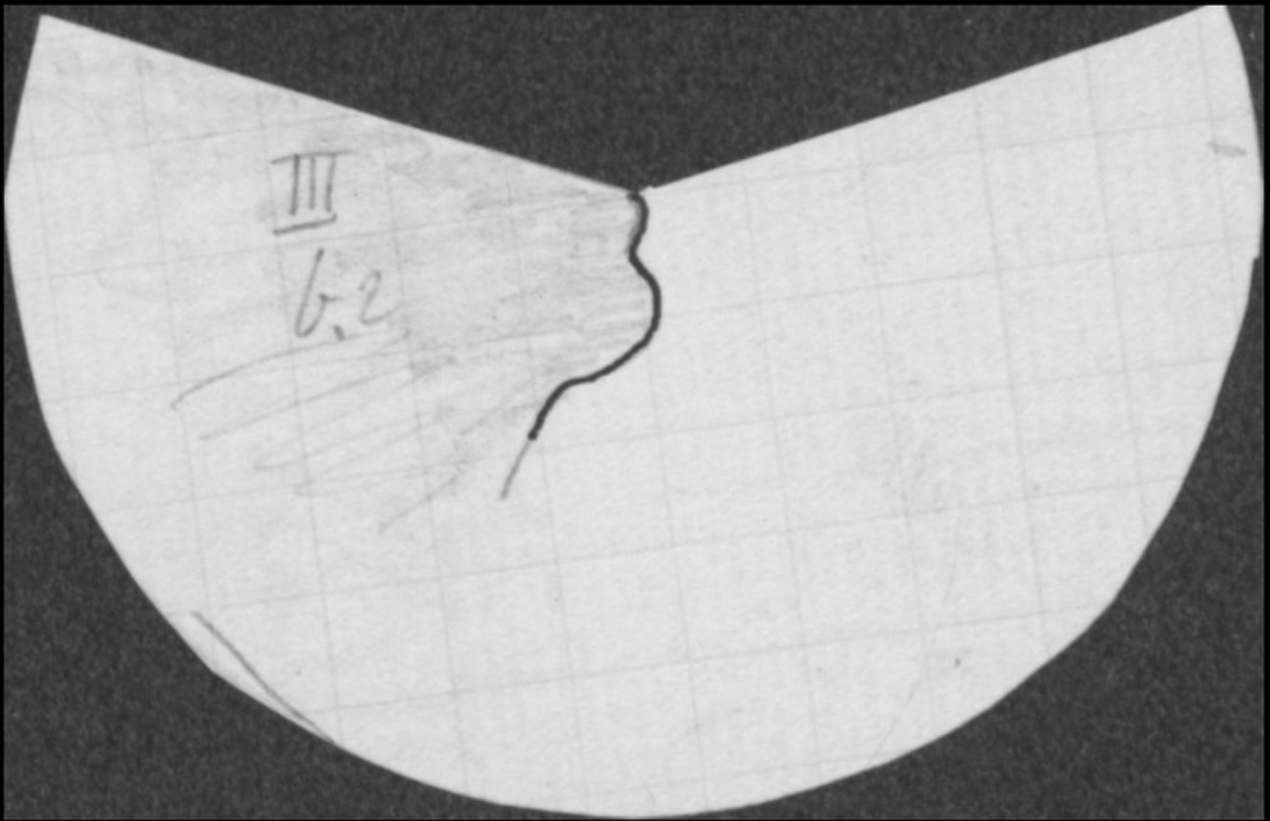
Marka is sub 2x3 bedula (mark) bulano temp 0.74  
 Marka is sub 3 mark (mark) of a cyprin line that length of 1.553 mark. Length  
 of bedula 2.8

