

REEVES

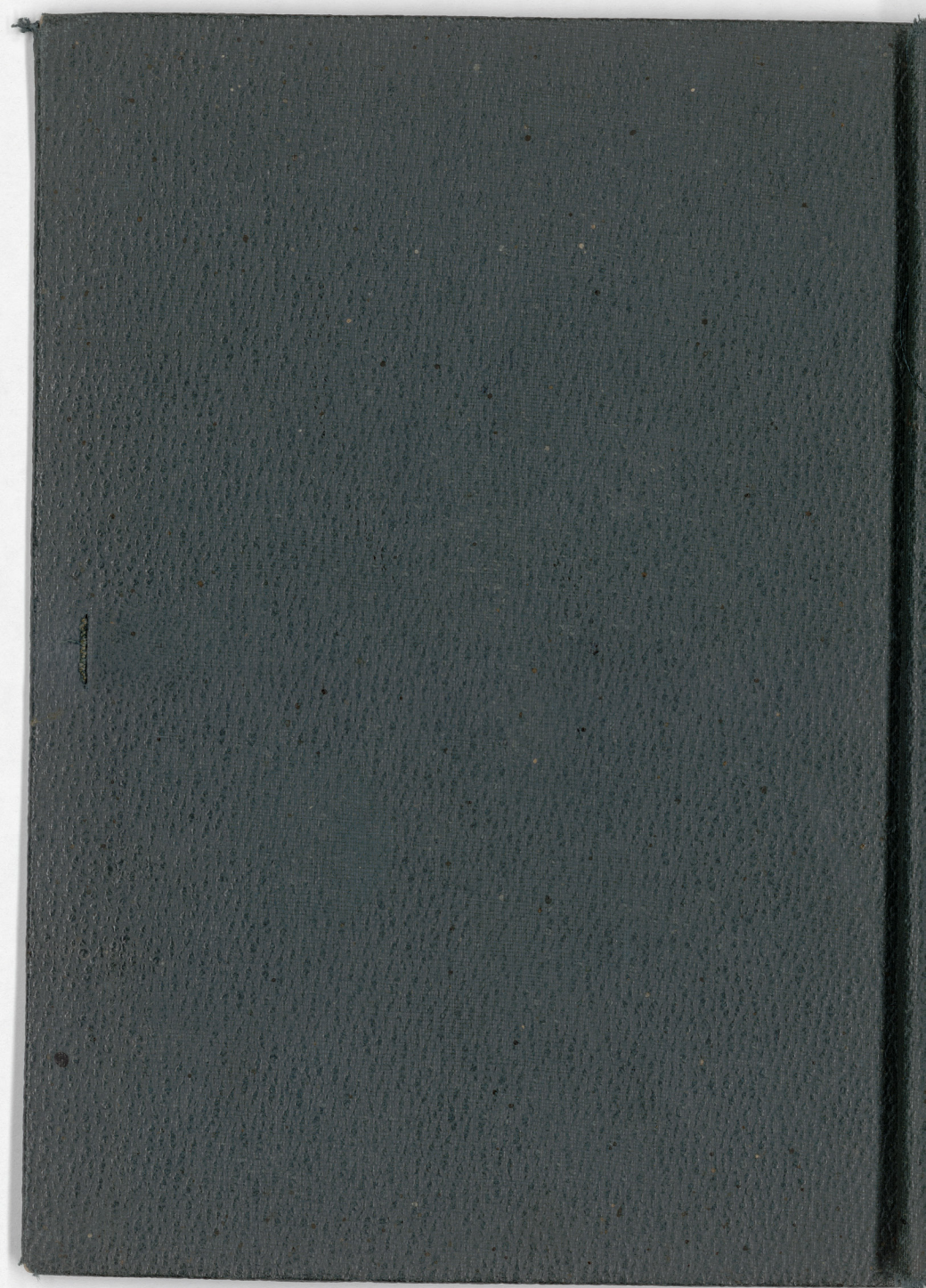


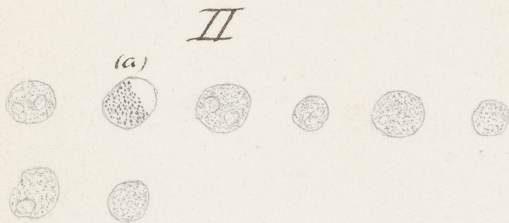
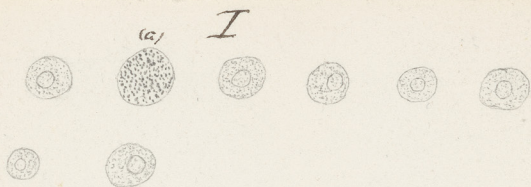
& SONS'

SOLID SKETCH BLOCK.

