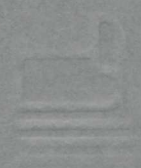


1977 - Drawings

1977

FK 188.1 - 188.3



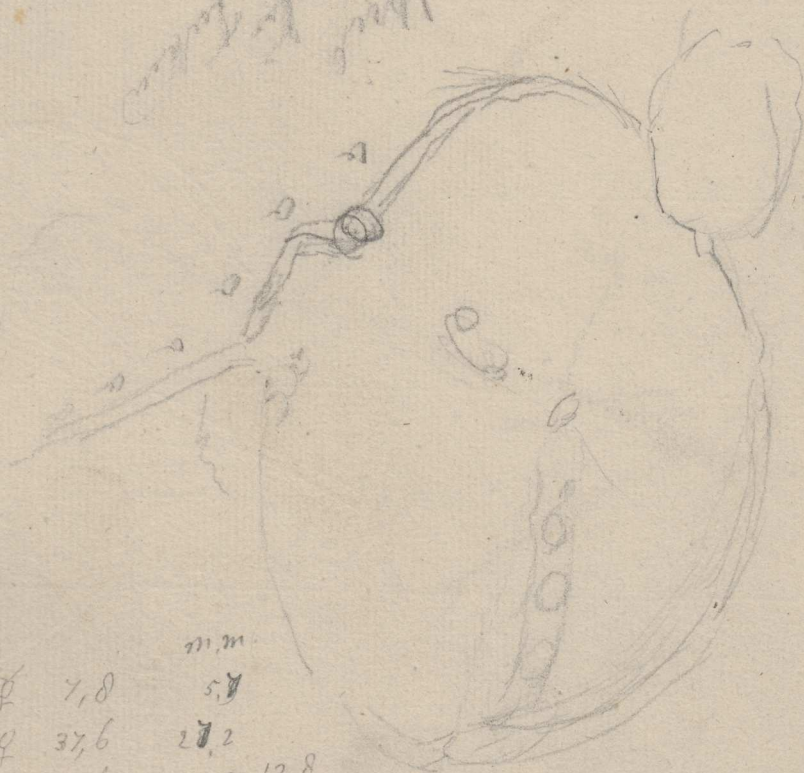
Leinat swpa

FK 188.1

Teekeningen van de manuscripten Gassendi.

Gaspard

2. *Handwritten notes, possibly describing measurements or specimen details.*



11.6

75.2

21.2

79.1

37.0

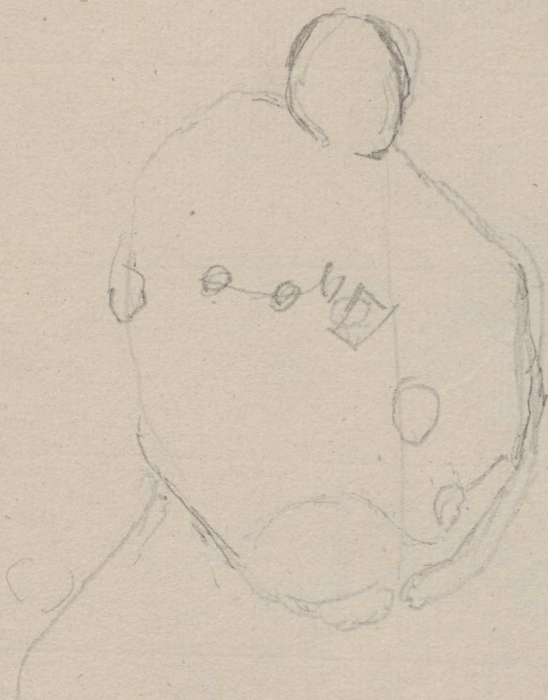
		mm
♀	7.8	5.7
♀	37.6	27.2
♂	15.6	11.2 12.8
♀	39.5	28.6 18.8
♂	28.5	13.4

10.6

$\frac{11.6}{16} = 12.2$
 $\frac{11.6}{16} = 12.2$
 168

$\frac{11.6}{16} = 12.2$
 $\frac{11.6}{16} = 12.2$
 $\frac{11.6}{16} = 12.2$

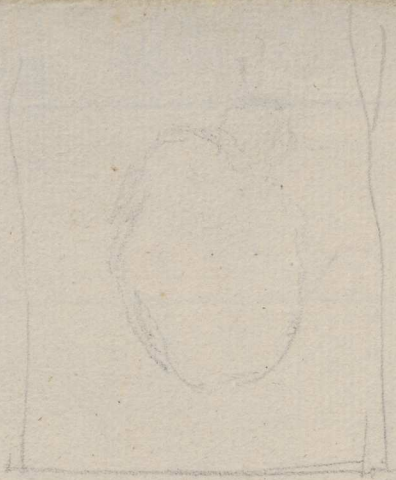
126. Crow. 940
400000



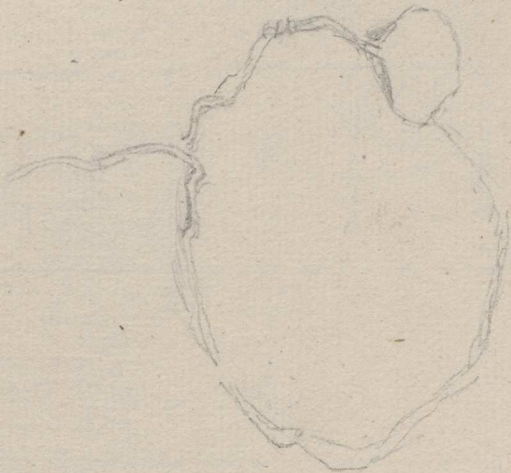


⊙

⊙



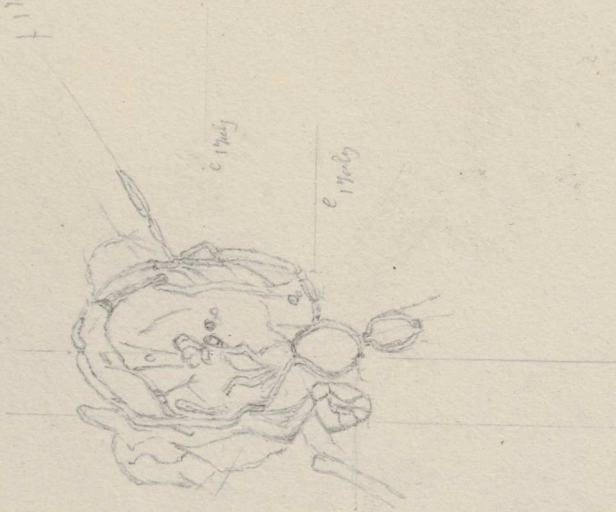
Apr. 1864



part

e 1/2

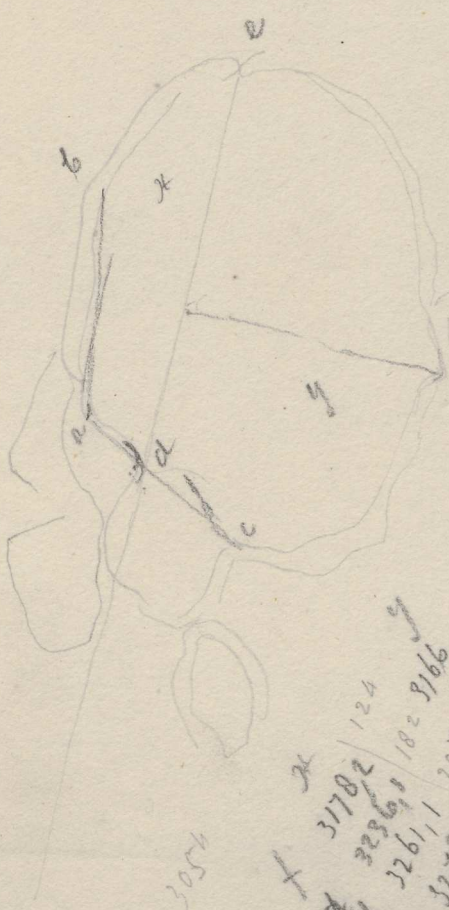
e 1/2



ab 178°
 ac 61°
 + calc = 118°

$\frac{178}{60} = 2.96$

118°



multipoint 3053.8

24 Sept 15.29 = 929'

$\frac{150}{110} = 1.36$

3054

31702 / 124
 22360 / 182 3166
 22611 / 207
 32182 / 22424 Sept

12 / 200
 20980 / 30
 220 / 28
 228.5

3056

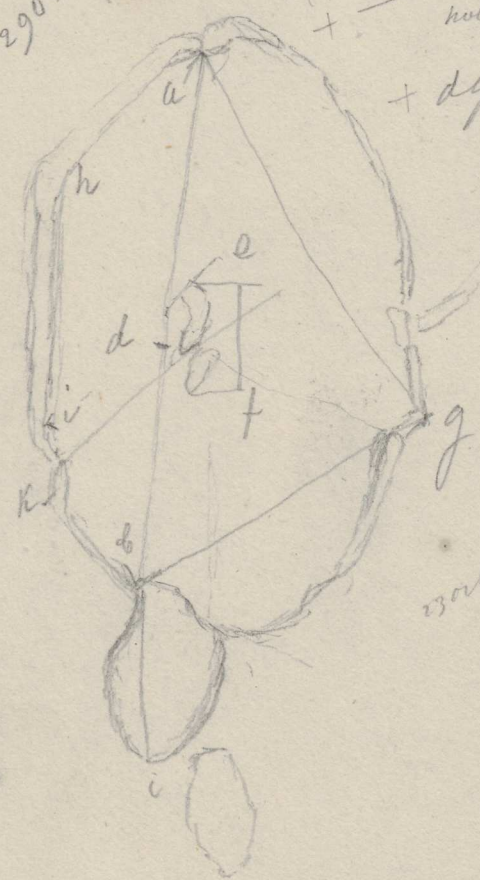
2857

$\begin{array}{r}
+ 126 \\
+ 66 \\
+ ad \\
+ ef \\
+ bg \\
+ day
\end{array}$

$\begin{array}{r}
+ Kb3011 \\
+ Kh2949
\end{array}$

nulpunt
 3006
 3054

loodlyn nis g op hi
 loept over d
 + loodlyn nis g op hi
 - d-hi
 nulpunt
 + dz = 2961/95