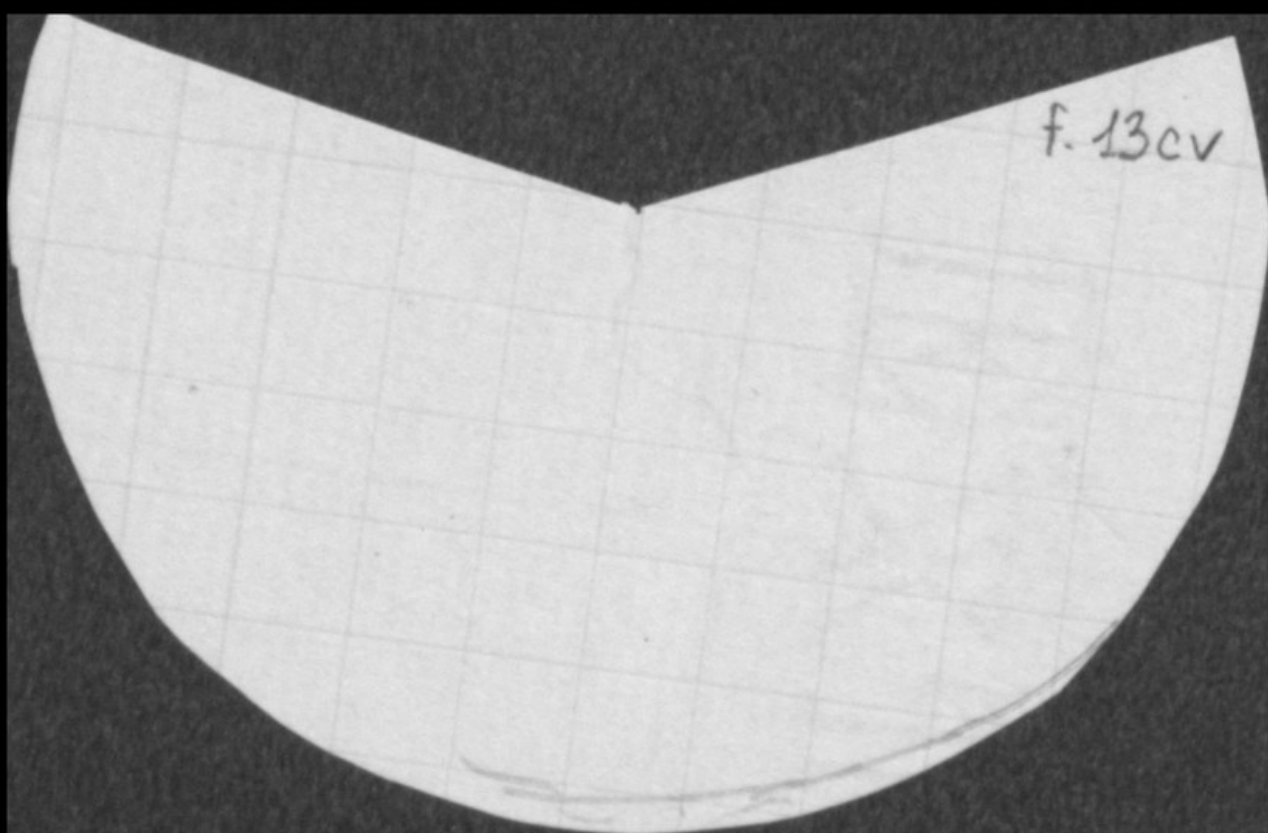


accuracy within = 0.1  
 surface about 9 x 10 = 360 sq mm

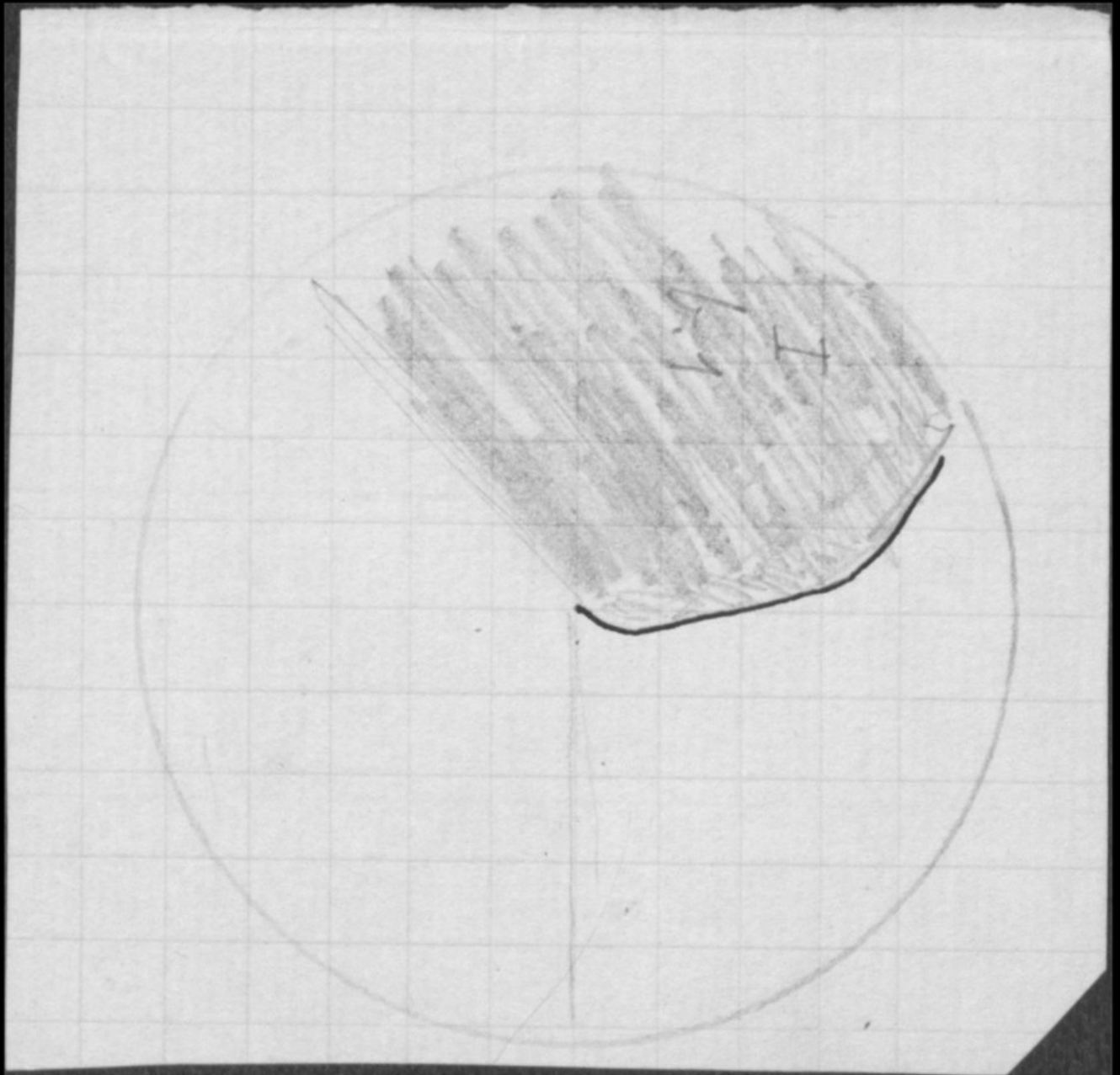








f. 13cv





f. 13dv

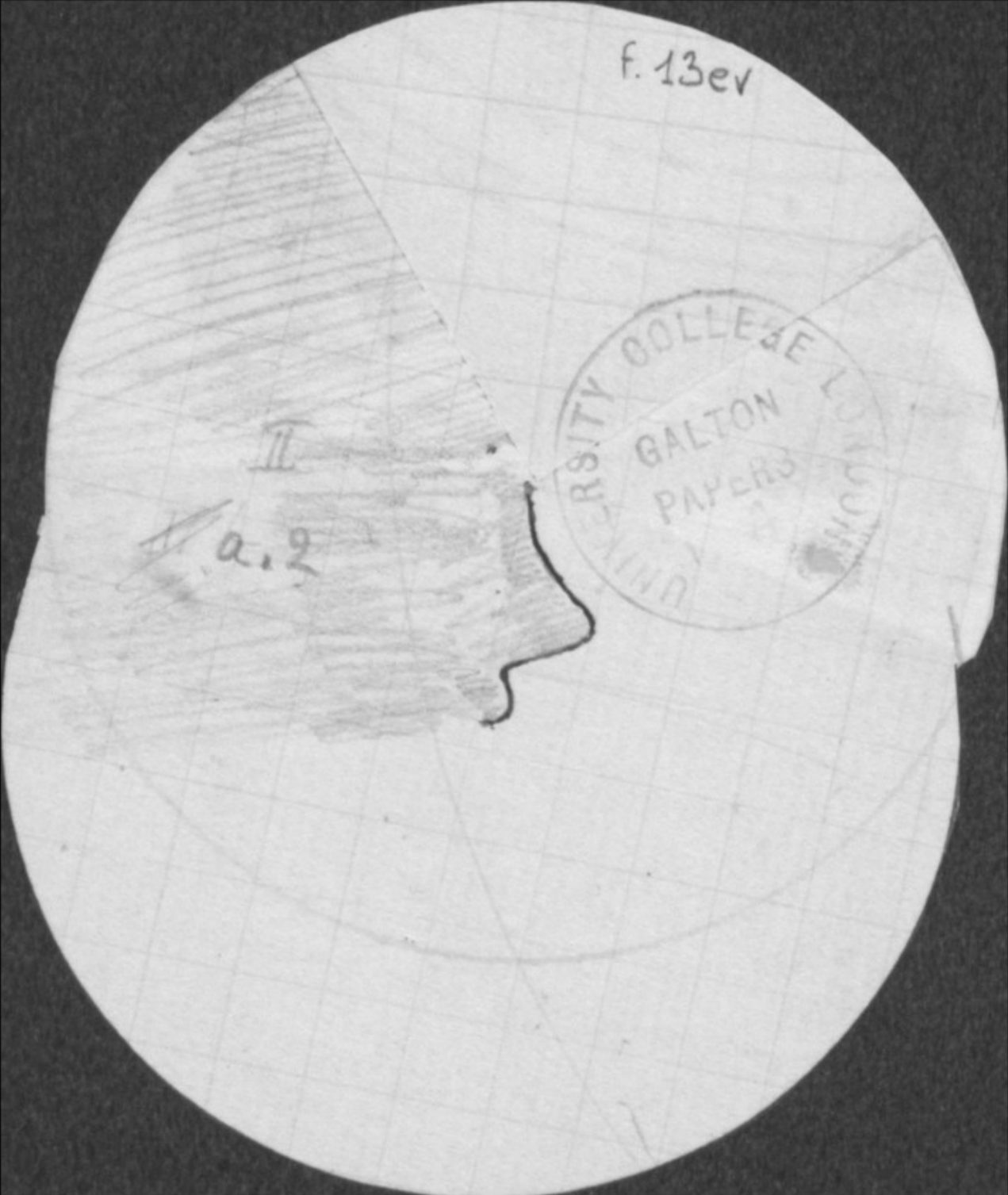


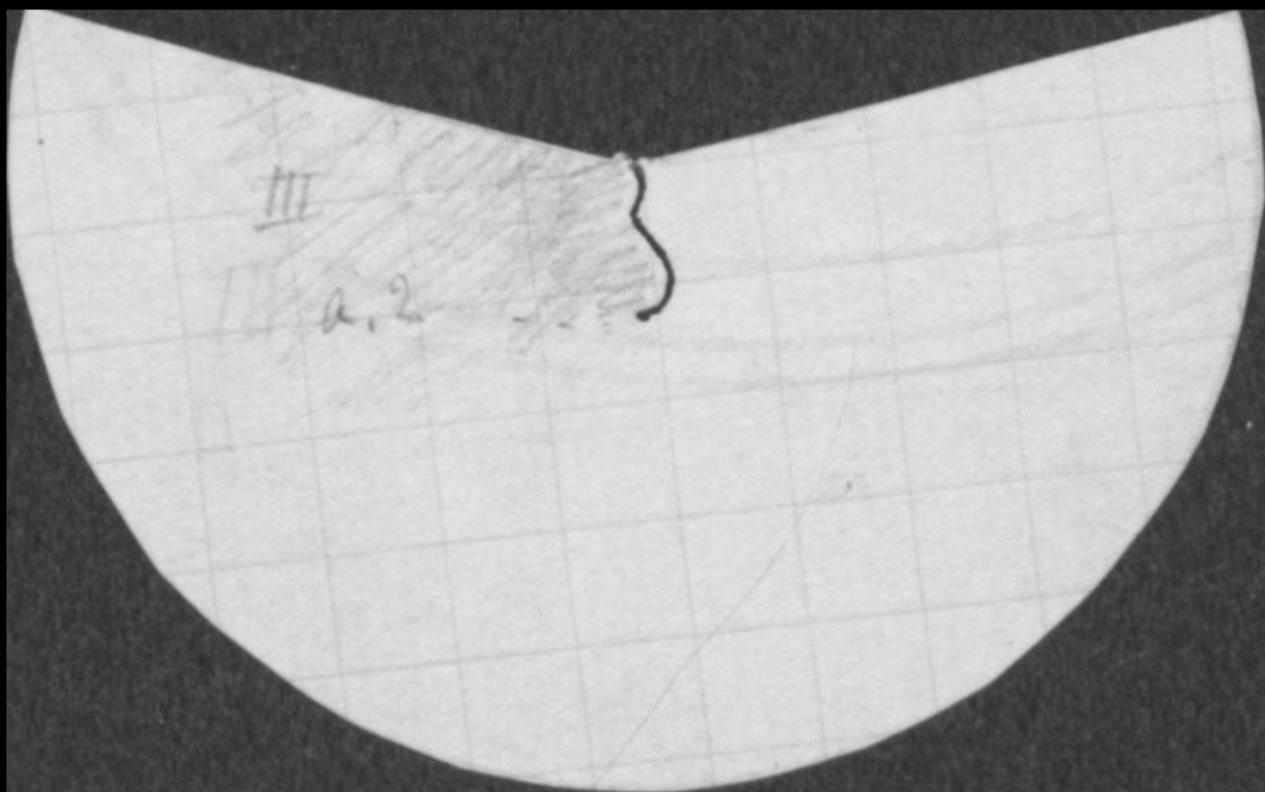
f. 13ev

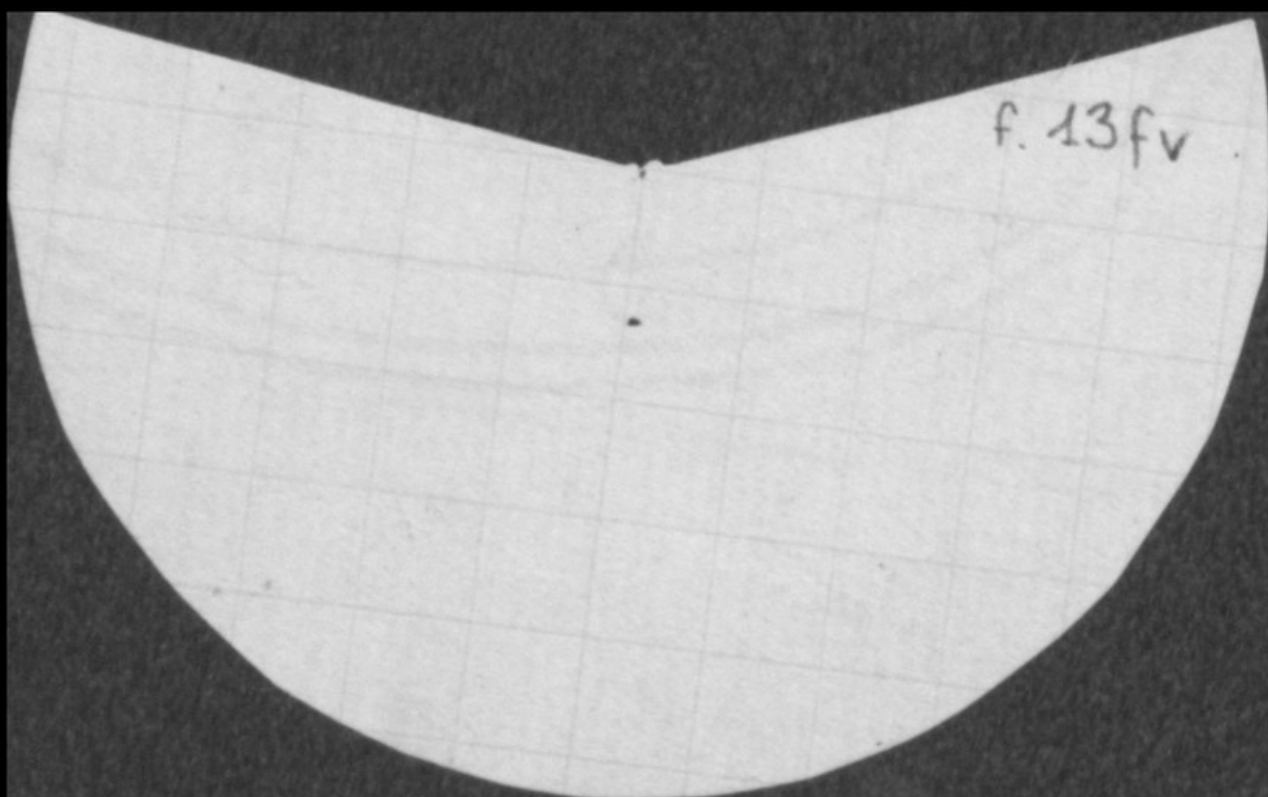
II

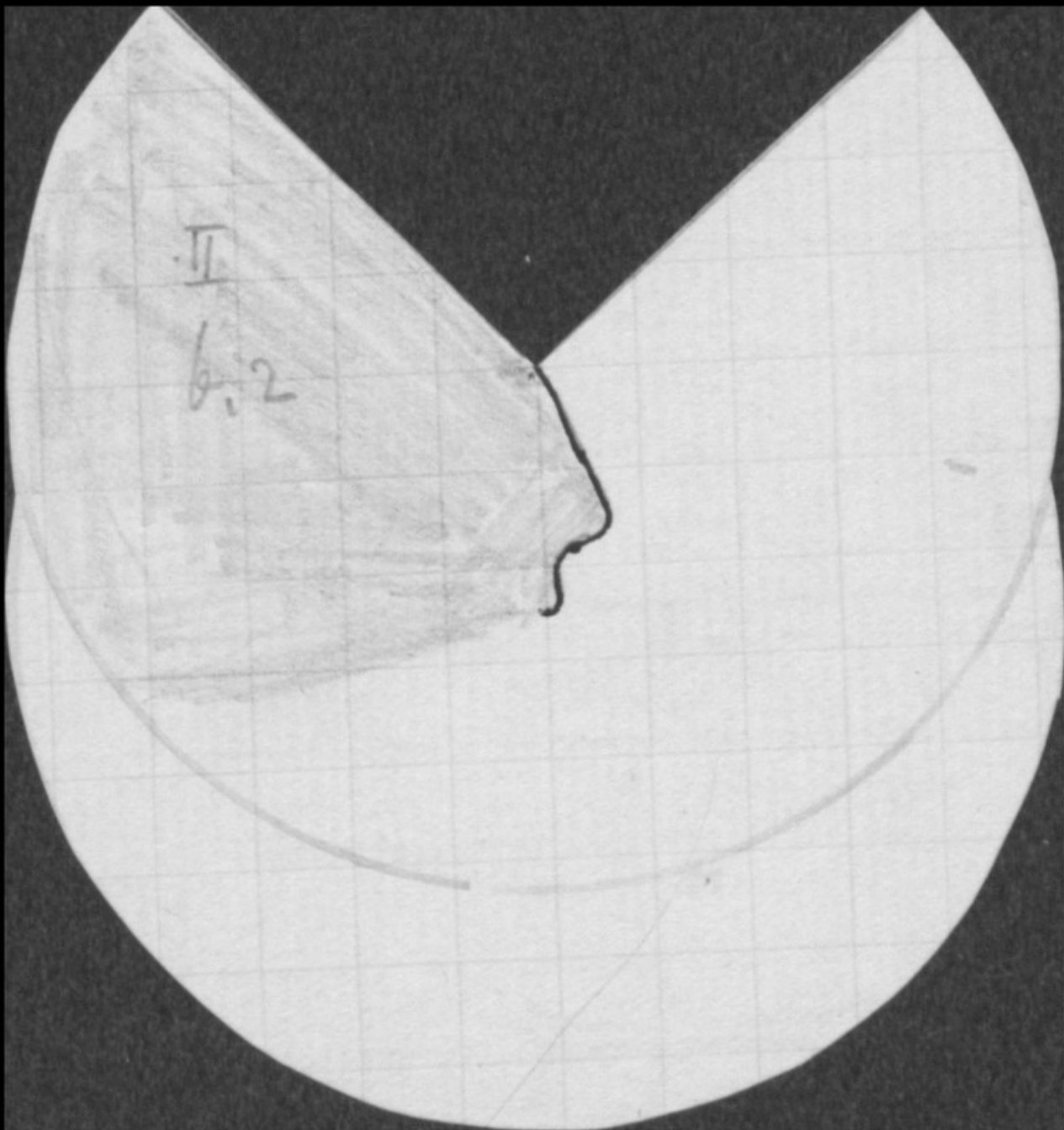
a. 2

UNIVERSITY COLLEGE LONDON  
GALTON PAPERS

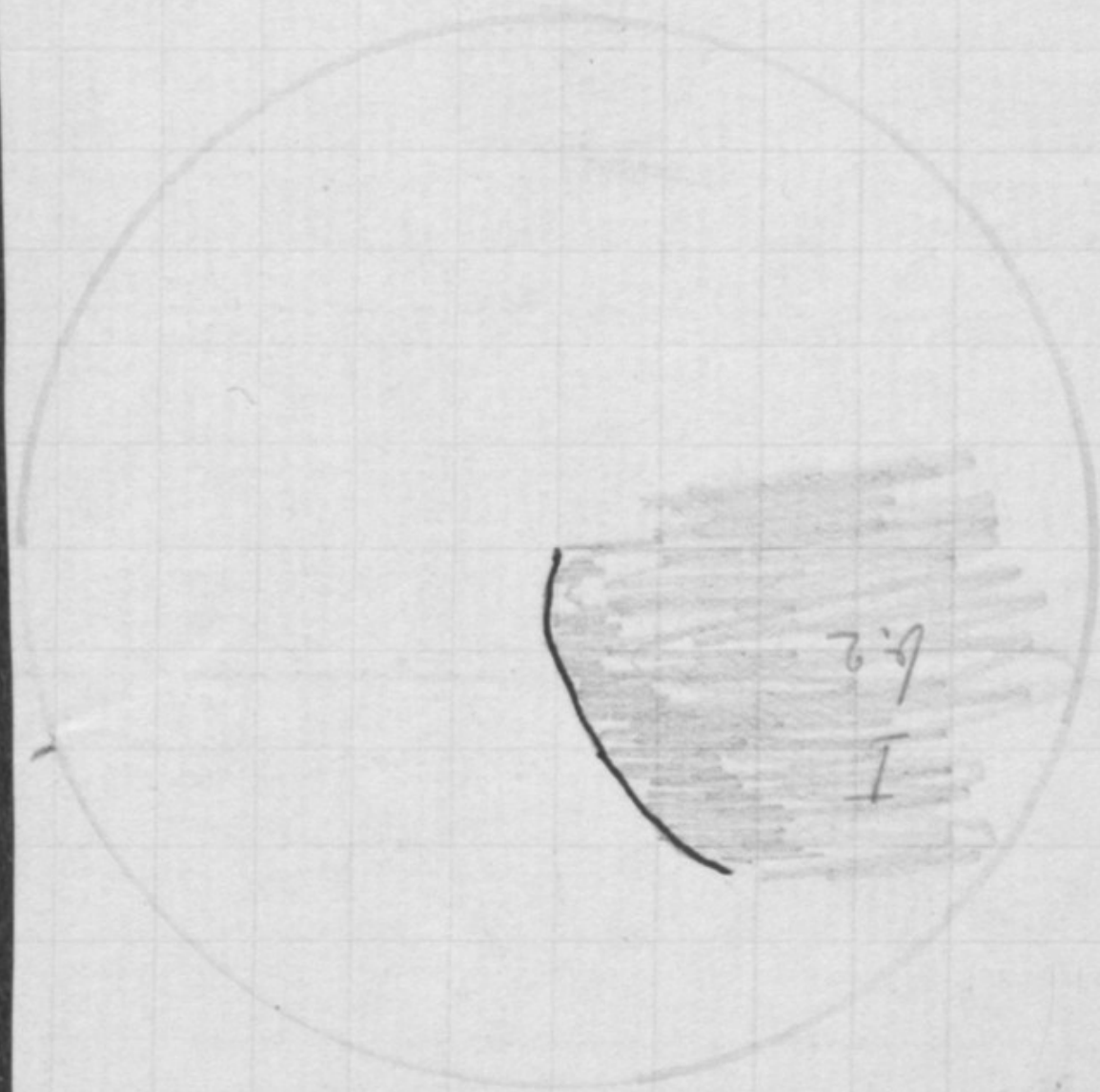








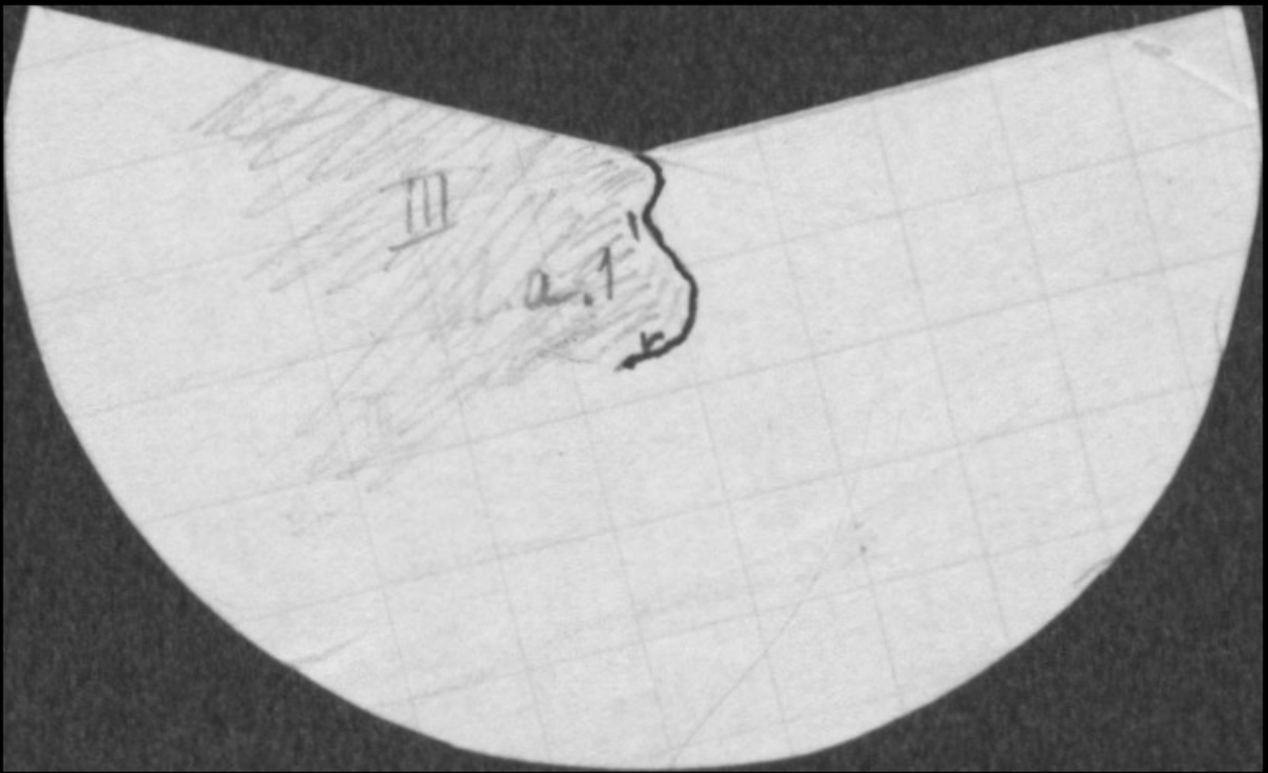
f. 13gv





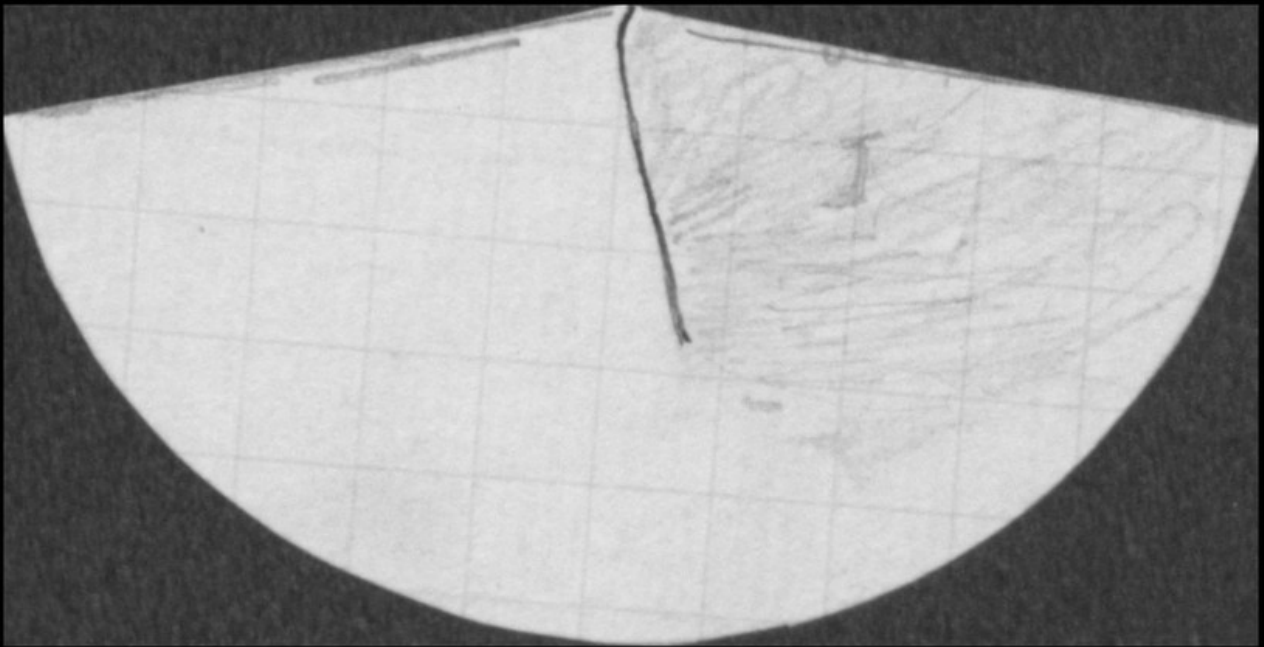
f. 13hv

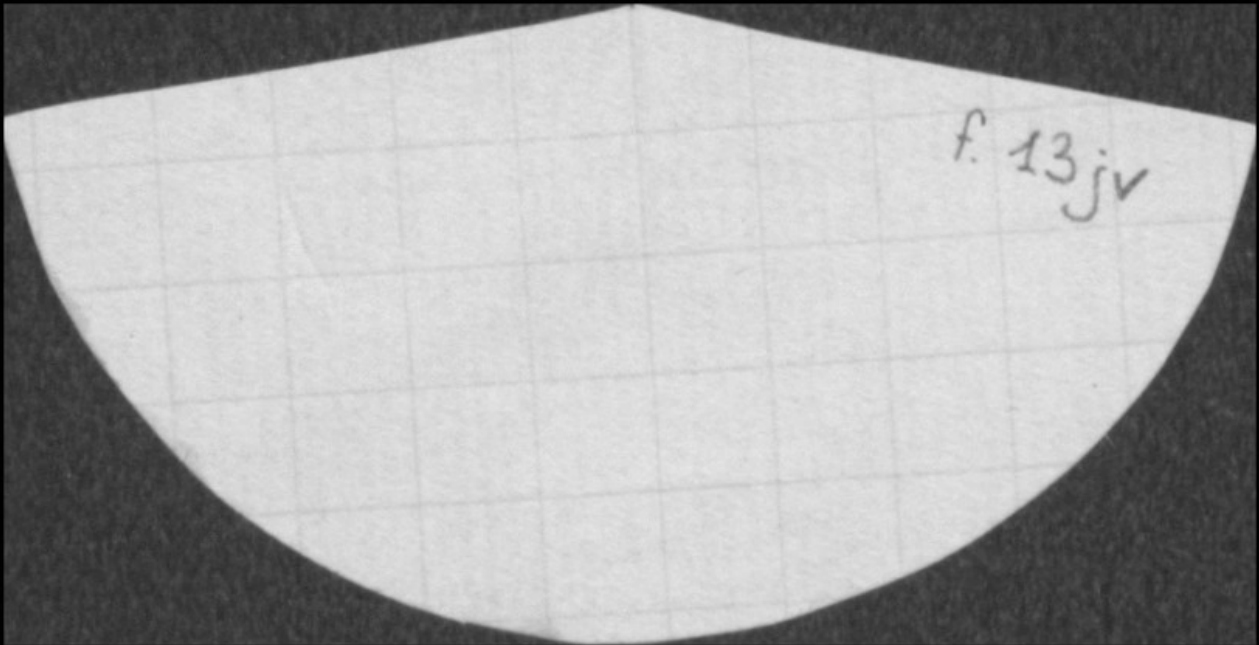