This SKETCH BLOCK consists of a body of paper compressed so as to form a solid substance to all appearance ; each leaf can be separated when drawn upon, by a penknife being introduced in the space left in the front of the block, and passing the knife round the edges of the paper, care being taken to cut only one at a time.

ARTISTS' COLOUR AND DRAWING PENCIL MANUFACTORY,
113, CHEAPSIDE, LONDON, E.C.



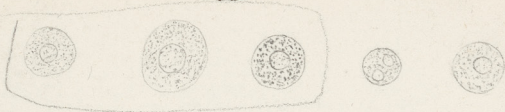


I Colourless blood corpuscles from
blood of splenic vein (No 91m) & 3)

II Colourless corpuscles from blood
of healthy man. No 91m) & 3

Single vesicular nucleus seen in the cor-
puscles of Leukæmic blood. a granular
corpuscles seen (a) in each series

I



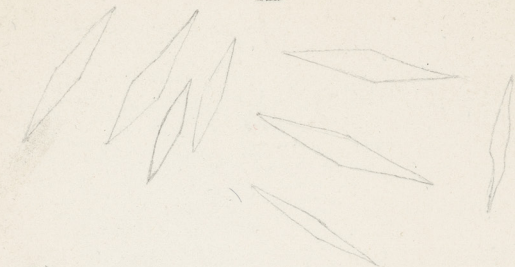
II



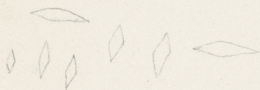
I Leucocytes from blood in the heart. No 9. (im) & 3

II The same from ante-mortem clot, after having been in Müller's fluid. Nuclei swollen
No 9 (im) & 3

I



II



I Peculiar crystalline bodies
abundant in the blood and in
the ante-mortem clots

II The same from fresh liver tissue
in which they were specially
numerous

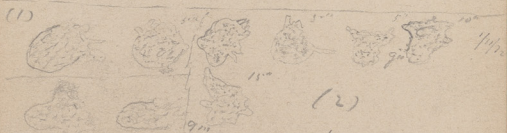
9/10/75 at 10.40 am

A rabbit in blue blood the
masses were as contained b-
be plentiful in as bleed
with a superheated capsule
all the capsules, preps, glass rods
were carefully superheated &
not allowed to touch anything af-
ter. The blood was whipped
with a glass rod to remove the
fibrin. The ^{points of the} pipettes were
broken off under the blood
(A) was filled with blood alone
& the blood was sucked up into
the pipette. The blood was then
diluted one half with boiled
saline solution & the pipettes
B, C, D, E, F, G were filled
B had the blood sucked up
H a little filled with ordinary saline



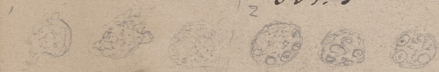
There three cells containing
blood corpuscles were
watched for ^{on a warm stage} 7 hours, without
any change, whatever being
observed. The vacuoles became
somewhat more distinct but
no alteration in size of the
vacuoles took place.

On the red corpuscles, it acts to dissolve out the colouring matter leaving the stroma & nucleus remarkably distinct.



atropine
Obs 1st. Action of Calabar bean on white corpuscle. Strength $1\frac{1}{2}$ gr. to 1000 gr. measures of saline solution.
Figs 1 corpuscle in atropine.
Figs 2 corpuscle (same) & hatched at intervals of 5" with gull. 1. at 10" with gull. ii. & 15" with gull. iii. This proves that the solution is not nearly strong enough.