23 Oct 1846

hi loopt ongeveer parallel aan ab

23 Oct. 15' 10"
 $\frac{6}{900}$
 910



$\frac{215}{26}$
 $\frac{150}{20}$
 $\frac{267}{26}$
 $\frac{65}{65}$

52

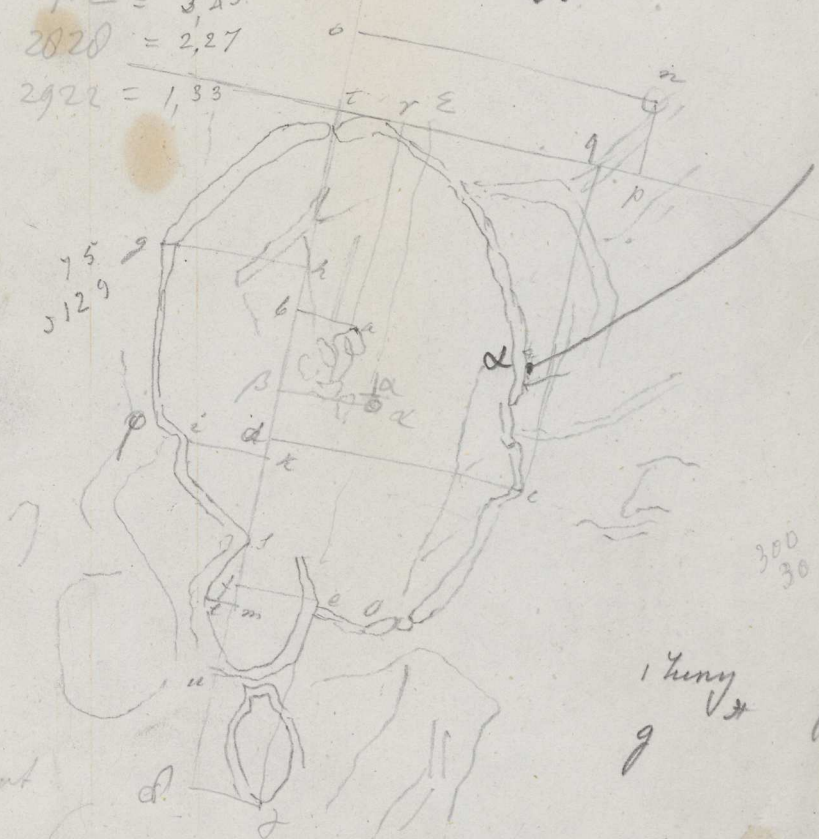
3055

30 x y
α 3170,4 3151,6

3

ab = 3075	0,20	αβ = 3101	0,46
cd = 3177	1,22	γδ = 3103	0,48
ef = 3096	0,41		
gh = 2979	0,76	Σε = 2912	= 3,43
ik = 3008	0,47	εε = 2820	= 2,27
lm = 3040	0,15	αε = 2922	= 1,53
no = 3100	1,25		
np = 3070	0,19		
qg = 2899	1,56		
nr = 2952	1,03		
st = 2850	2,05		
ut = 2780	2,75		
th = 2998	0,57		
tk = 2907	1,48		

← x
↓ y

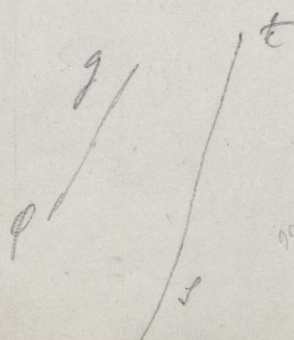


3057	3057
3052	3052
3056	3055

3054,5 midpoint

g 3099

φ



1/2 diam. 16'38"