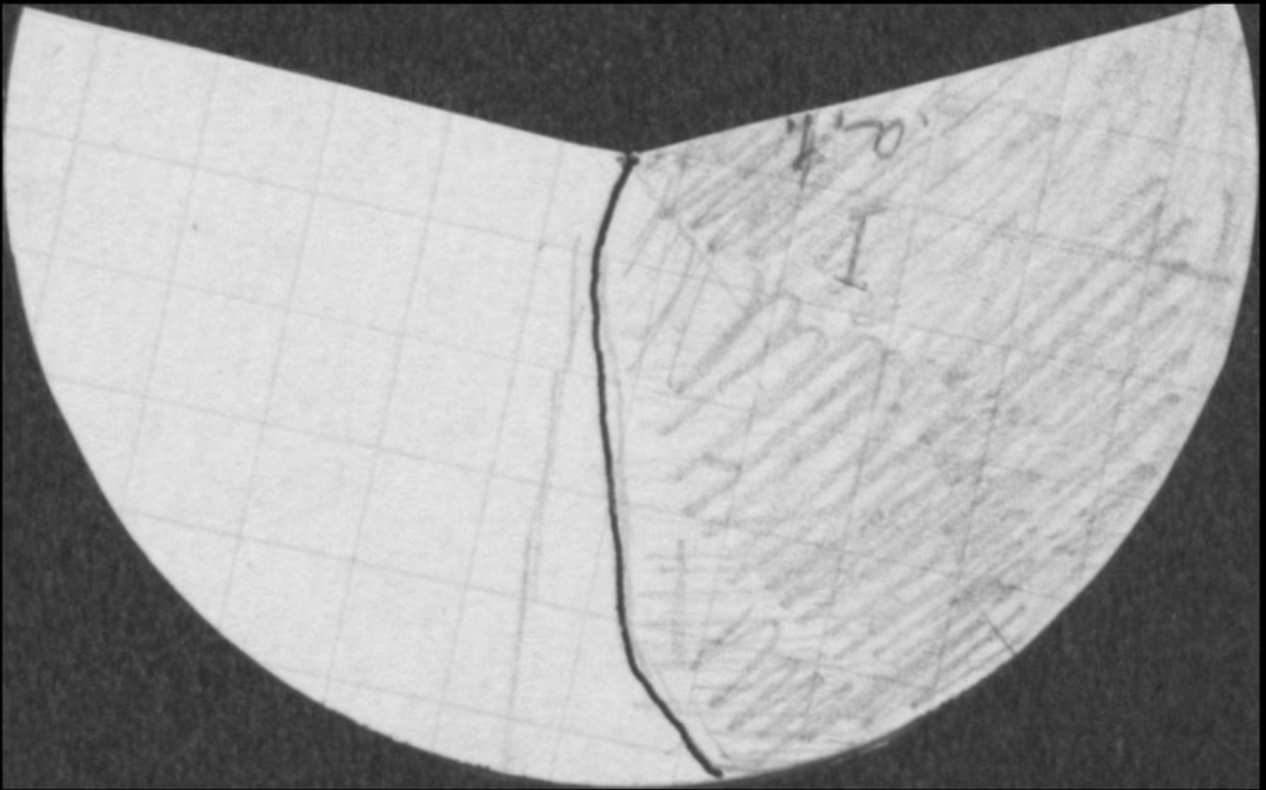


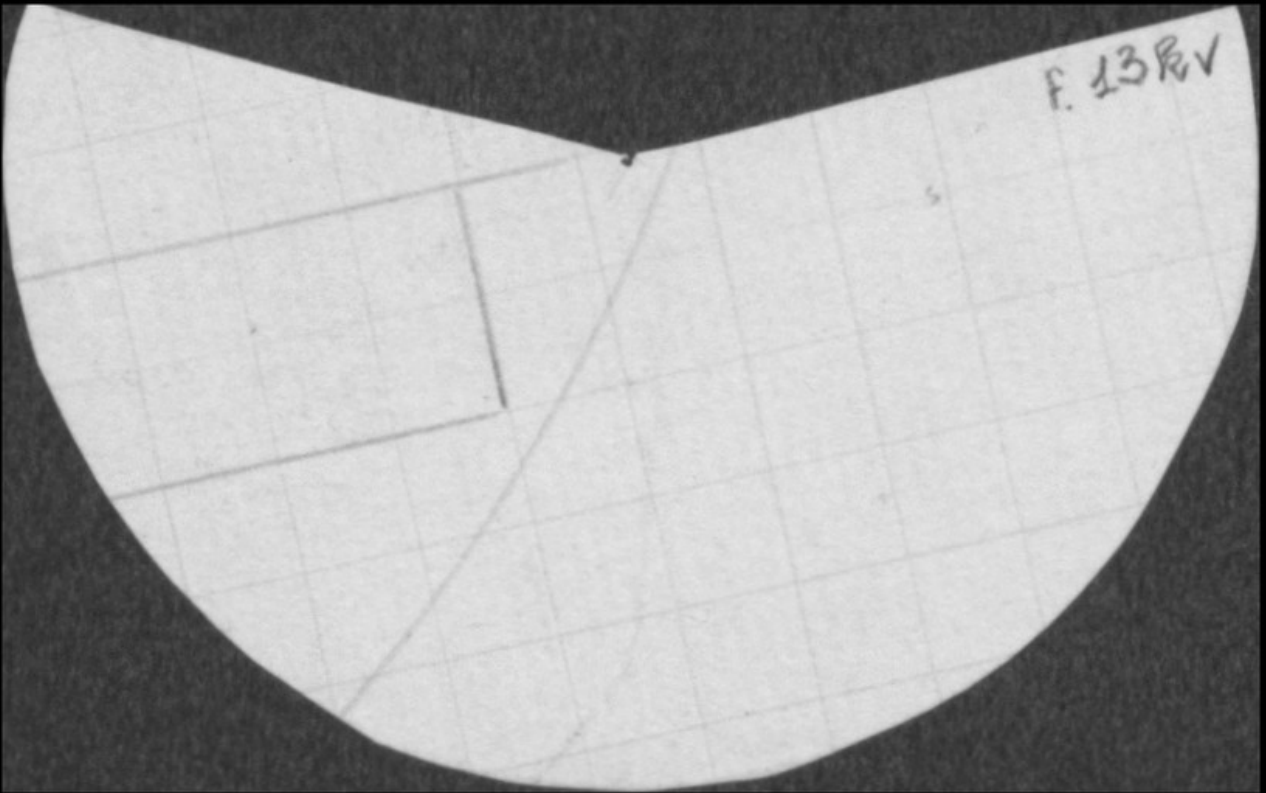
f. 13iv

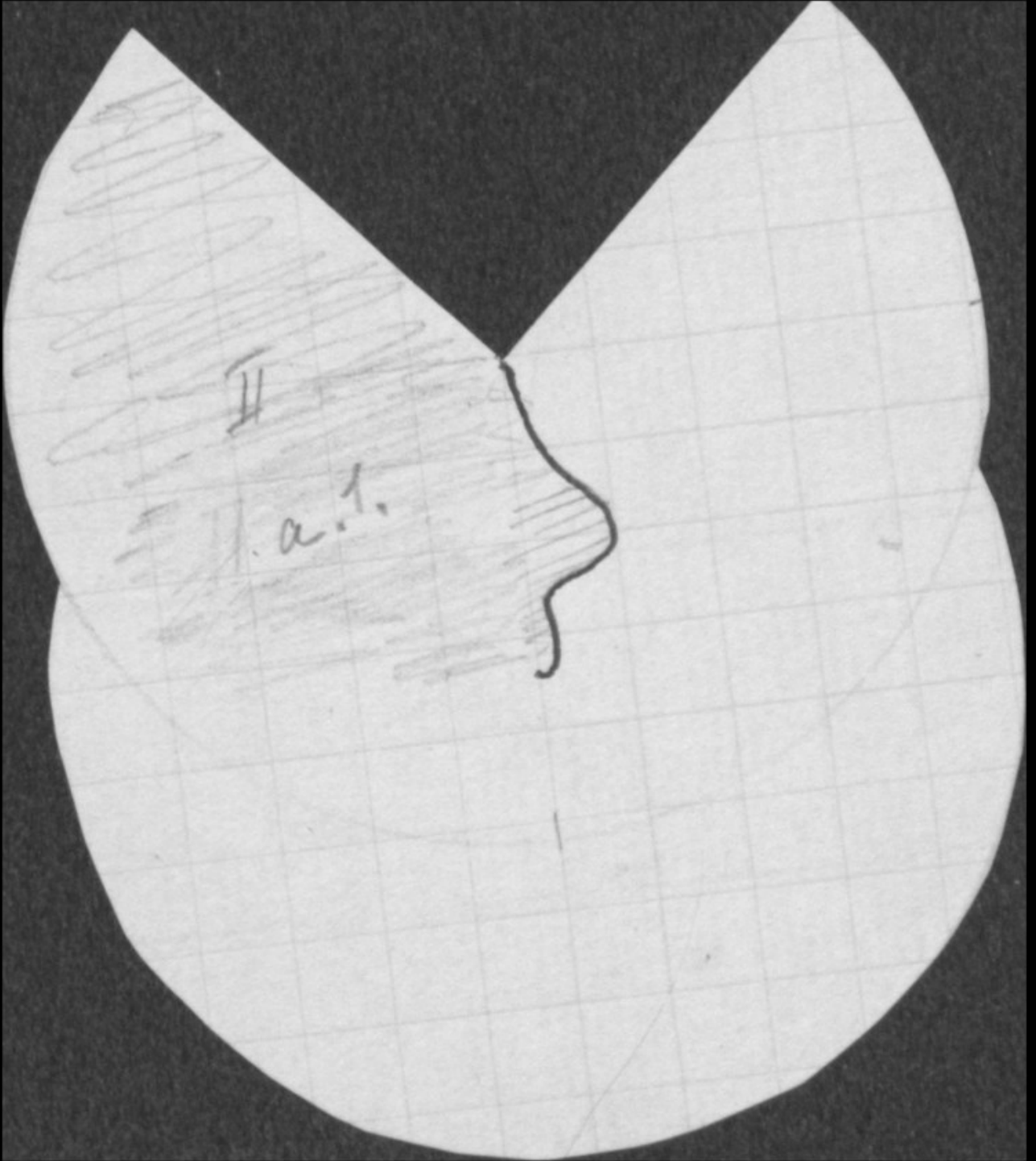














f. 138v



COLLEGE

II

b.1,



f. 13mv

LONDON  
GALTON PAPERS  
UNIVERSITY

Printed Portraits

No 2 1903





4 8 4  
16  
1 2 1  
1 2 4 2 1

3 8 10 8 3  
32

3 8 10 8 3  
3 8 10 8 3  
3 9 18 18 9 3

3 8 10 8 3  
3 8 10 8 3  
3 8 15 16 13 8 3

3 8 10 8 3  
3 8 10 8 3  
3 8 10 11 11 10 8 3

16 0 16  
16 0 16  
16 - 16  
16 - 16  
16 - 16

1 2 1  
2 4 2  
4 8 4  
8 16 8  
16 32 16  
32 64 32  
64 128 64  
128 256 128  
256 512 256  
512 1024 512  
1024 2048 1024