Obs. 3



Action of Cal. bean. Fig 1 represents changes in 20" of focal cessation. Fig 2 changes in white corpuscle. multi-nuclea appear on the red. the action after 2.5" appears.

as follows by the good coloring
 malleus embryos in more about
 & covering the nucleus. Then the
 coloring disappears leaving the
 other parts very distinct



Obs 4

2/11/72

Cabata bean same solution 2 1/2 to 6
 1000 one more of solution. The above sketch
 represents the change within an
 hour. In the observation they continued
 to move slightly for nearly the whole period
 of 6 hours probably by the decomposition
 of the solution which contained a little
 much developed in many but partially
 state of corpuscle in simple solution for the
 same period showed a considerable movement
 in the direction of the nucleus appeared



Obs 2

20'

2/11/72

atopine 2 1/2 to 6 to 1000 2 1/2 of solution
 2 cases of activity of the corpuscle the only
 observable change in a corpuscle watched
 for 40". Shot of Cab bean then added
 which made the corpuscle gradually contract
 to a roundish ball with a few fine hairlike
 processes in about 20". It seemed to be covered
 with slightly & continued a few slight
 movements. Though seemed added

has moved toward the close
 end in about 3 1/2 hours. ^{with processes could be seen}
~~from~~ ^{Fig 4 represents}
 some of the corpuscles at this
 time, a few still had blunt
 processes, but formed so the entire
 corpuscles not like the clear
 than ones which appeared to
 be protruded from the interior
 of the cell the entire part of which
 retained the form of former
 almost all the while corpuscles
 presented the appearance, as
 described, but in some as
 fig 2 the processes were from
 the front appearing as nipple
 like projections surrounding
 the corpuscle

Fig 3 represents two curious
 forms

Fig 5 shows two corpuscles with
 the processes still out after
 seven hours action of the atropine



(1) Changes in a white or
 corpuscle of a neut within 5
 minutes

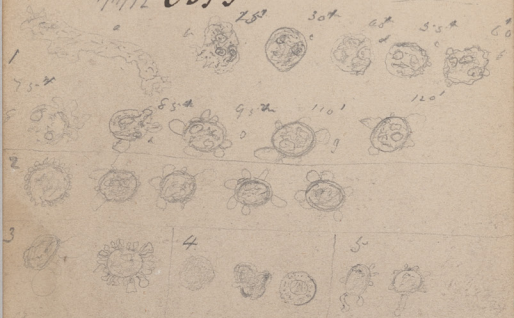
(2) odd forms assumed by
 white or corpuscles of neut
 hatched no 9 & was supposed



Ob. 1 On corpuscle in drop of saline
 exhibiting amoeboid movement; on
 adding 2 drops of solution of Physostig-
 mine to 1000 of saline solution the move-
 ment of the corpuscle were almost stop-
 ped. (Fig 1) shows the slight change
 which took place in half an hour
 It appears to make the nuclei much
 more apparent & contract the whole
 corpuscle. Nucleoli also are evident
 in many and a remarkable number
 of the nuclei are
 observed in some (Fig 2)

Ob. 2 Addition of rather more of the
 solution to a fresh specimen & two
 corpuscles under observation. In only one
 (Fig 3) was any movement noticed.
 & that as may be seen & traced by slight
 taking 3/4 of an hour for it accomplished

4/11/72 Obs 3



action of 1/2 % solution of Atropine Sul-
 phate on white oo corpuscle of the same
 Fig 1a represents the corpuscle chosen
 for observation & the figures following
 the changes undergone in the different
 periods of time indicated. It will be noticed
 that to fig 1c the corpuscle gradually
 diminished in size & several nuclei be-
 came apparent. The time occupied in
 this was 5-5-1/2. After this the corpuscle
 began to throw out delicate filaments
 processes, at first small & few in num-
 ber but throughout the second hour
 large processes, like those in the figs
 were protruded & retracted with
 great activity. This continued
 through the third hour, still

VII

VII

(1)



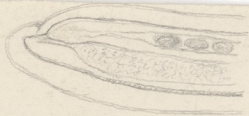
(2)



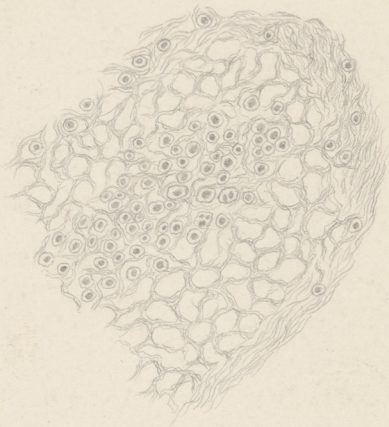
From axilla of adult *G. pis*
in which a section had been inserted
for 48 hours