960

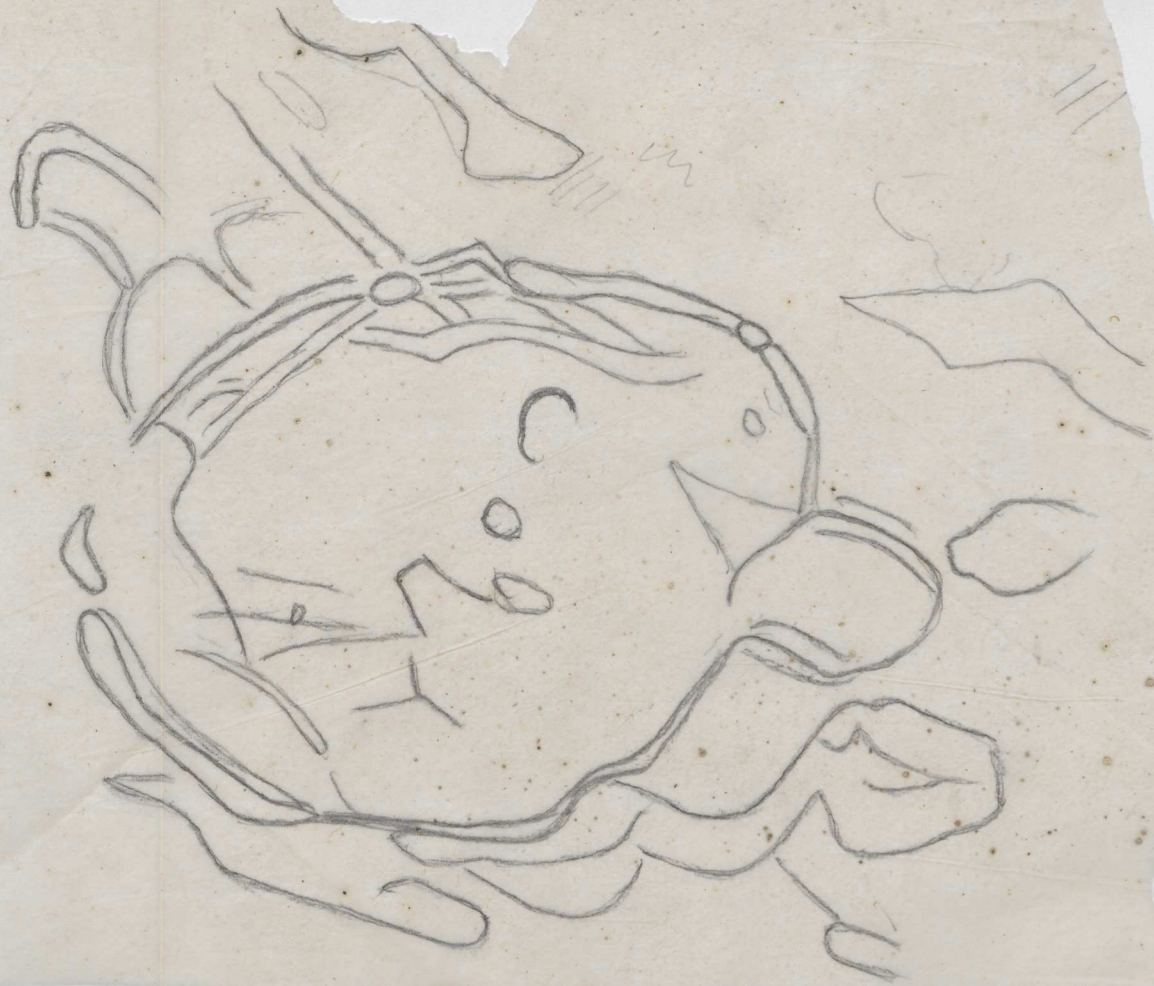
998

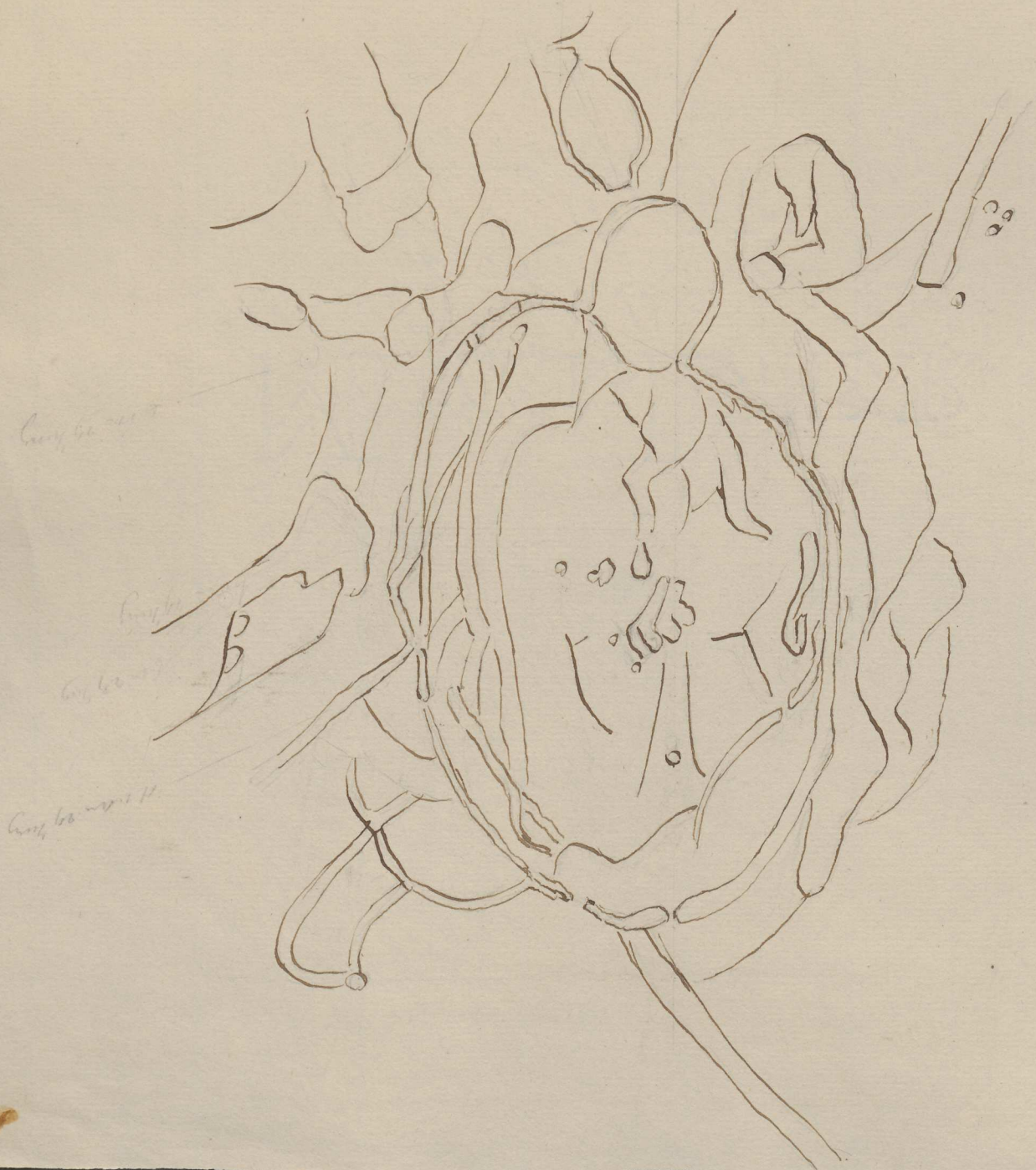
300
30

1/2 diam. 16'38"