1 2 1  
2 4 2  
4 8 4  
8 16 8  
16 32 16  
32 64 32  
64 128 64  
128 256 128  
256 512 256  
512 1024 512

1 2 1  
2 4 2  
4 8 4  
8 16 8  
16 32 16  
32 64 32  
64 128 64  
128 256 128  
256 512 256  
512 1024 512

1 2 1  
2 4 2  
4 8 4  
8 16 8  
16 32 16  
32 64 32  
64 128 64  
128 256 128  
256 512 256  
512 1024 512

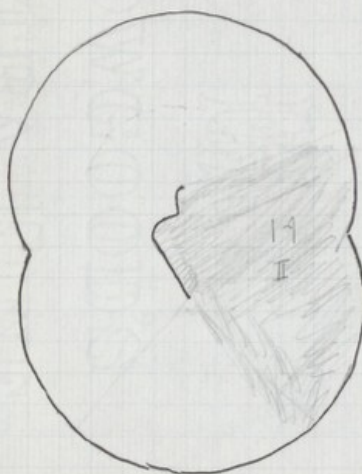
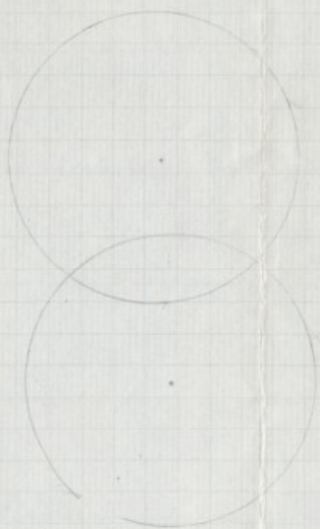
4 8 4 8 4  
4 8 4 8 4  
4 8 4 8 4  
4 8 4 8 4  
4 8 8 8 4

4 8 4 4 8 4  
4 8 4 4 8 4

1 2 1

1 3 1

3 8 10 8 3  
3 8 10 8 3  
3 8 10 8 3  
3 8 10 8 3  
3 8 10 8 3 - 3 8 10 8 3



---

ROYAL GEOGRAPHICAL SOCIETY.

---

Francis Galton, Esq., D.C.L., F.R.S.,  
42 Rutland Gate, S.W.

Intimation of a Change of Address  
must reach the Office of the R.G.S. not later than the 15th of the month.