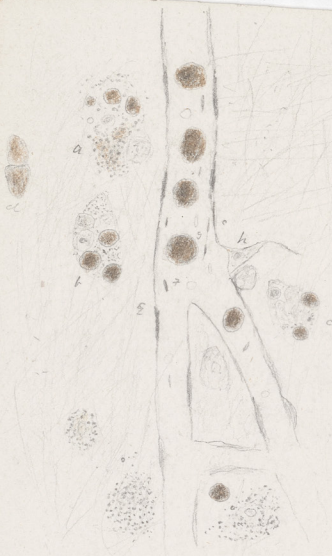
(1) Cells with nuclei & fat

(2) Pus cells of various size with
which the whole tissue was infiltrated
diam. no ^(mm) 9 x 3 at level of stage 100



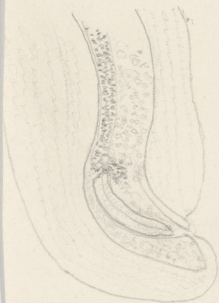
Stingyulus cucis *Tronchales*





No 7-4

Development of blood in connective tissue
 cells from blast of young rat 12 hrs old
 a, b, c cells as pluripotent granules
 containing red corpuscles. The former
 granules at a were also slightly tinged
 d) a corpuscle with trace of chromatin
 granulation. This it. No change in it within
 3 1/2 hours. E, capillary containing blood and
 developing nucleus G, I was from distant
 about two hours after wounding. These
 all meeting with the B.C. corpuscles of new blood
 H a capillary vessel



20/8/73

~~##~~

Adult 9 fig. Ammon. seton
in cell. three days.

Connective tissue covering
muscle examined &

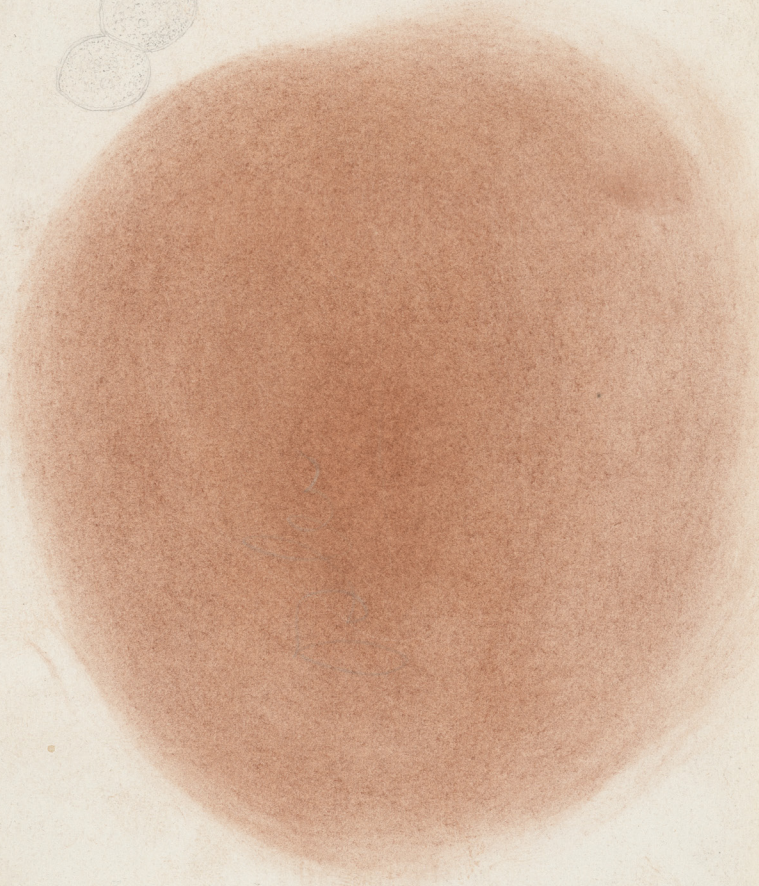
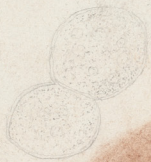
Cells such as sketched in previous
page. In fig 1 & 2 were found
throughout the tissue.

The large pale ones occurred
either singly or in groups varying
in number from one or two
up to white ~~clusters~~ ^{clusters} of several,
crowded together. The pur-
ple fig 2) were dark, very
granular & contained a sharp
defined nucleus.