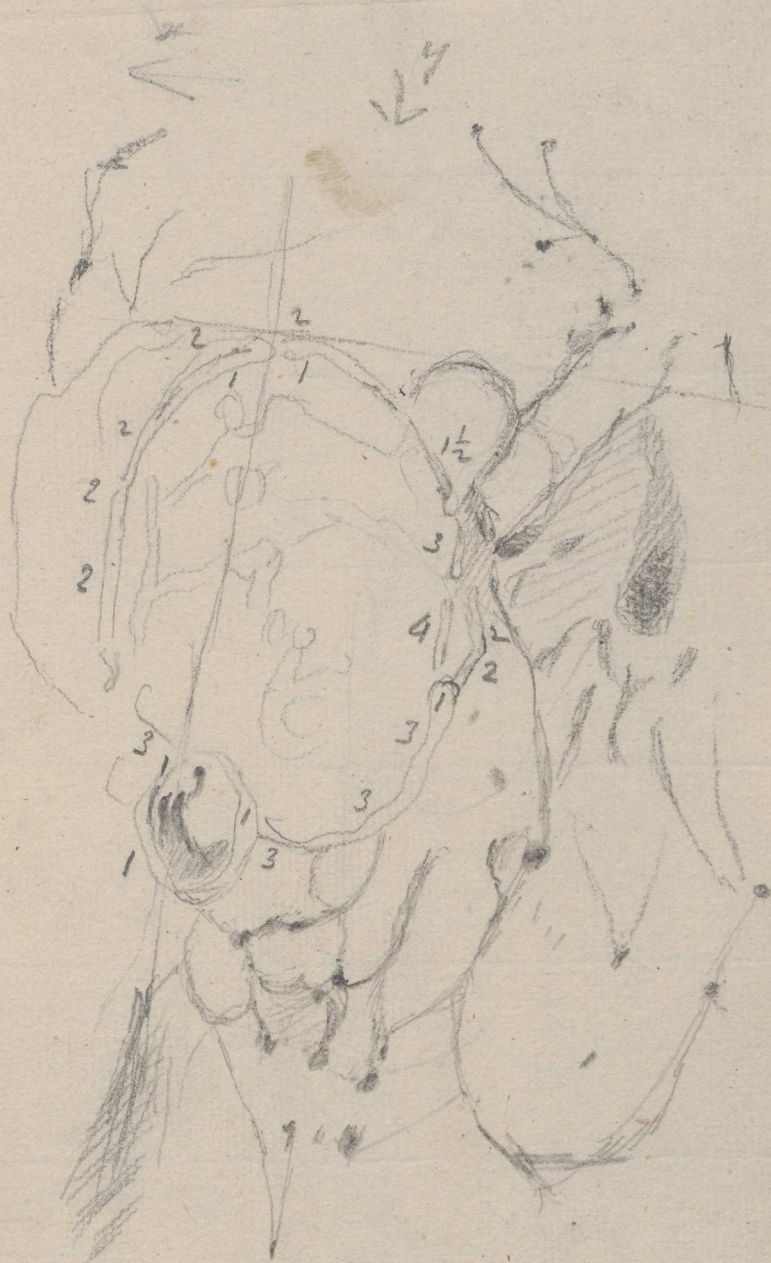
1
1
1
myn Schoolm





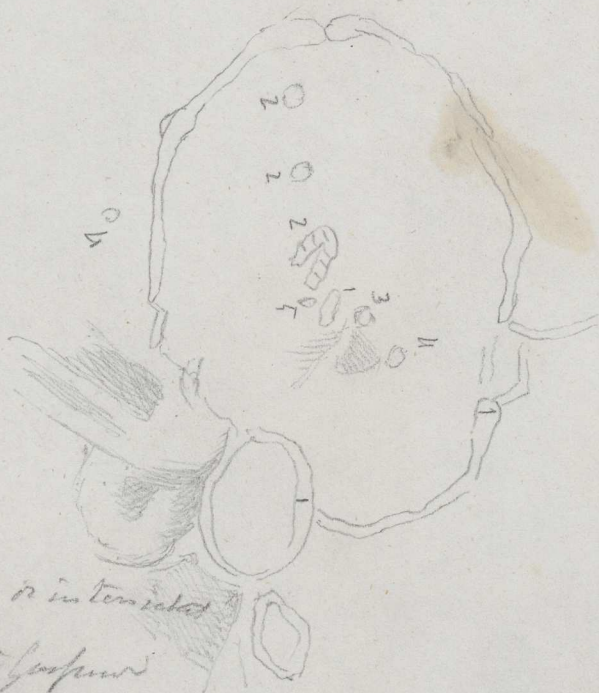


1 July 44 Depart wit



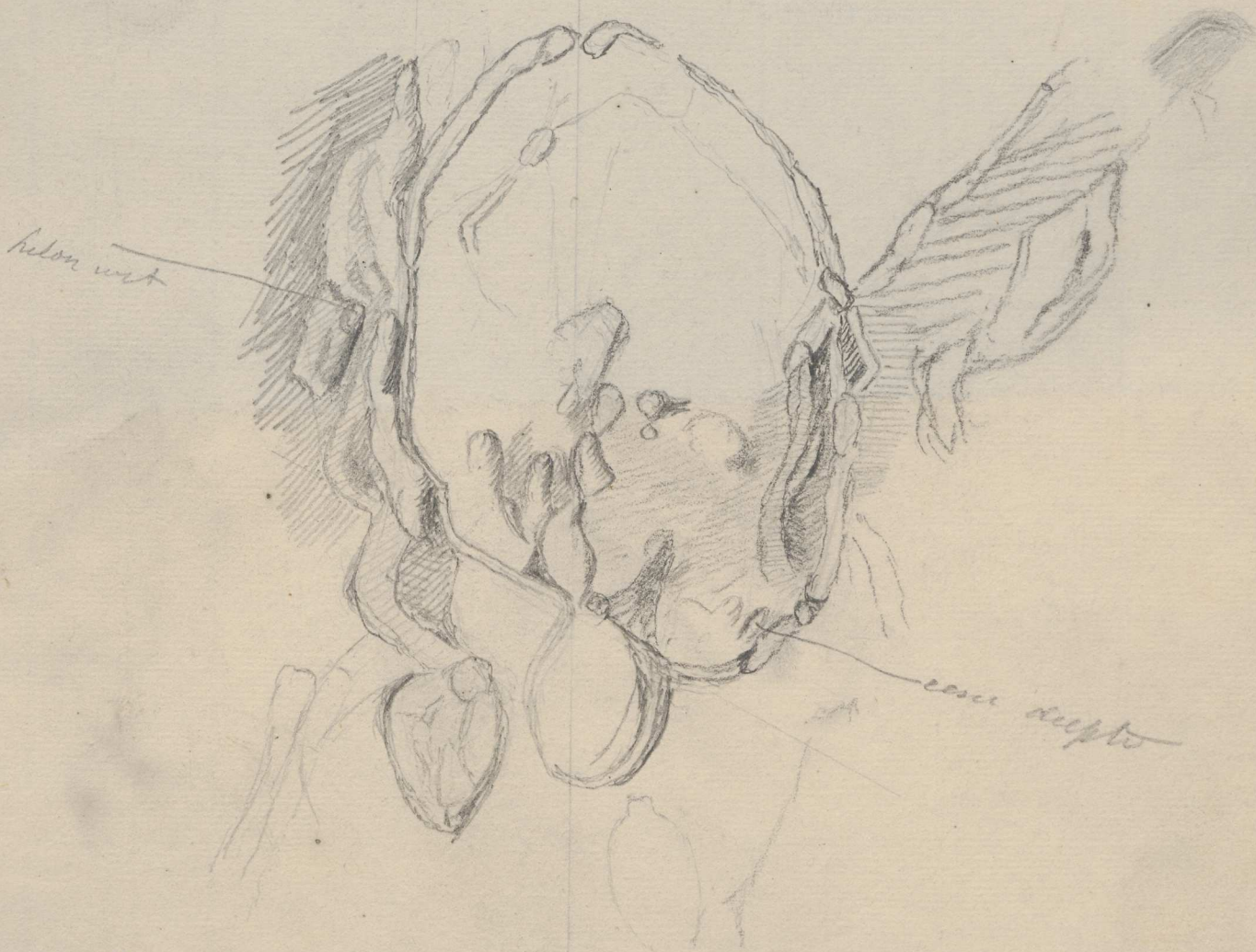
Intervall
des zonen

1 hat halbes
4 hat zweiseitig



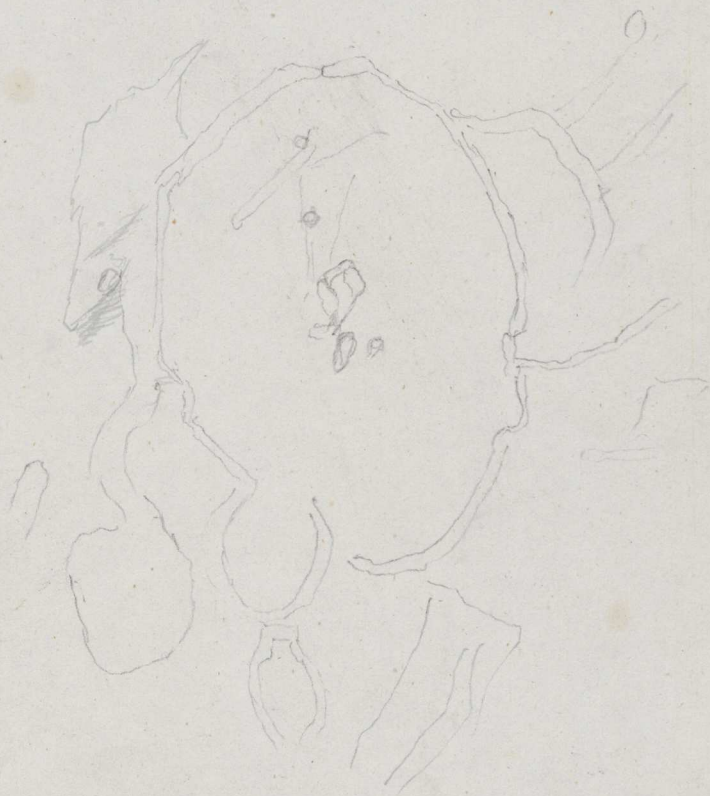
30 April 1900 in intercalated
 or leafy part of leaf
 1 leaf leaf
 1 leaf leaf

19 Jan 1845



8-9-1885
Guspeni





Kuropy de central borzen geschilderd 29 April.

Keijf de grooten zellen - Gedeelten waren niet af naaem
lyst t. ion

great inlay



cat long

28 32
17 24

11 10

17 5
11 10

28 15

3 22
28 22

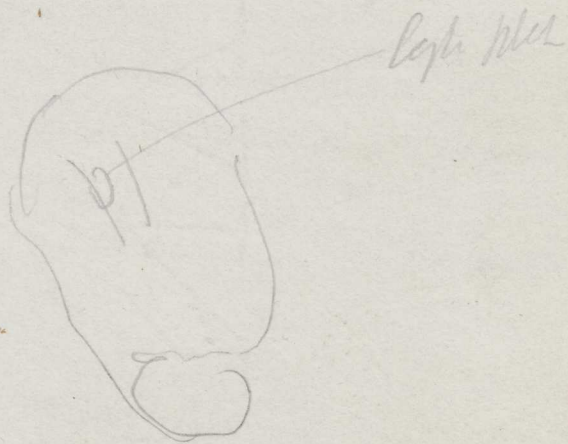
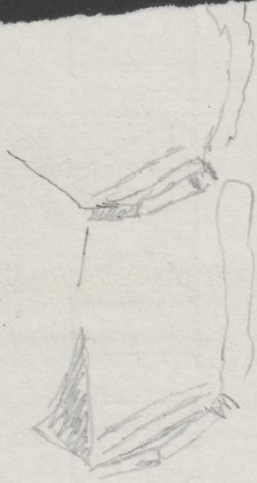
17 5



29 Feb 44
29 Feb 44

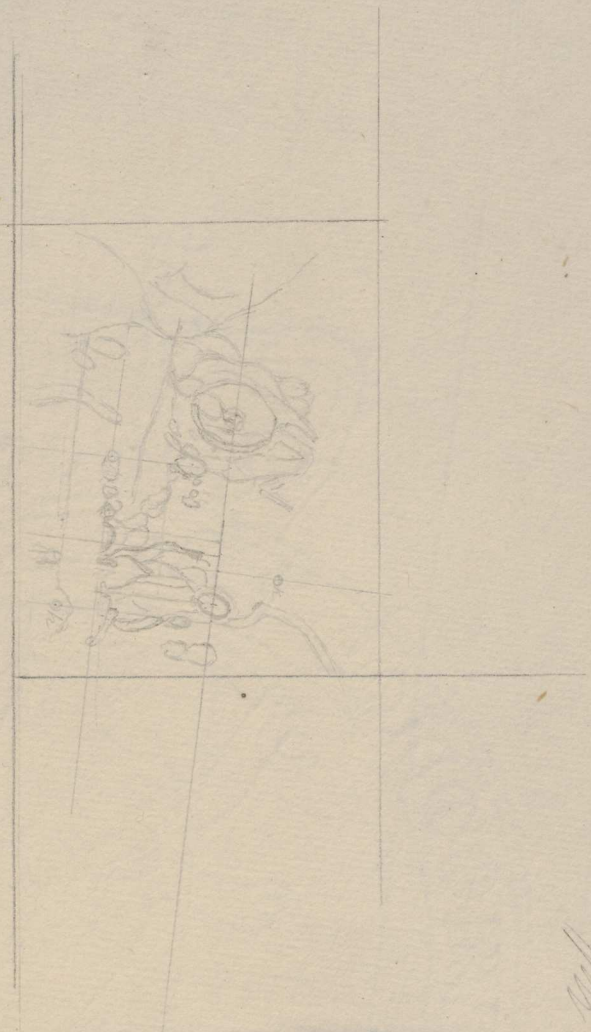
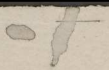
19 March 45