*Jointed  
F. Galton  
Portraits*

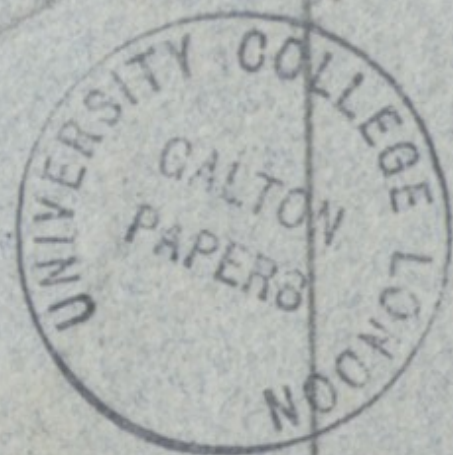
Jointed Portraits





f. 15v

16

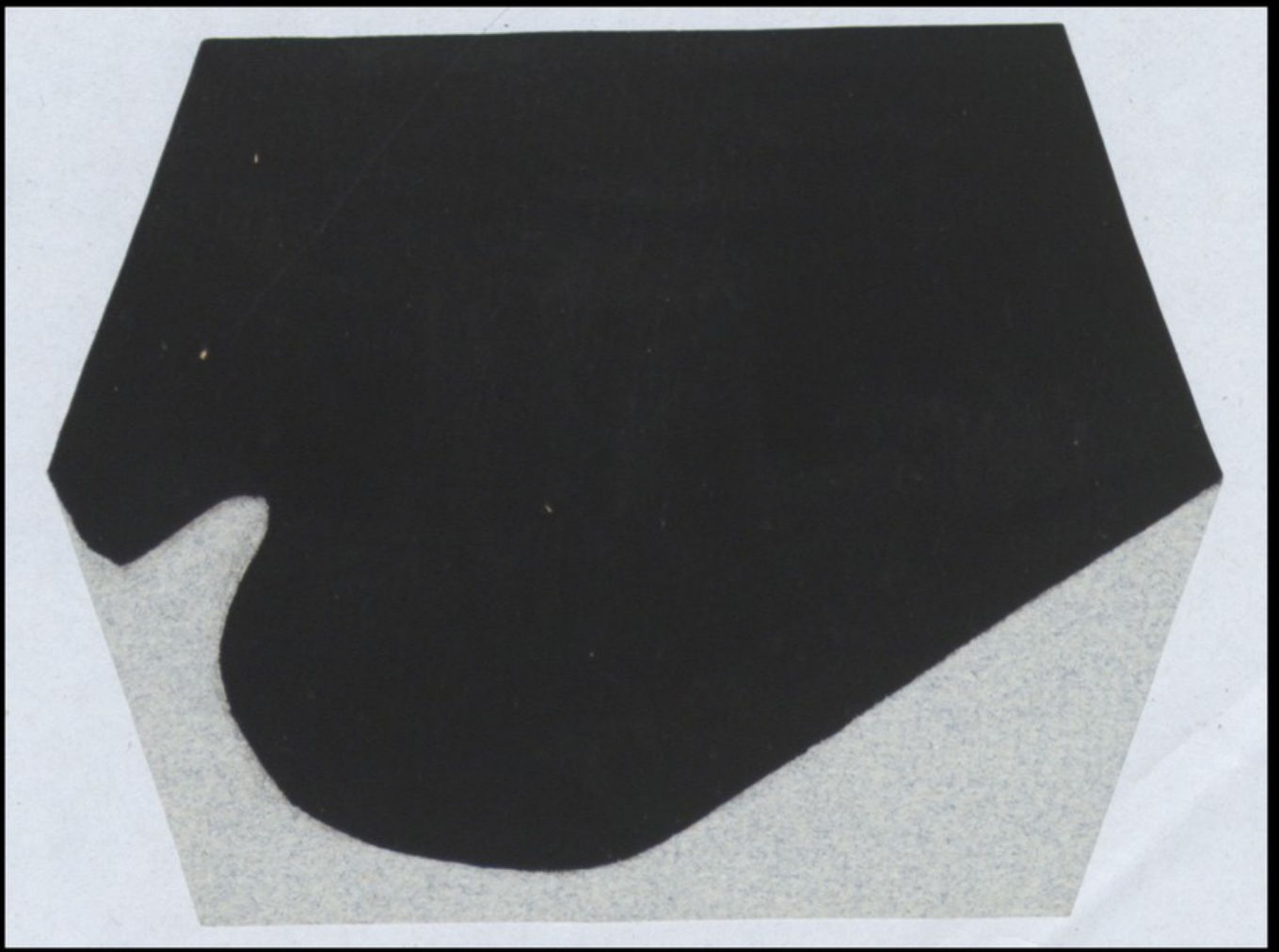


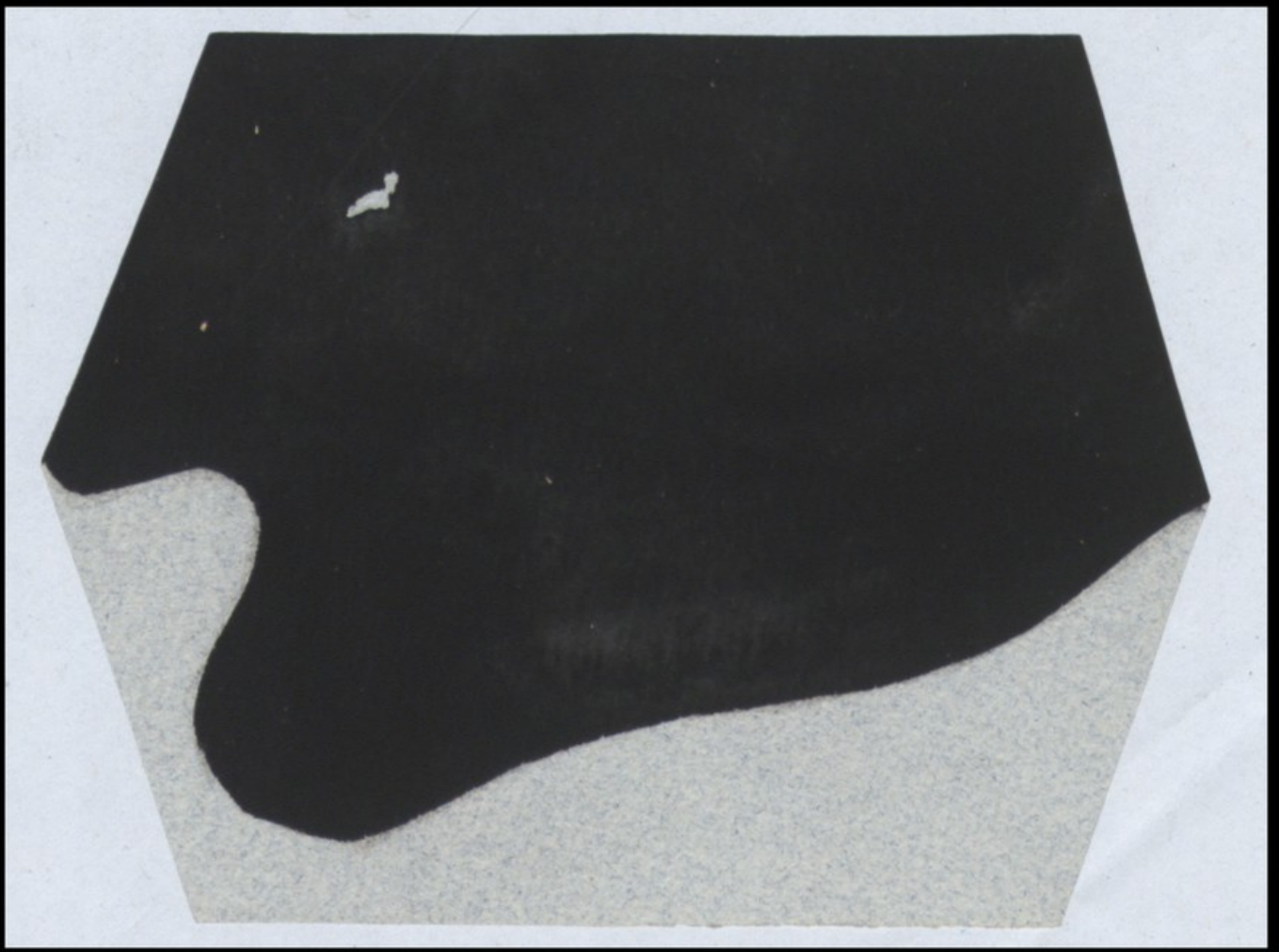


f. 16v

7

UNIVERSITY COLLEGE  
GALTON  
PAPERS  
LONDON





f. 18v

50



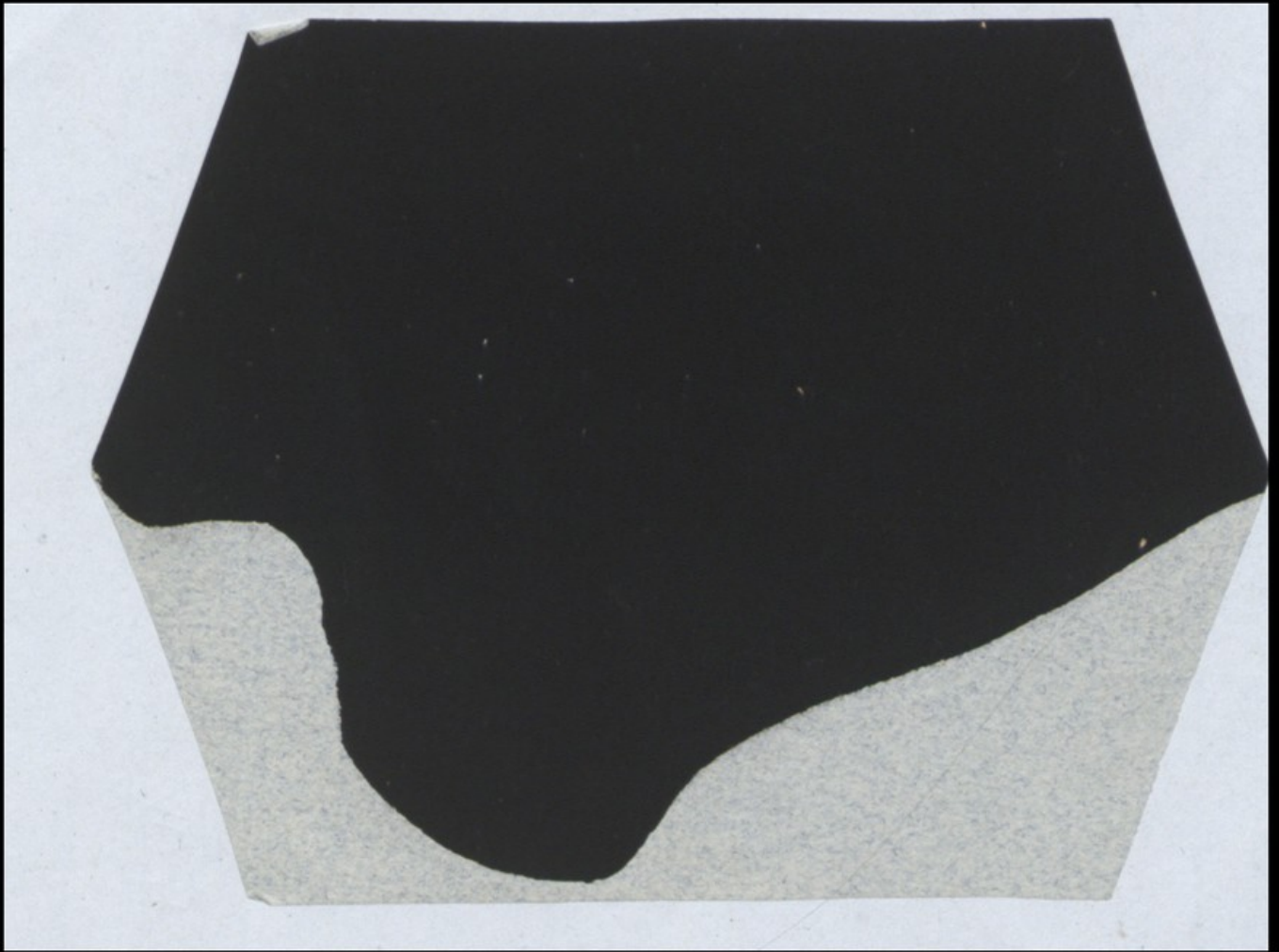




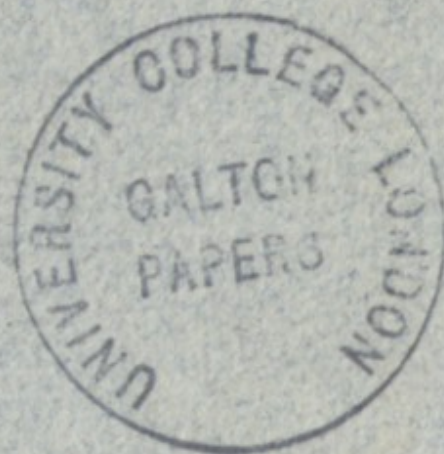
f. 19v

UNIVERSITY COLLEGE LONDON  
GALTON  
PAPERS

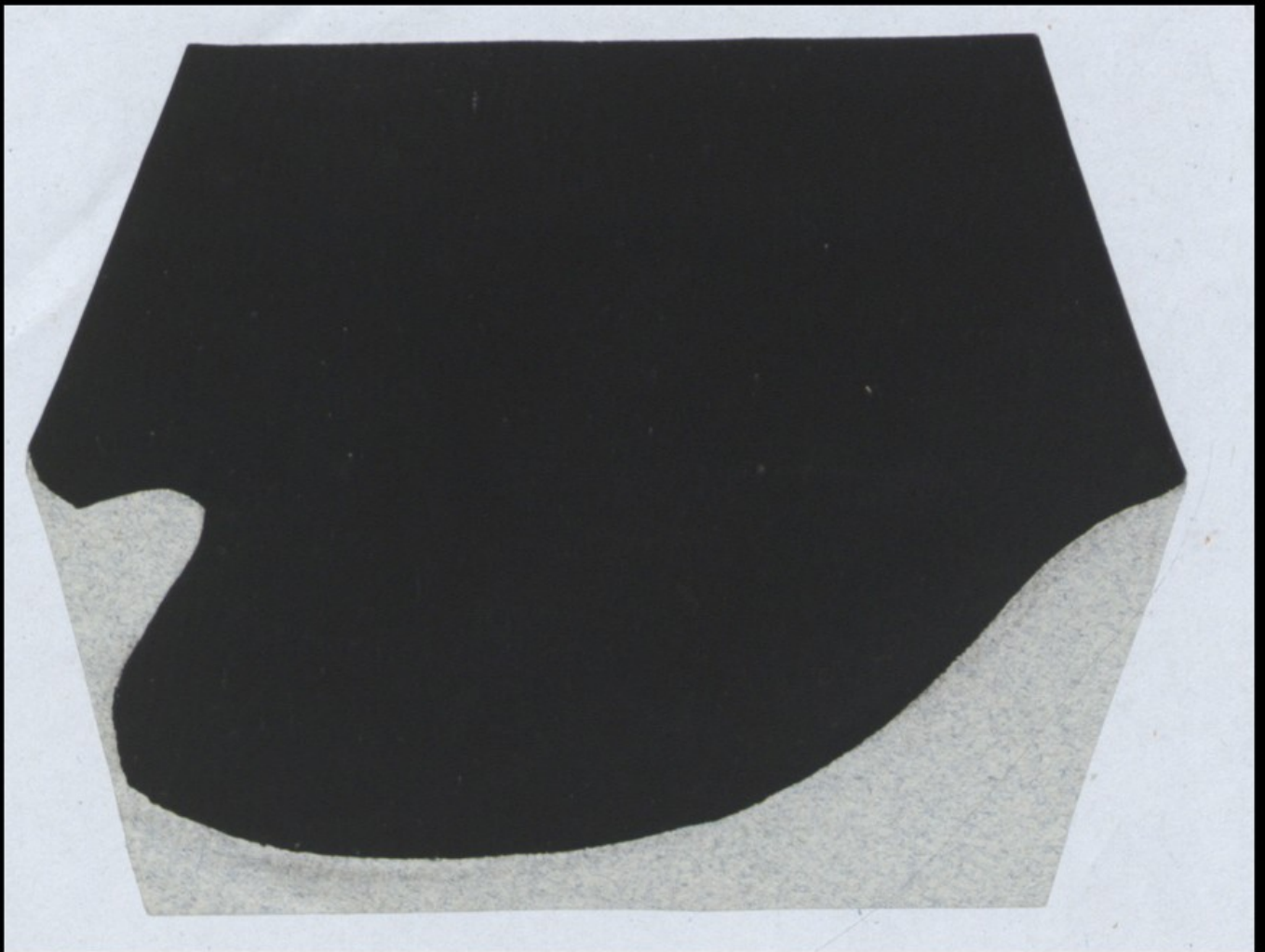
17



f 20v