One or two cells, only like that
sketched as fig 3) were seen
at one edge of the preparation.

An adult Q. Pig seton (skull)
in axilla. Killed two days after
injection. Tissue about the seton
connective tissue (Viss)
& muscular ~~at~~ some little
distance infiltrated with
pus, & it appeared to be in
the lower layers of the sheath.

XI



1 1/2 miles N. A.



Muscle

Cart



2



Tubule of Kidney

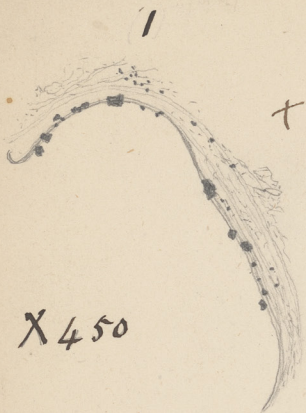


11



Cf. the article on anthracosis 1875
JTC

I



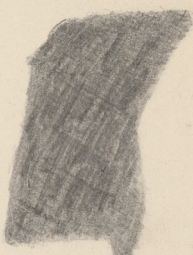
X 450



2



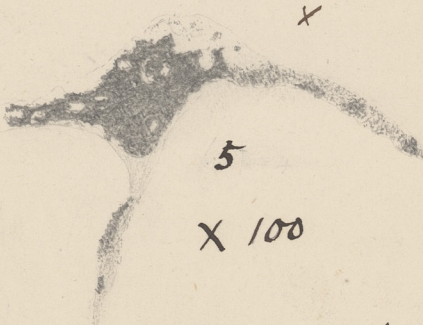
X 450



3

X 225

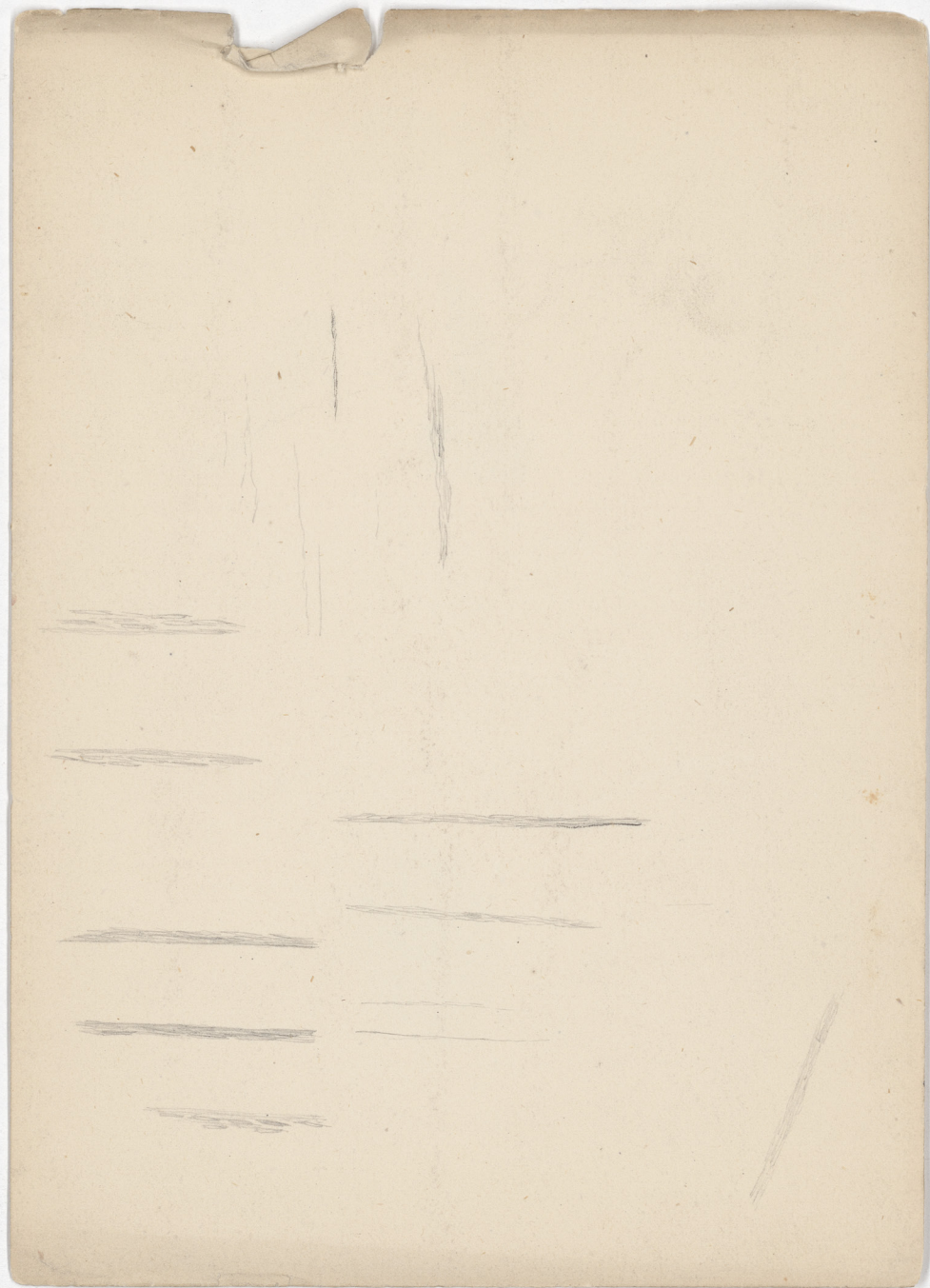
4



5

X 100

- (1) Natural section of alveolar wall showing particles of carbon attached to and imbedded in it
 2 & 4 Cellular elements (4) a stellate connective tissue corpuscle
 (3) Piece of coal, with nely red edges
 (5) Alveolar septa & portion of fair cell densely impregnated with pigment



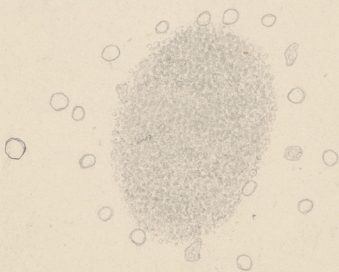
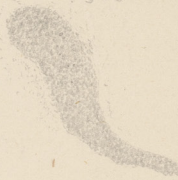
308

543

Red



543



(from B. 11. 11) 87.5

Drawing for his

Accd. of certain specimens re.

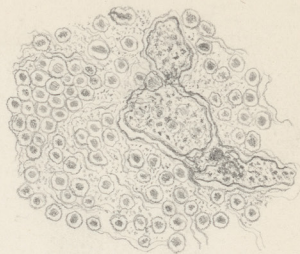
Proc. Royal Soc. 1874

(JOC)

I



II