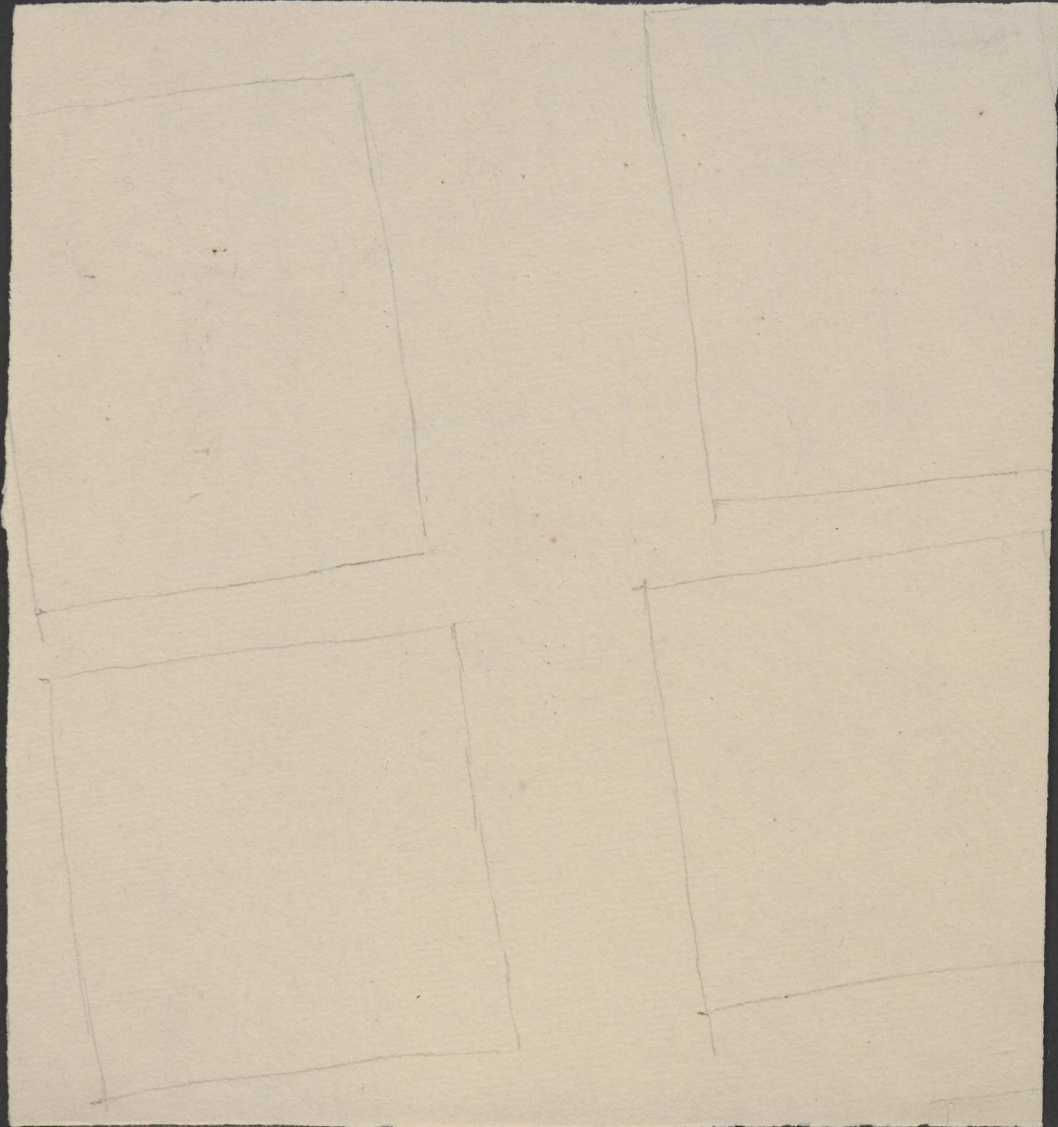
Left side

Sketsen van de manuskript *Plinius*



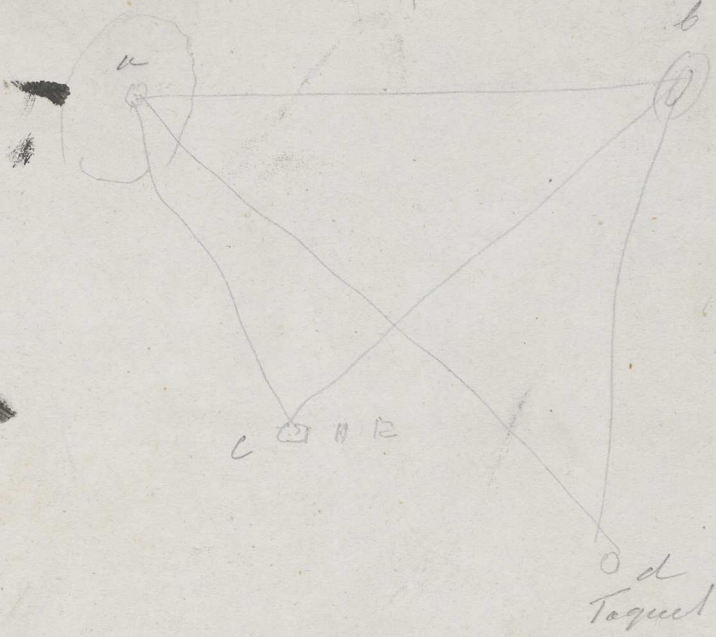
[Handwritten scribbles]

11



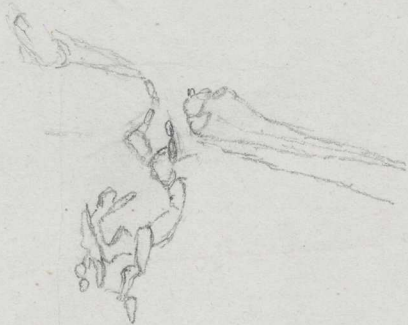
Plinius 1 Mi

3054



ab	3253	2,00
ac	3198	1,44
bc	3121	0,67
ad	3336	2,82

o d
Toquet



Wahl 1 - 2 Aug 1869

2^u

Dr. Johnson
says (and all
know) that my

400 4 16





de veder van den
vanden 5 a see plannen
vanden 10 a see plannen
van 10 a see

Pieris Albi
1 Mei 1846

Alles rondom Pieris see plannen

my sword on which
perched
perched

was placed



1845 14th Nov 8~

de markt
kade
tried

in



de markt



30 April - Stelt over
plinius om het roepen
te oeffenen

Linus



Used method on a copy of the
of a man to suit in March Schiography
is the best

31 Oct

at the end of the night

as to use
being used

X is eerder dan restap

De leer heeft veel van Plinius
veel minder met dan de andere

Mij wat bezetend 14 maart 1865

De zonden
in omgiving
leukt in rust

Op den 23 Mei nog een
stet de maan verheldert en veel
verbeterd

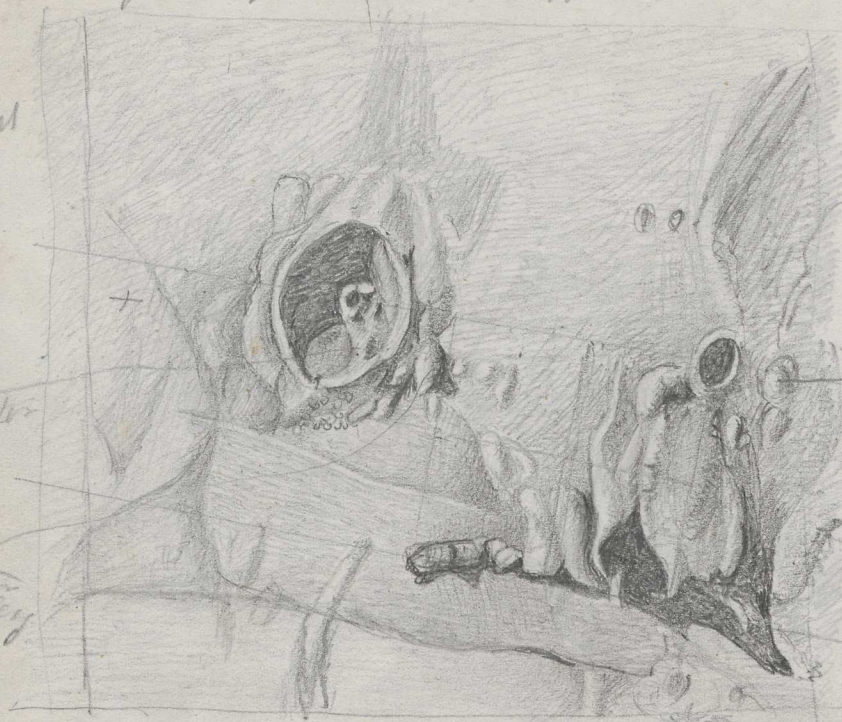
Plinius
Taguet

10^{de} 23 April

et Montis Haemi pars

iets verder
van den krater

u m

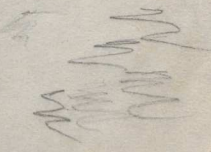


mitter

iets groter
in zinnelike ligg

Plinius laatste afkeer	2965	0,90
mede Plin. med Mt. Krater	2862	1,93
in eerste tijd		
melkpinf	3055	

1, Taguet $\frac{1}{3}$ gr.
1, Kl. = $\frac{1}{3}$ Taguet



3053,7

- + ab = 3017,3 = 36,4
- + am = 3000,5 = 53,2
- ca = 2962,0 = 111,7
- nae = 2999,0 = 54,7
- + ef = 3039,5 = 14,2
- + nae = 2922,4 = 131,3



3053.7

- + kl = 2991,1 = 62,6
- + ml = 2899,0 = 154,7

Breite Meeres

2985,4 = 68,3
3

Coincidente

3053,7

h Taguel

- gh = 2901,9 = 151,8
- mg = 2854,0 = 199,7
- ml = 2868,2 = 185,5

Metingen op den 23 Mei 1844 's avonds ten 10 ure.
 De waakworen waren veel korter dan am 23 April.
 De Meting in Taguel konst niet de vroegere van 1 Mei niet overseen.