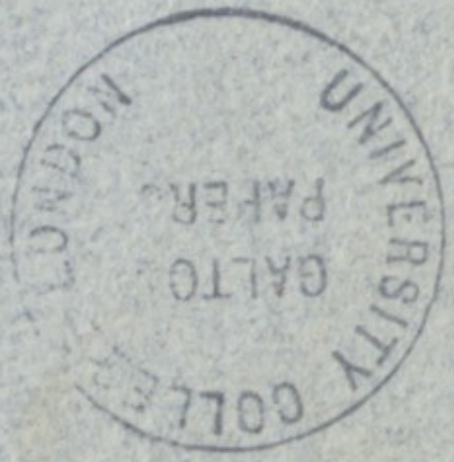


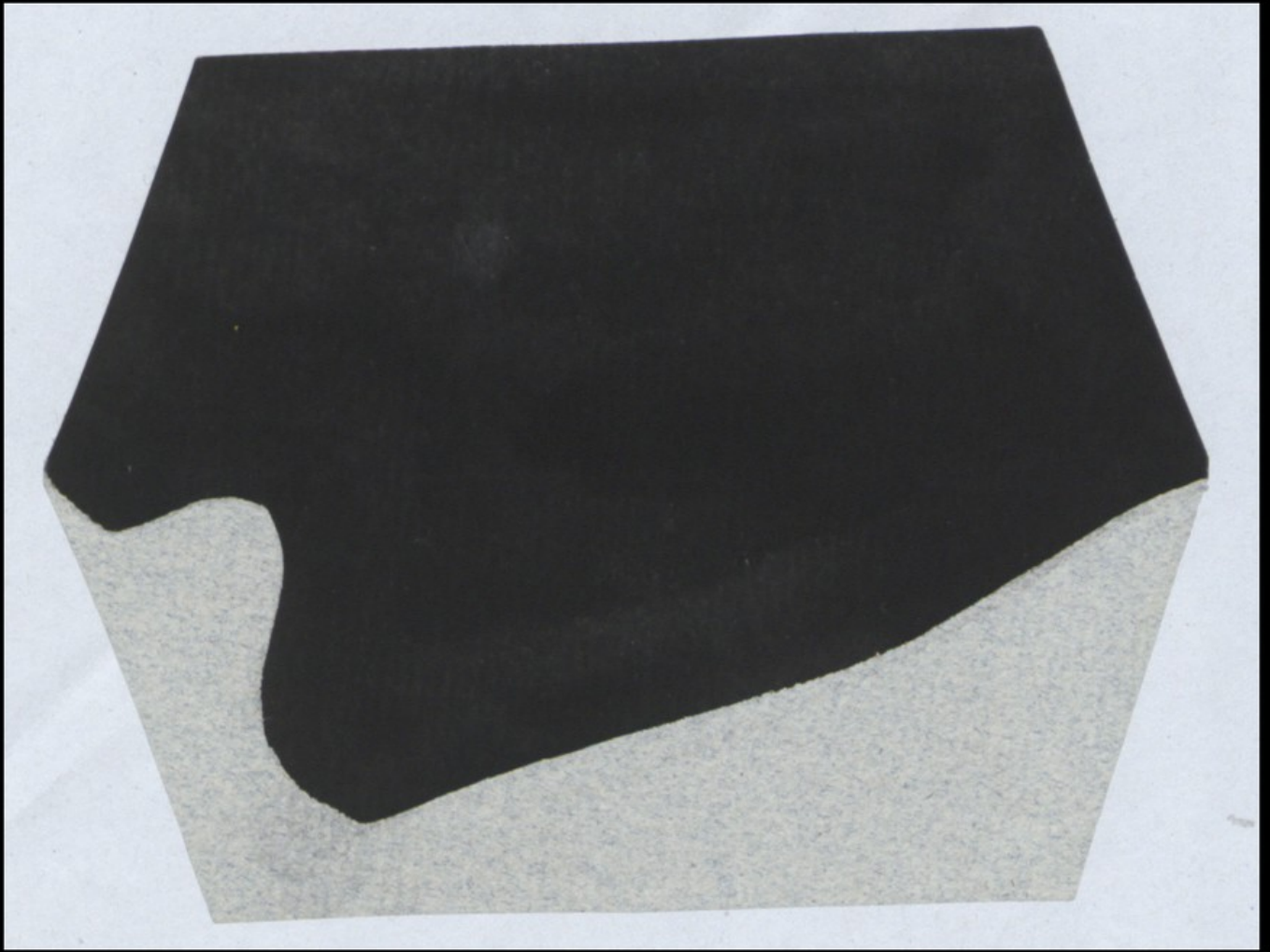
3



f. 21v

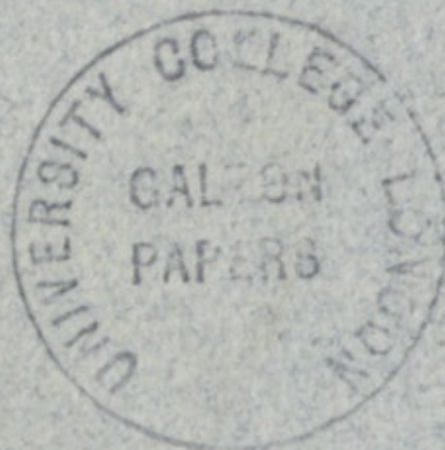
2

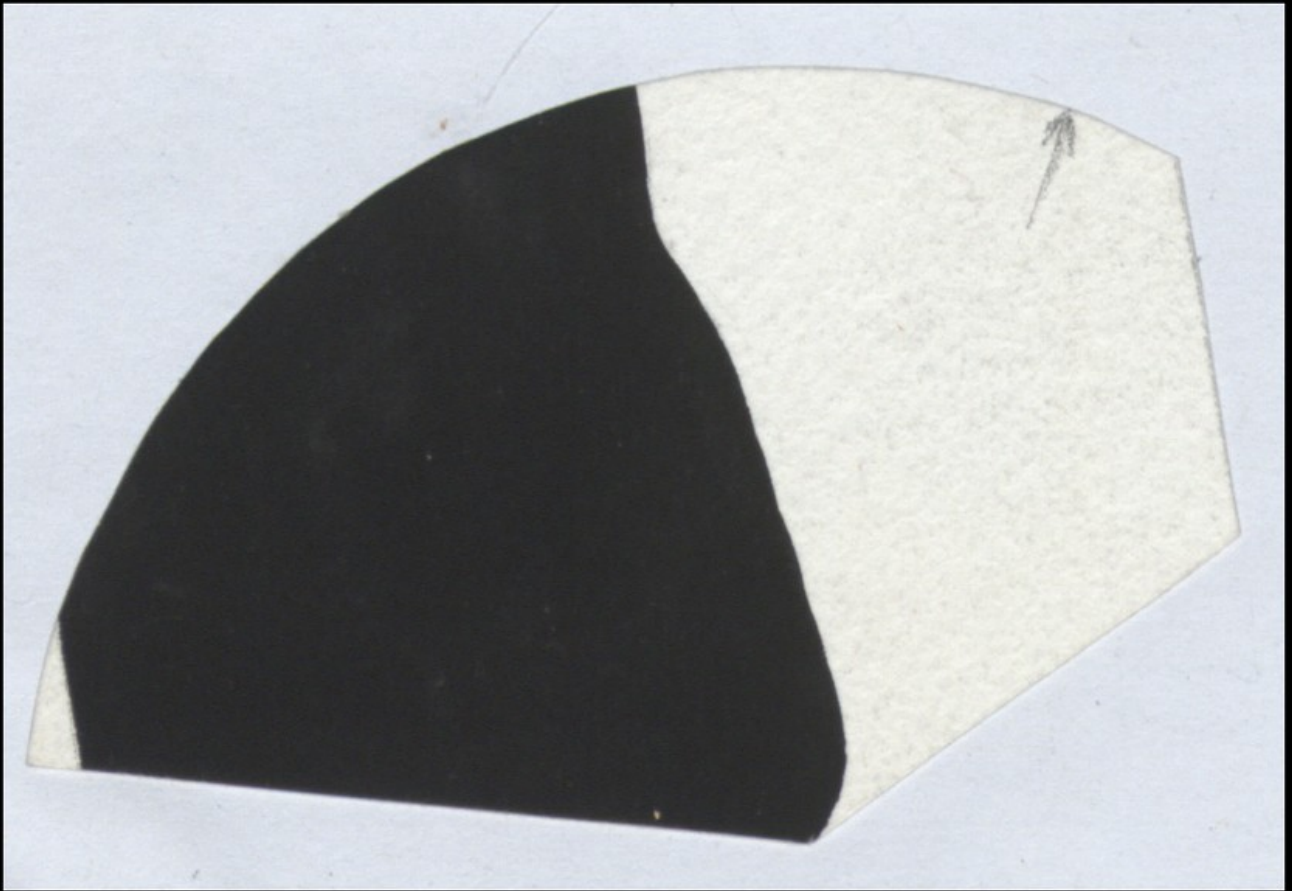




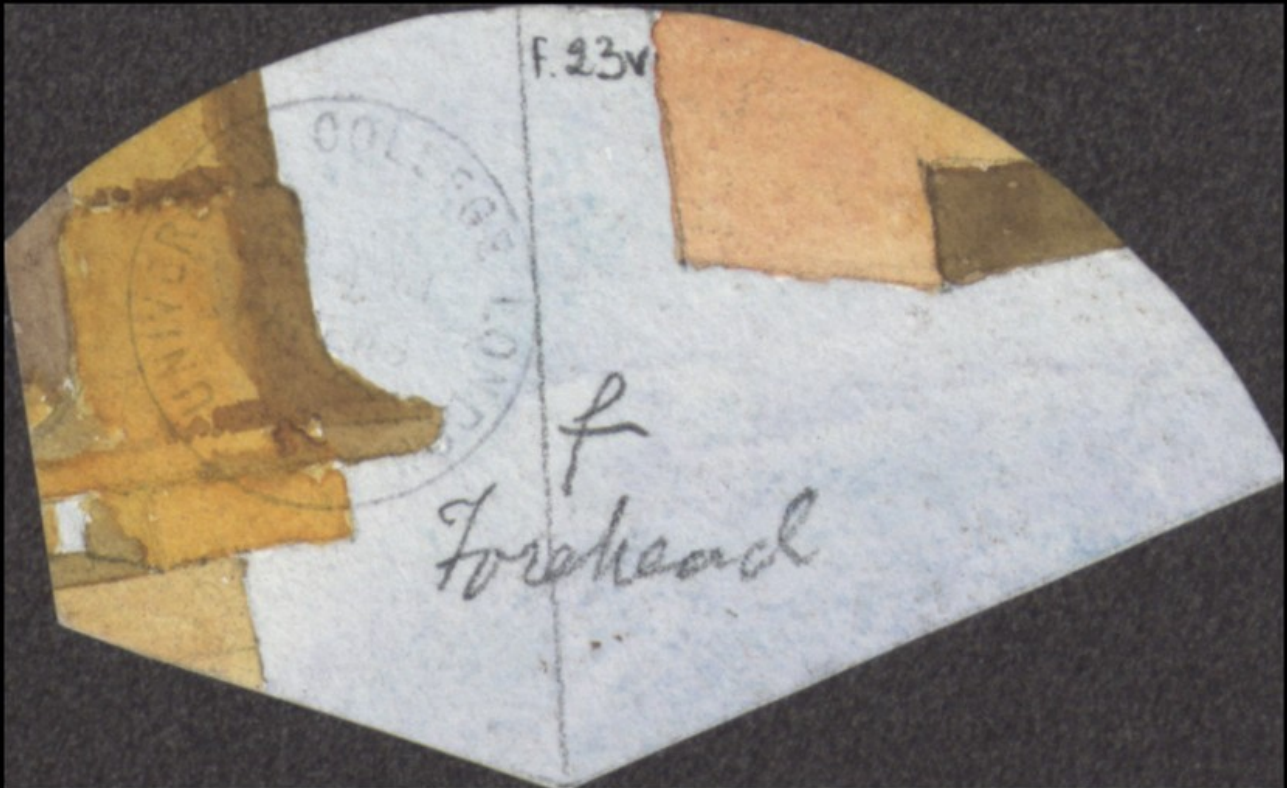
f. 22v

7





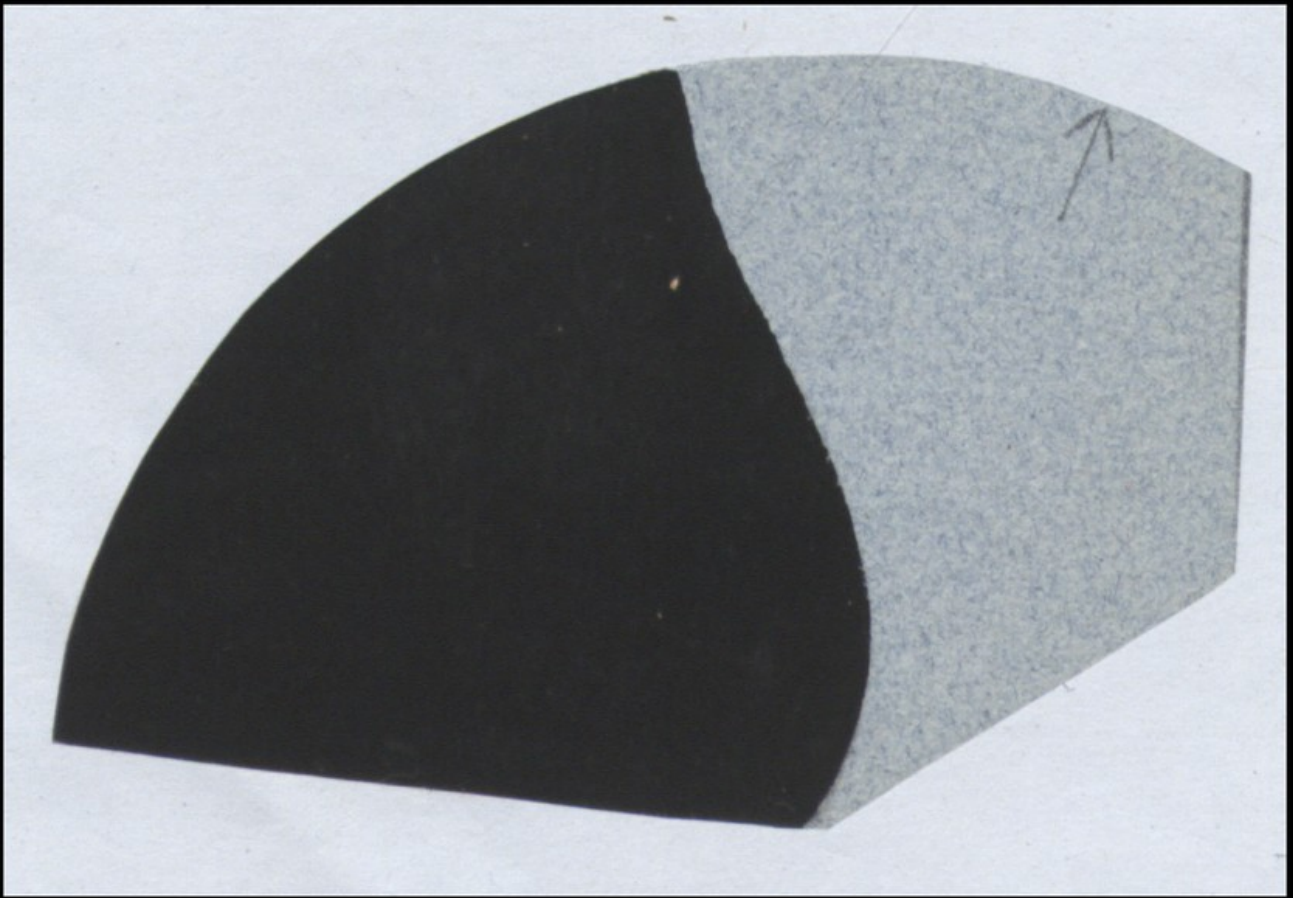




F. 23v

COLLEGE OF  
1870

f  
Forehead



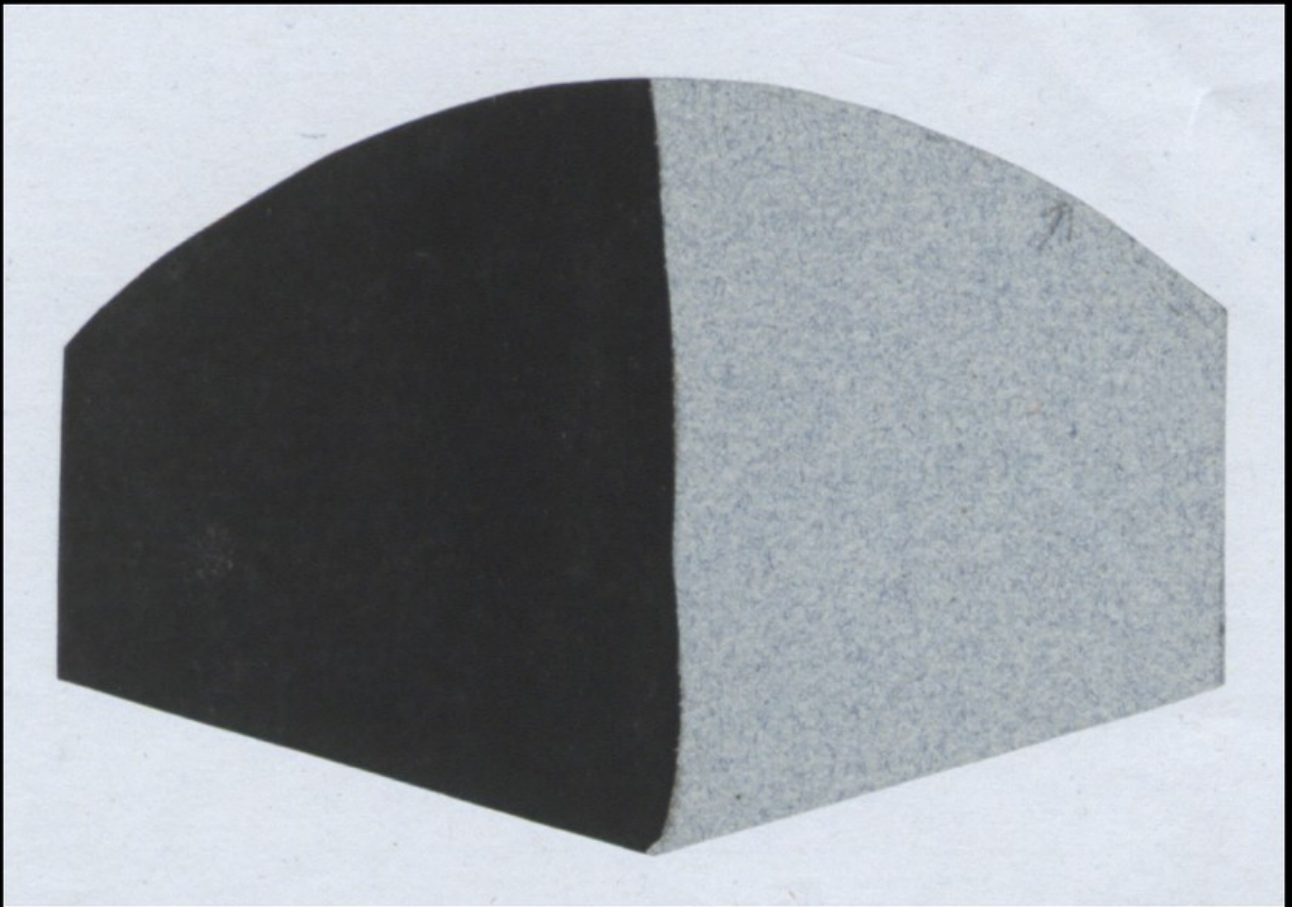


UNIVERSITY COLLEGE  
GALTON PAPERS  
NOV 1881

F. 24v

d

Forehead

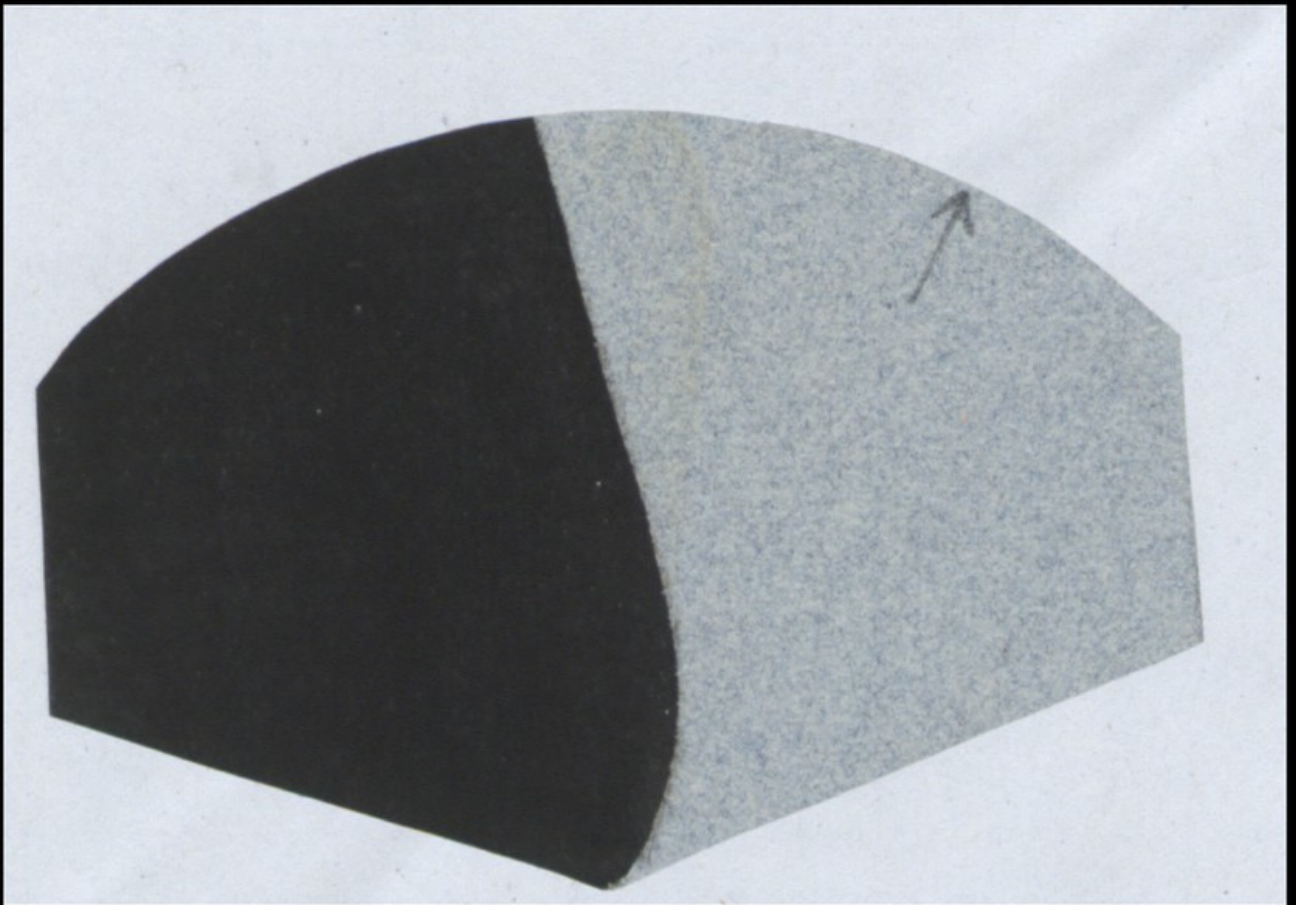