Letters in mintage 29 Oct. 1864. Hoang
3654 - mintage goed a

+ab 3237 183
+bc 3200 146
+ac 3305 251
+ad 3177 123
+bd 3224 170

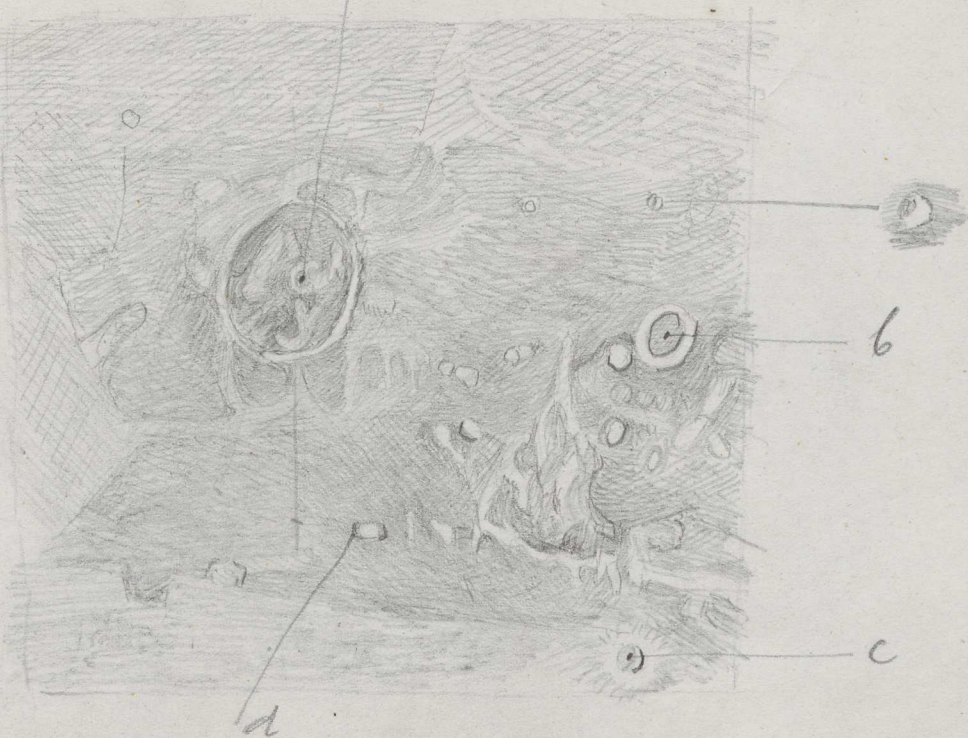
Langst. Plm.
nummer juist
om volken

3141

+ 87

261

174



Plinius 26 bijl. overtoord
27 — overtoord n. n. overtoord

$$\frac{r^2 - r^{1/2}}{1}$$

r

$$r = (a-b)^2 = a^2 - 3ab + 3ab^2 + b^3$$

Let $r=1$

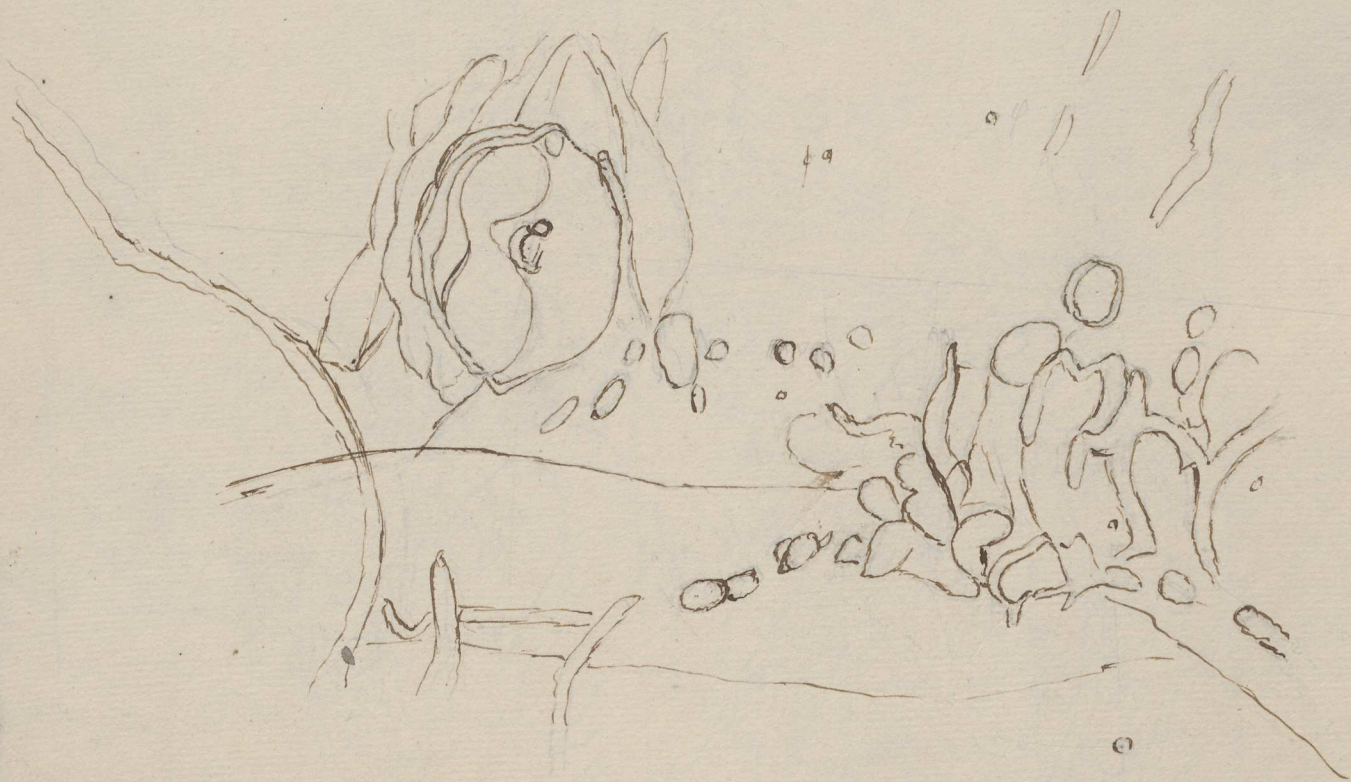
$$\frac{r^2 - r^{1/2}}{6}$$

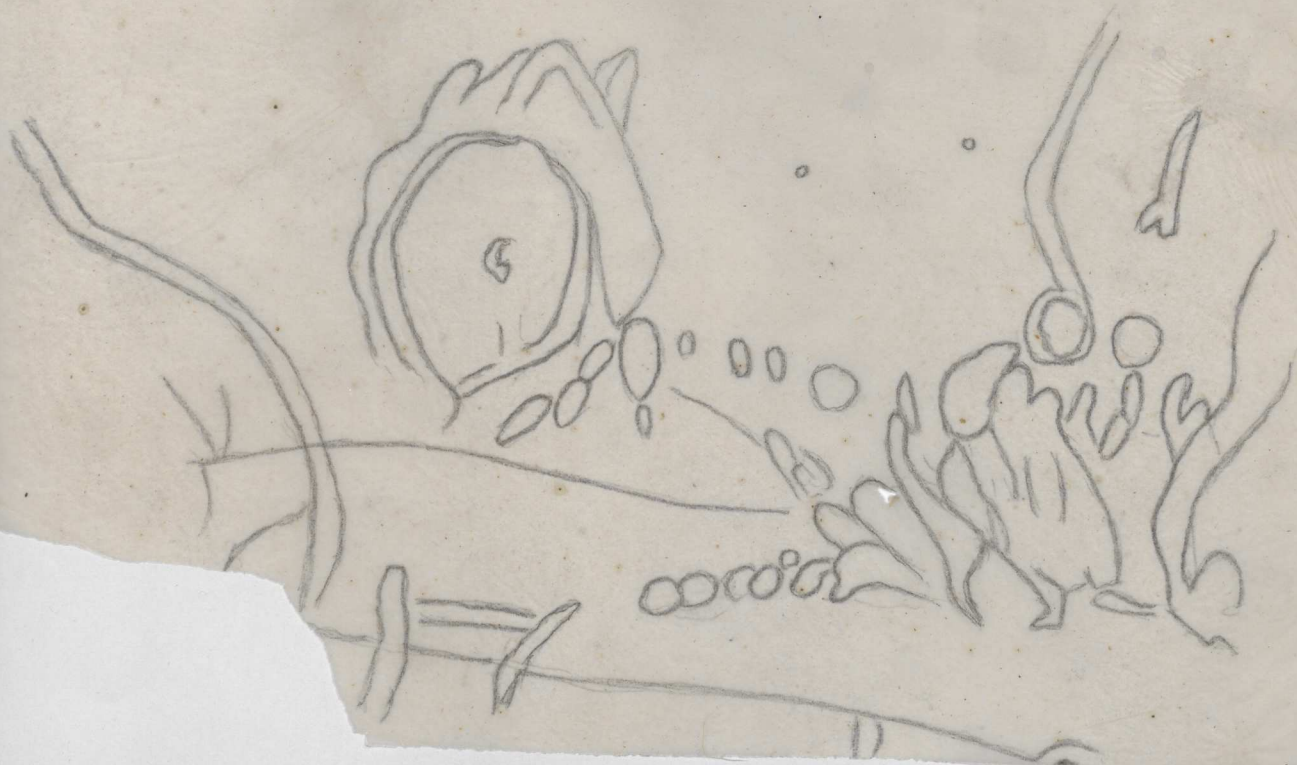
1) $r^2 - r^{1/2} = \frac{r^2 - r^{1/2}}{6}$

2) $r^2 - r^{1/2} = \frac{r^2 - r^{1/2}}{6}$

Let r be a given number below:

91





3054 Plinius 30 Oct 1844

- loodty mit α op mp 3071 = 17

loodty der stads 3070 24

- $\alpha m = 3105 = 51$

$\varphi p = 2988 = 66$

$\varphi m = 2899 = 155$

$\mu m = 3142 = 88$

$\eta m = 3214 = 160$

$\eta r = 3110 = 56$

loodty mit γ op $\mu\eta = 3066 = 12$

$\eta 2 = 2994 = 60$

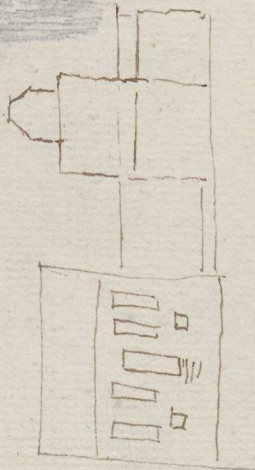
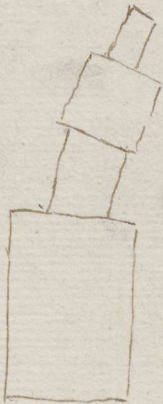
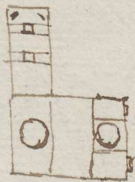
$\mu 92$ in een recht hoekigen driehoek

$\eta m = 2808 = 246$

$\varepsilon \eta = 2999 = 55$

$\delta \varepsilon = 2950 = 104$

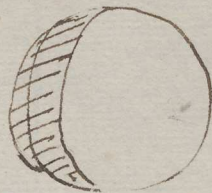
δt	$113^{\circ} 0'$	} 120			
$\mu 9$	$31^{\circ} 1'$		} 82	8	9852
mp	$143^{\circ} 9'$				



Teekeningen van verschillende maanvlakken

N.M. Ferry 15 13^u

Plinius	6 d 4 ^u	July 21	17 ^u
Alpen. G. Loepi	8 d 4 ^u	— 23	17
Berg von Plato	9 4	— 24	17
Gaspardi	11 4	— 26	17
Belle G. Jord.	12 5	— 27	18



$\frac{38}{11}$
 $\frac{19}{7}$

N.M. 29 July 3^u

³⁴
27 Aug 13^u
5 " "

32^u

N.M. 29 Aug 19^u
7 " "

N.M. 13 A 15^u
11 " "

$\frac{40}{20}$
35

2 d. unisulation of houses

Plinius 2 d. unis.	4 July 23 ^u	1 July 10 10
repen G. Loepi	6 — 23 ^u	6 — 10 46
Berg von Plato	7 — 23 ^u	7 — 11 6
Gaspardi	9 7 — 23	9 — 11 54
Belle G. Jord.	10 11 — 24	11 — 12 26

N.M. 25 Oct 18^u

$\frac{36}{31}$
 $\frac{22}{5}$

3 Aug 7 ^u	1 Sept 17 ^u	8 ^u 0'
7 — 7 ^u	3 — 17	9 1
6 — 7 ^u	4 — 17	9 44
8 — 7 ^u	6 — 17	11 27
9 — 7 ^u	7 — 17	12 31

N.M. Nov 24 12^u

$\frac{11}{35}$
16 Dec

$\frac{27}{6}$
 $\frac{13}{33}$
 $\frac{4}{17}$
 $\frac{31}{22}$
17^u

2 Sept 17^u

12 3
6 17
5 9

4 Nov 22^u

$\frac{17}{12}$ 303
 $\frac{12}{53}$ 316