f. 25v

UNIVERSITY COLLEGE  
GALILEO  
PAPERS  
1862

b

Forehead

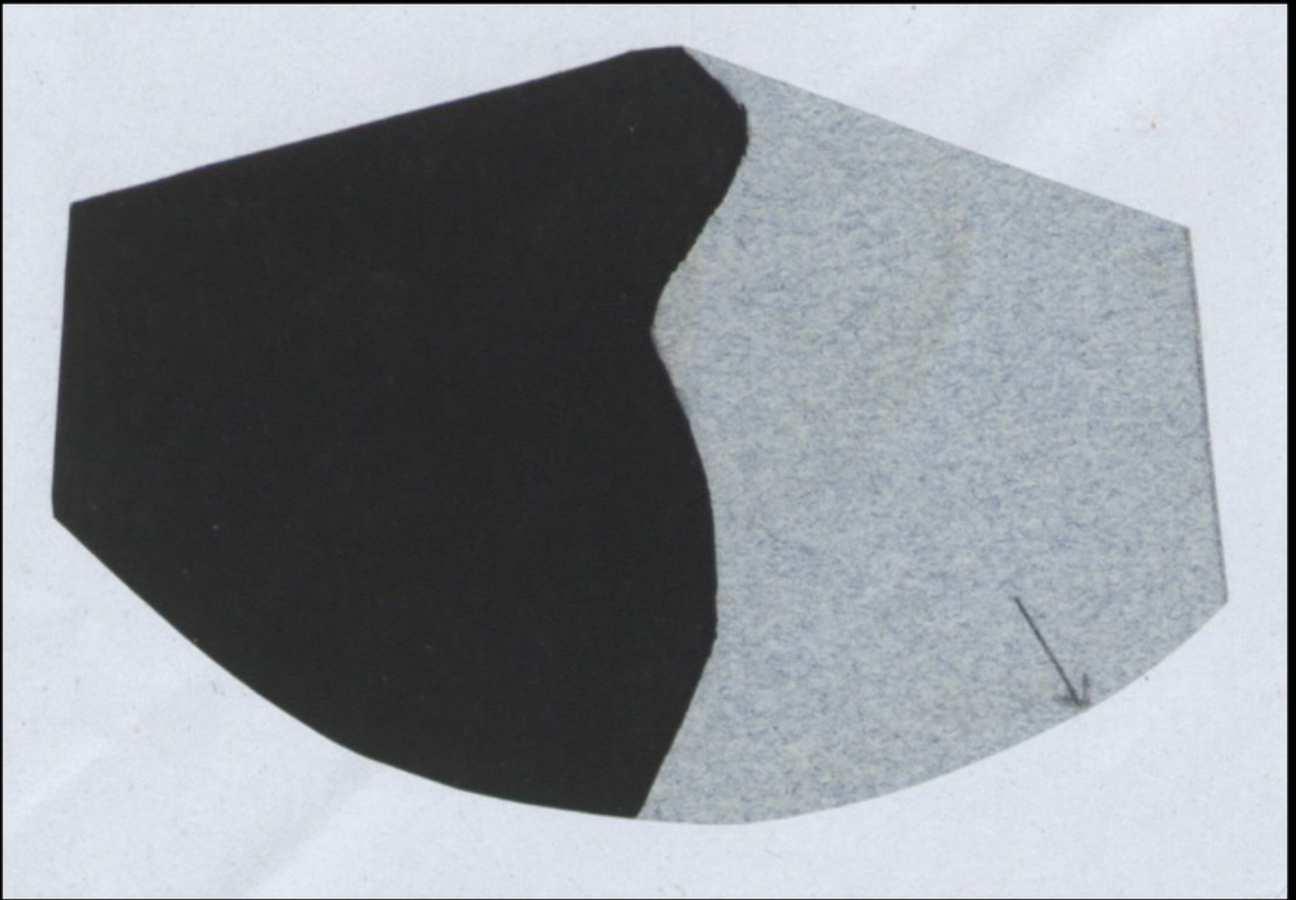


f. 26v

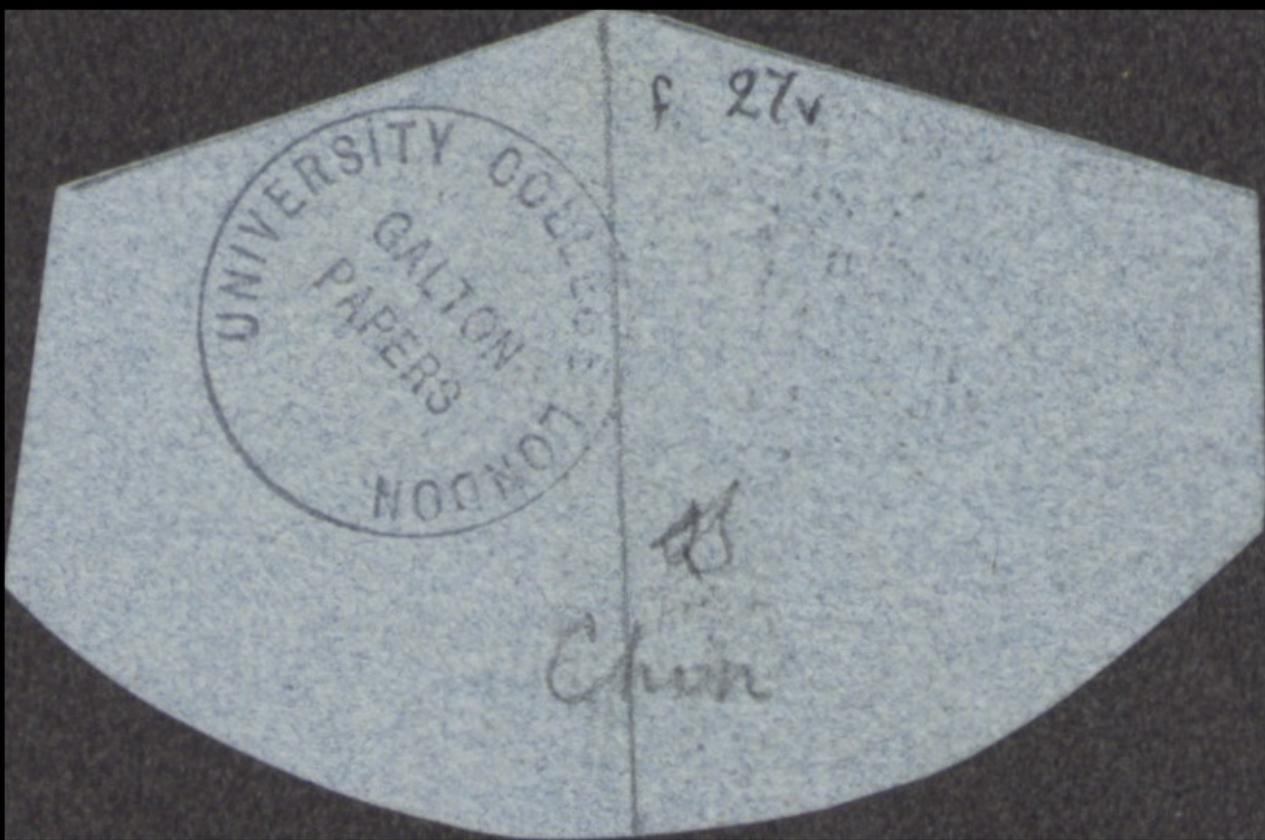


C

*Forehead*





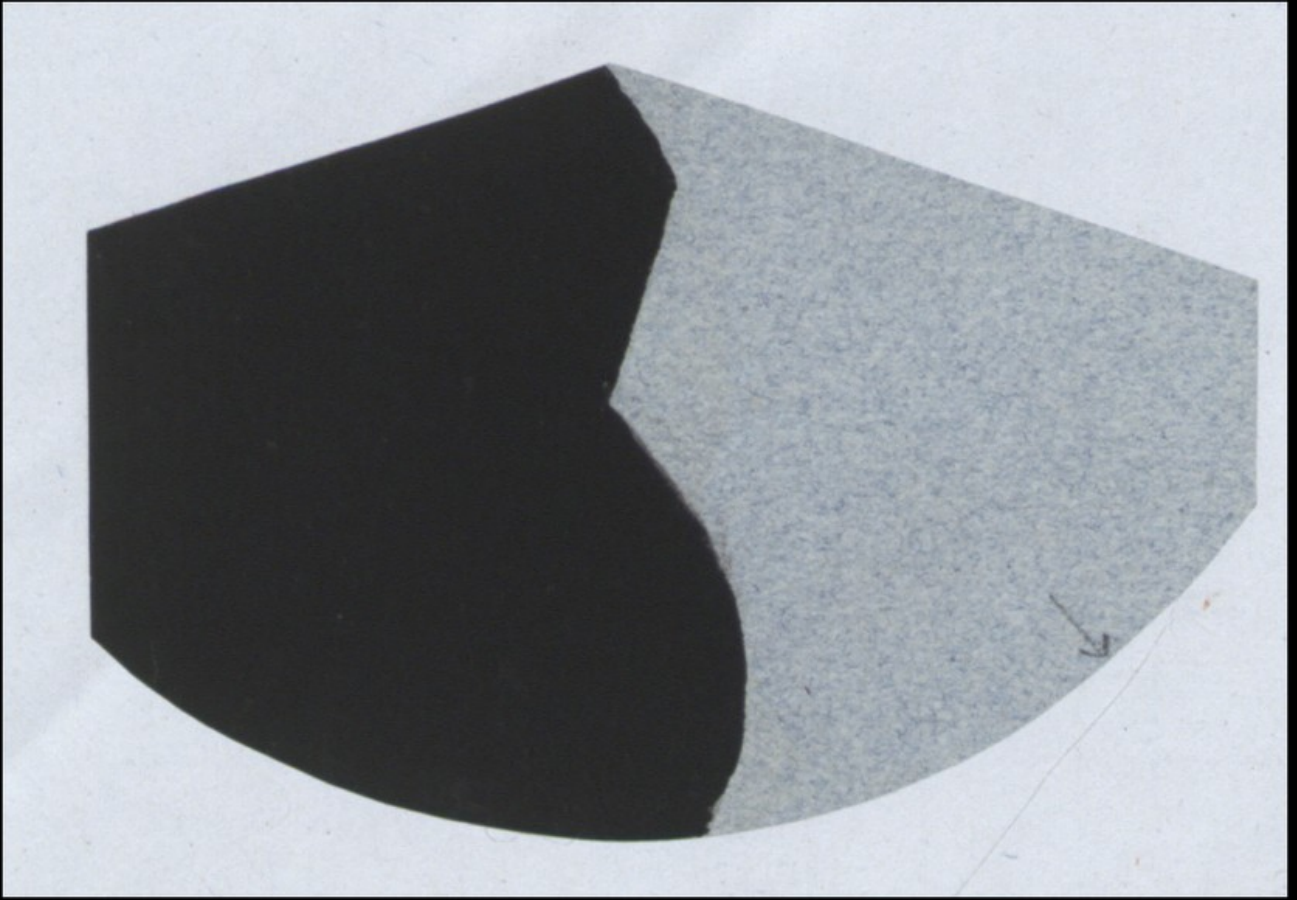


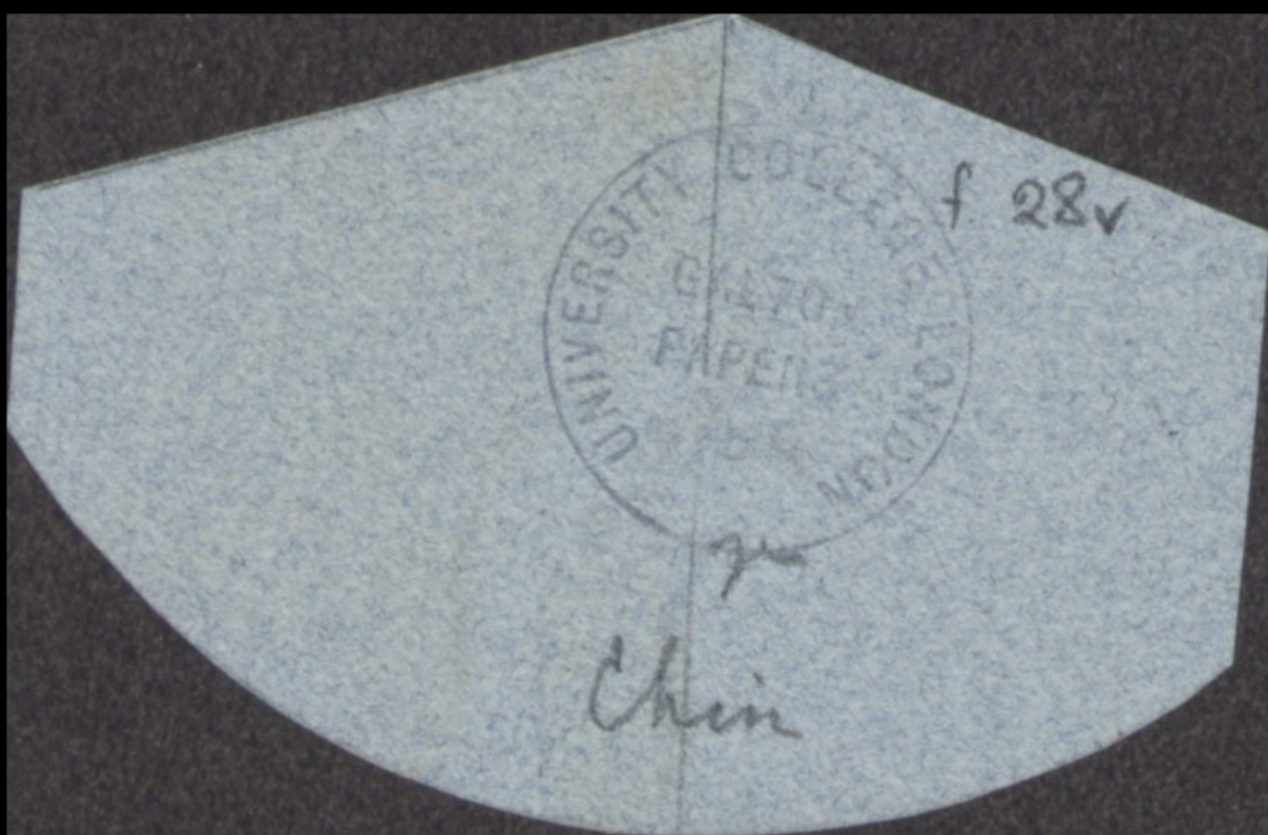
UNIVERSITY COLLEGE LONDON  
GALTON PAPERS  
NOON

f. 27v

*[Handwritten signature/initials]*

Chun

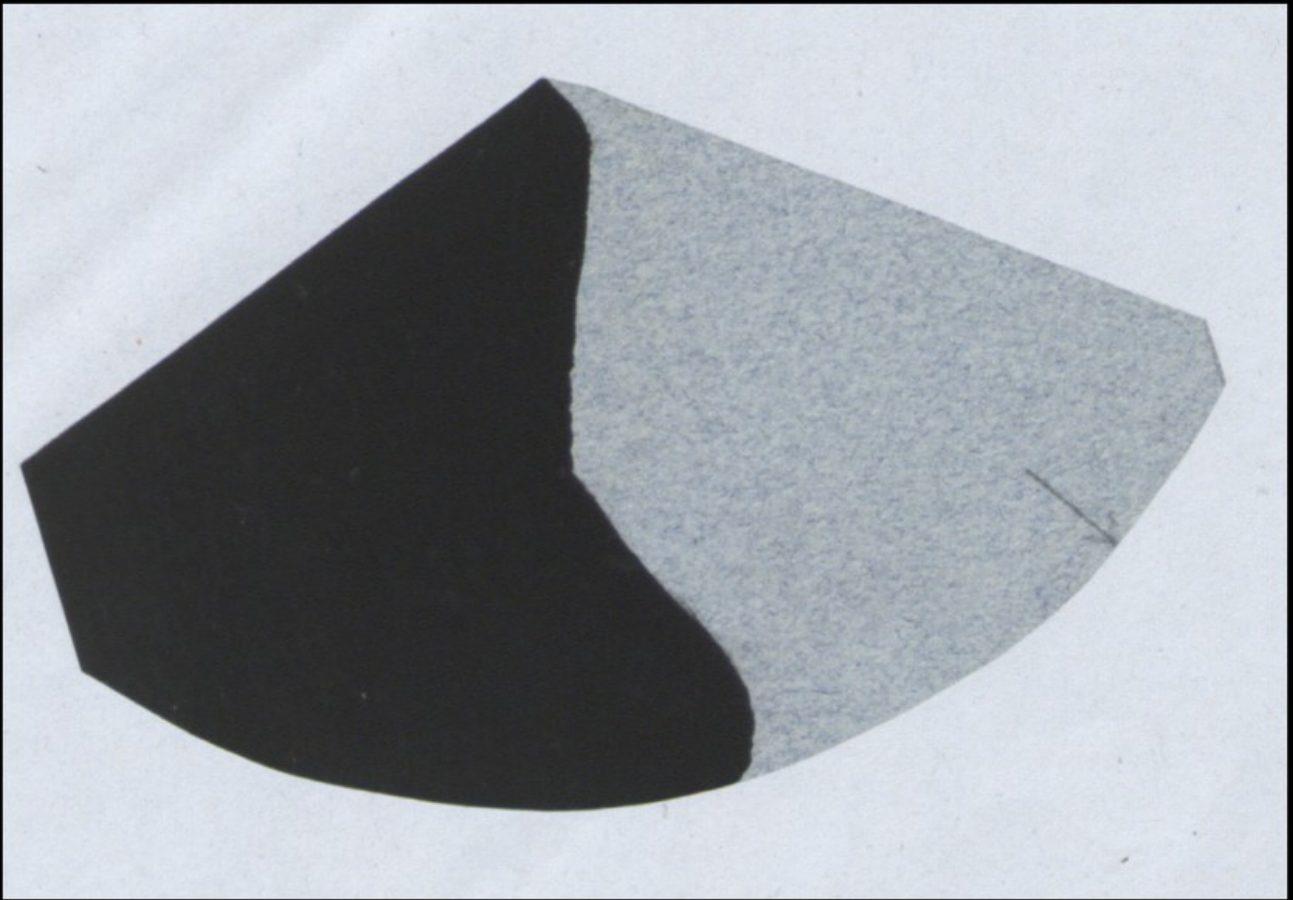




UNIVERSITY COLLEGE LONDON  
GALTON PAPERS  
1870

f 28v