Dec. 4 16 d. Gaspardi

Gaspardi 24 Aug 19^u

N.M. Sept 12 2^u

$\frac{26}{11}$
 $\frac{5}{4}$
 $\frac{37}{7}$

1845
7.M. 19^u
 $\frac{6}{13}$ M 23
13. Mart
14. Mart

Gaspardi 6 Oct. 12^u 32'

4 Nov 22^u

Plinius
Gaspardi 23 Sept 6^u

7^u 20

N.M. Nov. 9 22^u 30'
6 " "

Nov. 16 2 30

7 Jan 20^u 1845
6 " "

Febr 6 7^u

13 Jan. 24

6 4

Febr 12 11^u

Groote Tekening 12000
 = 165 m.m.

12000 = 41,25 m.m.

Kleine Tekening 12000 = 13,74 m.m.

12000 = 26,2

ruysr. 210 malen.

26,2 : 13,74 = 600 x

1,77815
 1,13799

2,91614
 1,41830

1,49784 31,47

1' = 31,47 m.m. Kl. Tek.

210 / 31,47 / 0,15 1'

1047

1' = 6,46273

9,17609

271236

515 m.m. aft.

Geschiedening 60" = 1'54"

and 50" = 1'44"

607780 55 74076
 49784 49784
 28071 24252

1,90 1,74
 1'54" 1'44"

210
 270
 2100
 420
 44,000

Aantal van de groote Tekeningen van Manselacken

Geschieding ma 1/2 □
 42
 42
 18
 2
 200 graden = 2063
 op punt. Mann.

28 April 960" 29 July = 982"

1 Aug 998 24 Sept 929 23 Oct 910

Yusufendi.

1 Aug 1790 at $\frac{1}{26}$ 29 Aug at $\frac{1}{46}$ 24 Sept by $\frac{1}{30}$ 23 Oct by $\frac{1}{18}$

Produced of 28 April 1844

1 Aug 29 Aug 24 Sept 23 Oct

ab = 0.19

cd = 1.14

ef = 0.39

gh = 0.73

ik = 0.40

lm = 0.14

no = 1.20

rp = 0.10

sq = 1.50

tr = 0.99

st = 1.22

ul = 2.65

th = 0.55

tk = 1.42

vs = 0.44

z8 = 0.46

zE = 3.30

oE = 2.10

xE = 1.28

mutual fund

good

mutual

mutual

mutual

mutual

mutual

mutual

mutual

mutual

mutual

mutual

x

y

z

u

v

w

x

y

z

u

v

w

x

y

z

u

v

w

x

y

z

u

v

w

x

y

z

u

v

w

x

y

z

u

v

mutual

good

mutual

mutual

mutual

mutual

mutual

mutual

mutual

mutual

xub = 2.10

xbc = 0.61

xall = 1.29

xlf = 0.46

xby = 1.41

xly = 1.59

xkb = 0.47

xkh = 1.14

twoy out of eye hi = 1.69 x

d - hi = 0.63 x

dy = 1.01 x

Pronto

15 0
6
21 0

hoofte

7
Zonnedaag

- 1^o Nieuw Lappicee 29 Sept. 1826 A. N. Vol 5 p 320 N: 115
2^o — Pastoor 27 Sept — A. N. Vol 6 p 292 N: 133

Mommsius Schrieter

Vermis Schrot

Mors Beer - Madde. Pictingsz. Plaat IV N: 2 — Plaat V N: 20

Trupht 26 July - 20 Aug 1861 door de Koper te Liden

Satman 26 Aug 1861 door de Koper te Liden

Maan

1^o Aristocraten Schrieter talenop. fr. ga. Plaat XXVII f 1

2^o Mennige Letter. Art. W. d. N.

3^o Gaffner 29 Feb. 1866 door de Koper te Liden

Konink 1826 Art. Zeit. 1829

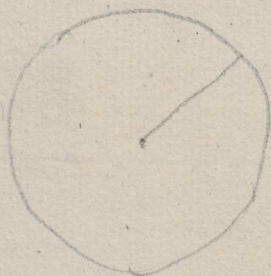
Neb. Orman's Herakel Mem. of the Nat. Soc. Vol II

Neb. Lagneu Koper te Liden

$$\begin{array}{r} 16 \ 35 \\ 15 \ 75 \\ \hline 80 \ 175 \\ 18 \ 55 \\ \hline 620 \\ 9 \ 45 \\ \hline 248 \ 45 \end{array}$$
 36 48

$$\begin{array}{r} 12 \ 28 \ 1/4 \ 4 \\ 15 \ 15 \\ \hline 60 \ 140 \\ 12 \ 28 \\ \hline 100 \ 420 \\ 4 \ 40 \\ \hline 187 \ 0 \end{array}$$
 15 12

$$\begin{array}{r} 11 \ 31 \\ 15 \ 15 \\ \hline 55 \ 180 \\ 11 \ 60 \ 31 \\ \hline 165 \ 465 \ 7 \\ 42 \\ \hline 172 \ 45 \end{array}$$
 16° 14'



Circle 360°

$\pi = 3,1416$

$$\begin{array}{r} 360 \ 2,50630 \\ 0,49710 \\ \hline 4,00340 \end{array}$$

4) 114,59 inches

$\frac{1}{2}r = 28,65$

$$\begin{array}{r} 360 \ 2,50630 \\ \frac{1}{2}r \ 1,45712 \\ \hline 4,01342 \end{array}$$

$$\begin{array}{r} 4,01342 \text{ of part for 1 inch} \\ 60206 \\ \hline 4,61548 \end{array}$$
 41255 sq ft
 actual of part

$$\begin{array}{r} 20 \ 41255 \ 2063 \\ 40 \\ \hline 125 \\ 120 \\ \hline 5 \end{array}$$

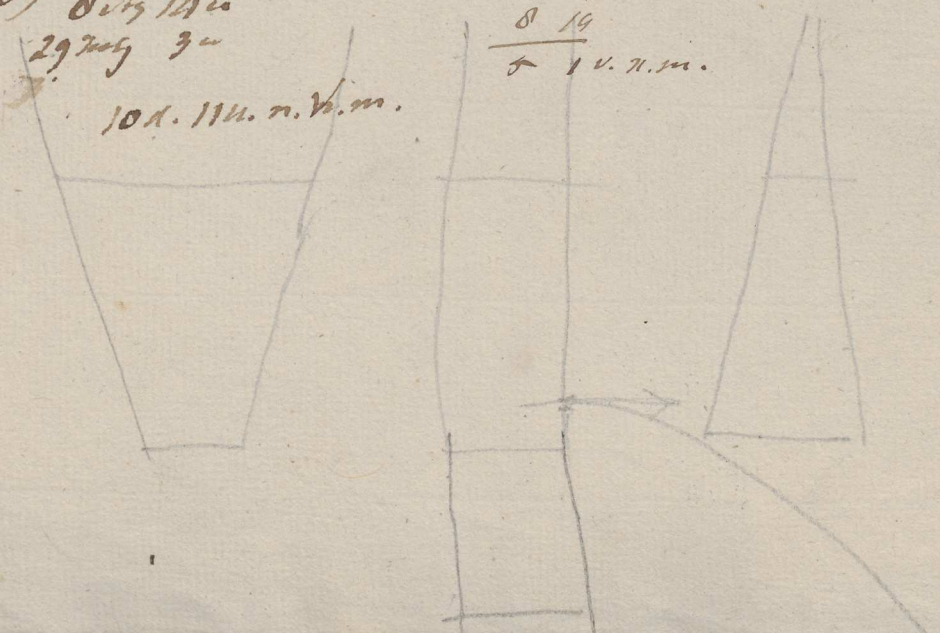
get by 2" / mag

39¹/₂ Oct 1844

29 July 3¹/₂

101. 114. n. v. m.

$$\begin{array}{r} 13 \ 15 \\ 8 \ 19 \\ \hline 5 \ 14 \ 11 \ 11 \ 11 \end{array}$$



Linné'ska

1° Naar Lappoeci 29 Sept 1826 A.N. Vol 5 pag 328 N° 115

2° — Pastorff 27 — — — — 6 pg 292 N° 133

Marsius Kijker te Liden 29 April 1844

Venus Kijker te Liden 29 April 1844

Mars Ben en Mäders Beiträge Band IV N° 2 en Band V N° 20

Jupiter Kijker te Liden 26 July en 20 Aug 1841

Saturnus Kijker te Liden 26 Aug 1841

Komet van 1826 Astr. Jahrb. 1829

Komet van 1811 Harding 21 Nov. 1811 Mon. Lon. Vol XXVII pg 299
Wef. März 1813.

Mars Kijker te Liden

Wakelick Gaspardi. Scheinvolle verlichting 28 April 1844 8-11

_____ Velle Maars 1 en 2 April — 9

Ringgebergte Mercurius en deel van het gebergte Heermann

Scheinvolle verlichting 23 April 1844

Velle Maars 1844

Deel van het Alpengebergte noord of het ringgebergte Louisa 25 April 1844

Groep by Antares in Herodotus 29 April 1844 9-10

Afstandslyke bezyn. binn het ringgeb. Plato 26 April 1844.

Stel van Orion Kijker te Liden en Herschel Mem. of the R. S. Soc. Vol II

Sterschoop in Heracles Kijker te Liden en Herschel Phil. Trans. 1833 pg 86

Verandering in de Lier Kijker te Liden en Herschel Phil. Trans. 1833 pg 29

Verandering in ~~het Noordhooft~~ ^{het Noordhooft} ~~van de Lier~~ ^{van de Lier} 1840 = +15° 12' ~~en~~ Herschel pg 66

Dubbele nevelstelsel in den Leeuw ter l. p. en δ 172° 45' = +16° 17' Herschel pg 79

6 7
12 14
3

2 $\frac{1}{2}$

7' Ten Warts

4' Ten Noords

700 g na. n.

1.950

1900 ell

23 Apr. 10"

17 5

6 d 5 u

1 Sept 13"

32 Aug 13"

27 13 N.M

5 - 0

Friedrich's Tapes in Vertizing

β Aquil. 19 46 50 313 51.2

16 Lysini

α Laps. 20 0 32 294 48.4

λ Mus. min 19 51 35 36 41.2 I

20 7

20 21

4 0	15 5	19 5
4 22		19 27
<hr/>		20 18
5 13		20 40
5 35		

16 Lysini pr. 19 36 357 59.7 B.2 A.

β Aqu 3.4 19 46 50 313 51.2

λ Mus. r I 19 51 35 36 41.2 J

16 Lysini 29 59 37 343 23 A.1 A.

λ Mus. r II 20 6 36 41.2

α Laps. 20 0 32 294 48

~~67 Lysini r. 6 20 00 00~~

Arnon 5 20 51 40 27 46.7 J. α Laps. 20 59 40 286 42.9

α Laps 3 21 13 20 9 45.0 P. 3 P. XXI no 7 gr. 21 7 10 349 19.6 A

β Aqu 3 21 22 30 301 35.6 — 70 Lysini r 21 20 344 16.0 A

β Laps 3 21 24 45 17 41.0 G. 3

γ Laps. 21 31 290 27.5 H

311
 222
 161
 149
 11

14 9 1/2
15 14 1/2

92
17
16

12/1.61/0.13
1 1/2
11

12/170/p.71
12



Length

9 1/2 cm

3206

bread 3145

14 tubs 61

14 tubs 887" 20.4p 960

14 9 1/2
6 7
8 2 1/2

brush in cells 20.960"

nulp 3045

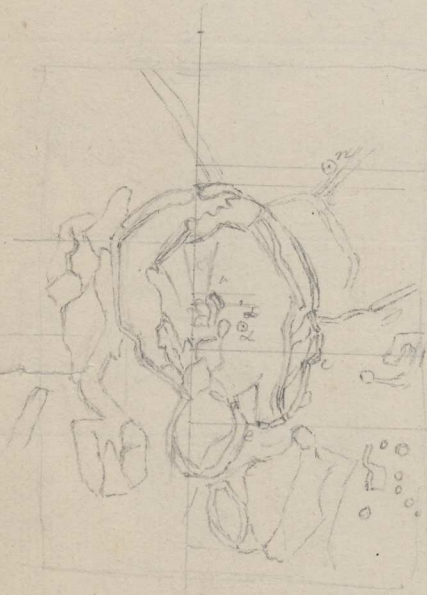
Length 1.61 + 1/2 = 1.70

bread 1.30 + 1/2 = 1.41

midren door Pitatus
langt Guerike

11

12



30

Encaustic on parchment

Midden door Pitatus
langs Guerike,