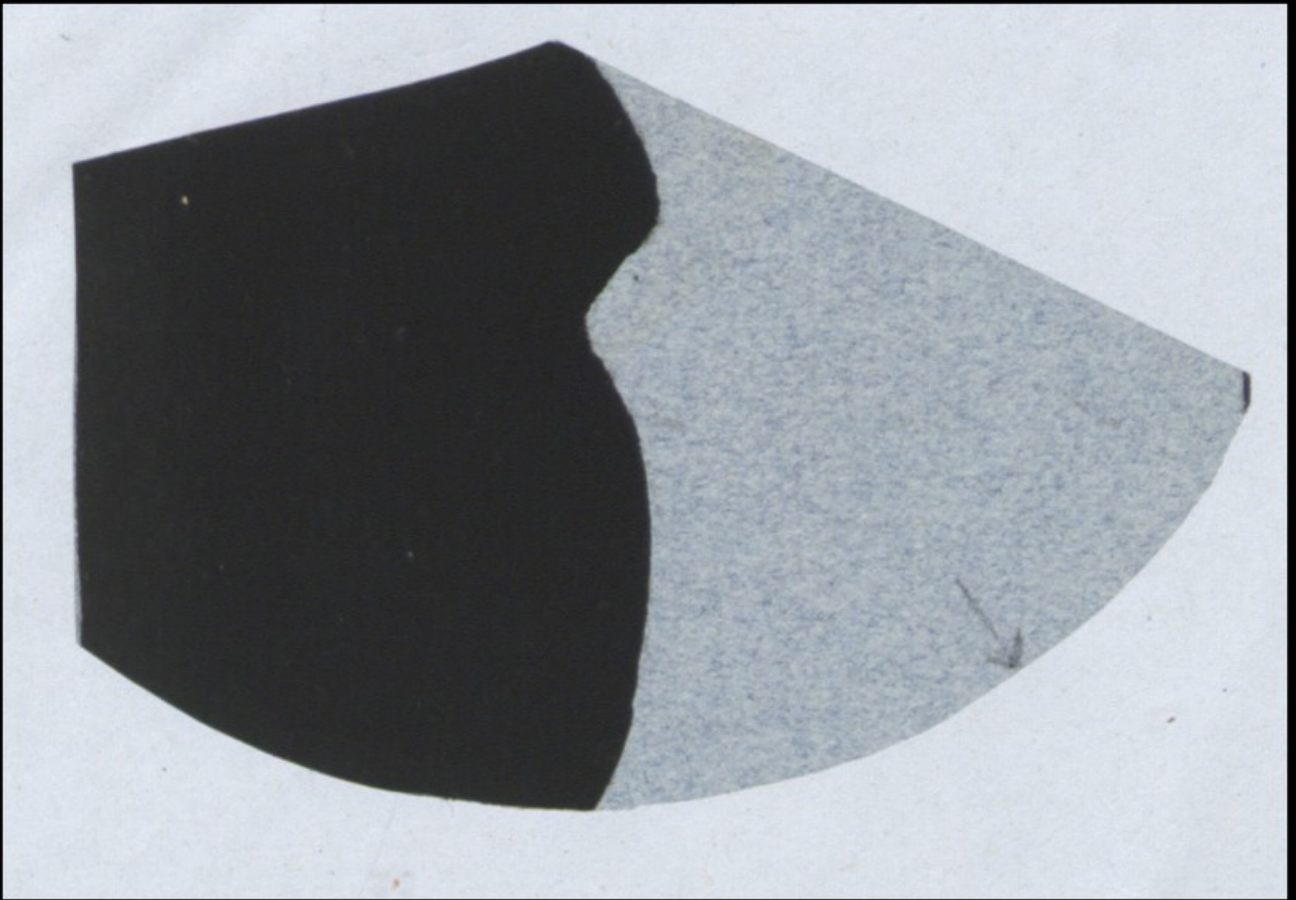
Chin



f. 29v

Chin



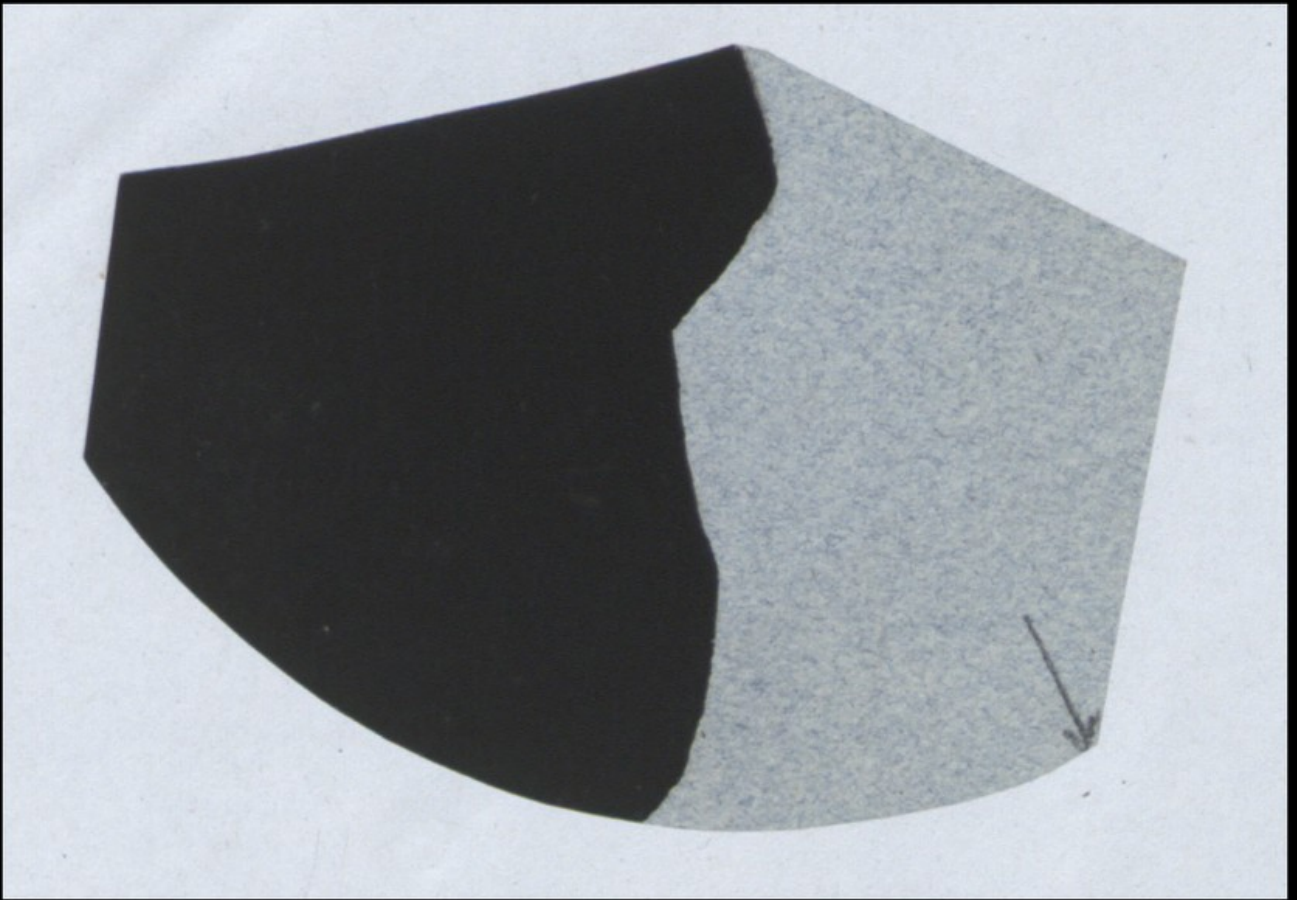


UNIVERSITY COLLEGE LONDON  
GALTON  
PAPERS

F. 30v

U

Chin



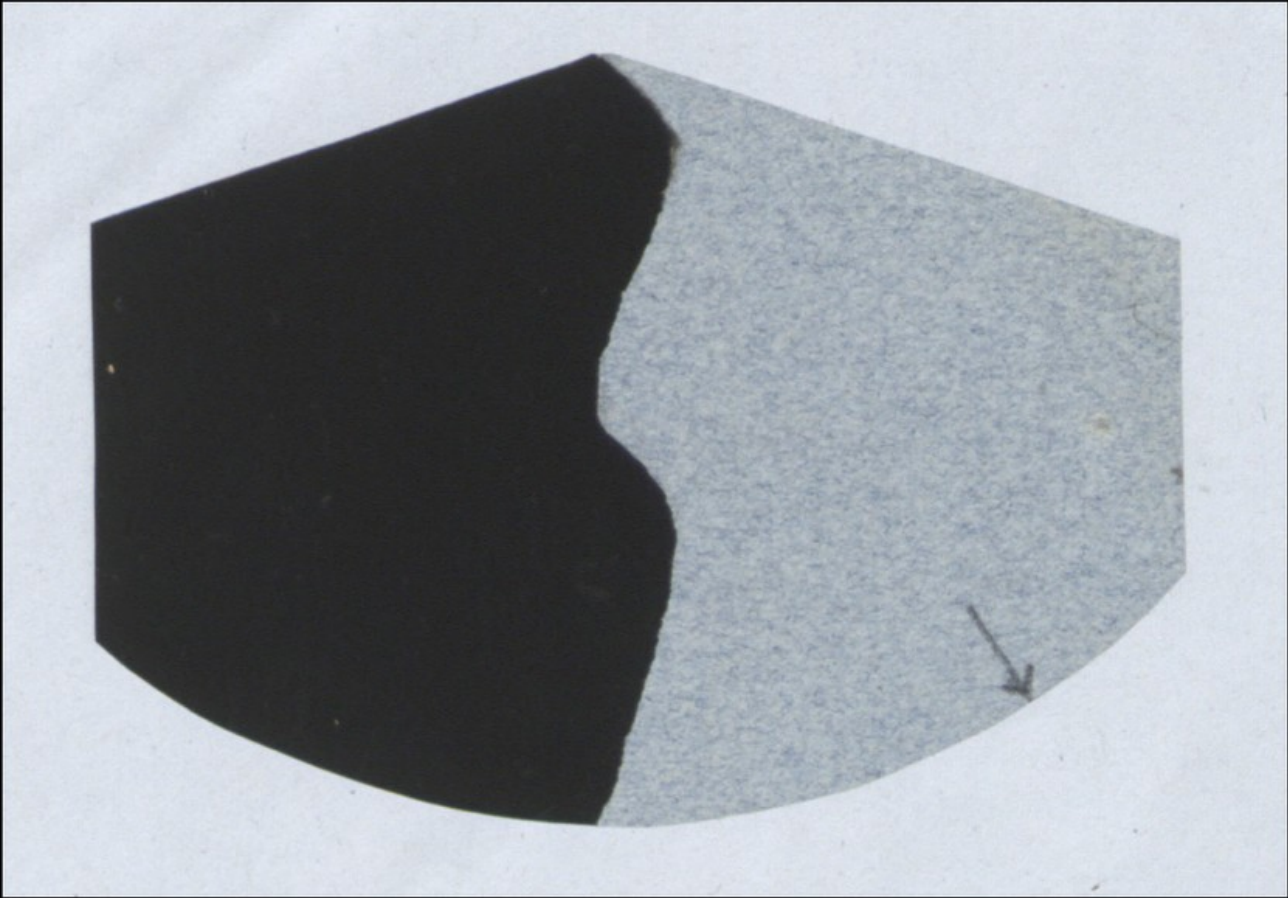




UNIVERSITY COLLEGE  
GALTON  
PAPERS  
MUSEUM

P. 31v

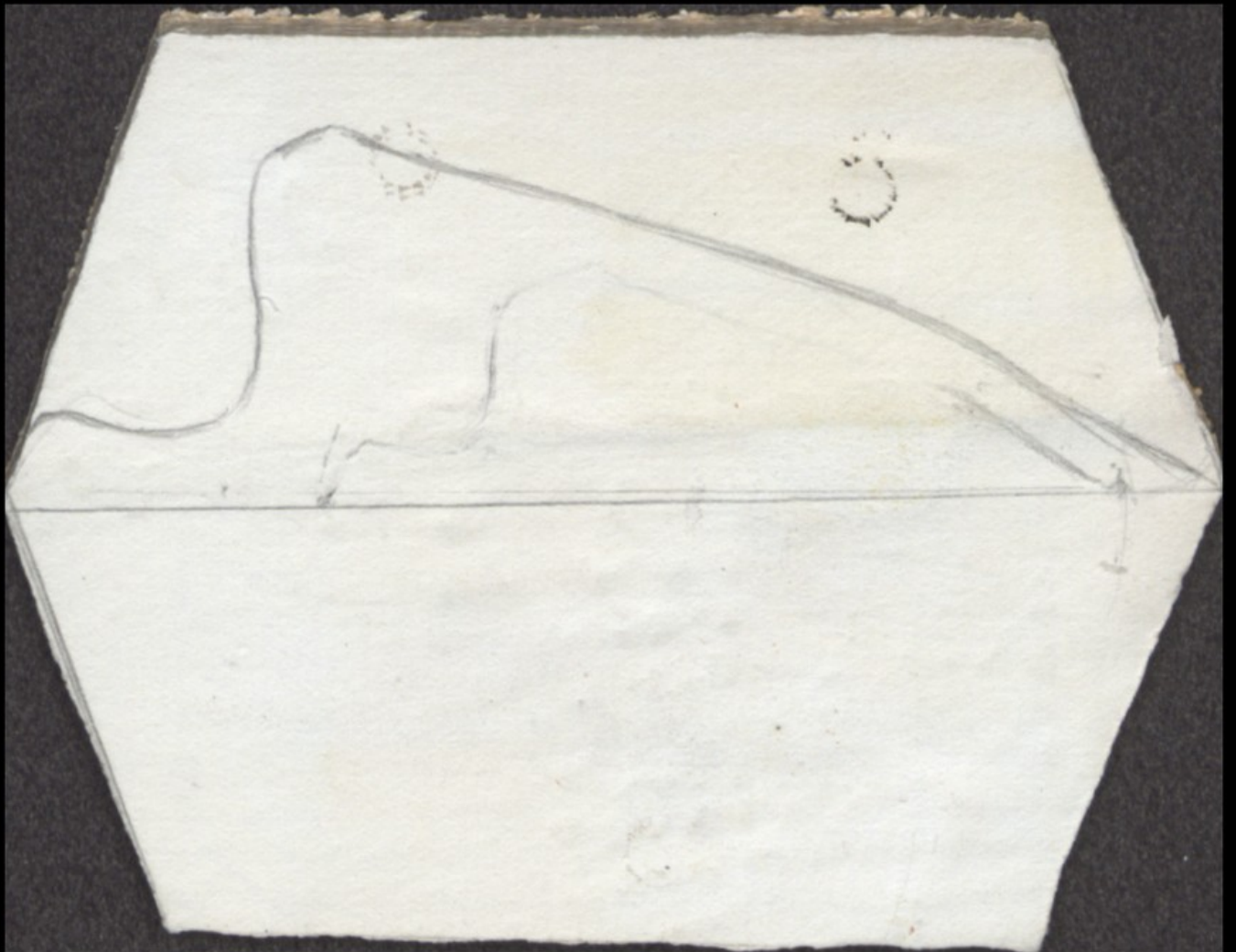
Chin



f. 32v

JUN  
UNIVERSITY COLLEGE  
GALTON  
PAPER  
MUSEUM

2  
Chin



f. 33v

*[Faint, illegible handwritten text]*

UNIVERSITY COLLEGE  
GALTON  
PAPERS  
NOV 1901