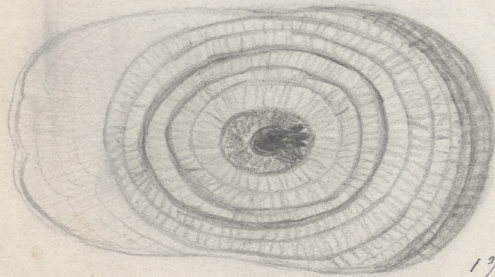


I Liver infiltrated with Leucocytes
with atrophy of cords of Liver substance

II Portion of Liver infiltrated with Leucocytes
with remains of a few cells

a lump up.

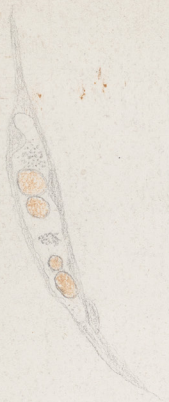
Dr Evans Plainfield Ill.



1 $\frac{3}{4}$ in long
4 in circ 76.8 grains weight

7
Ileus. Med. Nervs 10/9/86
Calculus passed per rectum after symptoms of

Thos Evans



Developing capillary. Some
distance from other capillary
The others somewhat like it
were in the same neighborhood
in young at 2 days old.

7/19/73

9. Pig

Examined its blood in its own
serum. Blood taken from the
heart - $3\frac{1}{4}$ hr after death
No development took place in
any of the mares in the field

9/10/73

adult rabbit, not mungy, but
thin

Mares plentiful development
in saline moderate

Lampblack & spirit

add egg parts of

polish (trough)

as used with sp. varnish

& much. pol. p egg



10/10/73

Take 15 spec

10.30 again

numerous

arg. small

like above

e. some

with small

ll bacula

at them many

ss. with

Leptotriton fr

ms about them

after 4 1/2 hours

the moires

have undergone

tration but

many filaments - many be seen about

them & in some cases growing

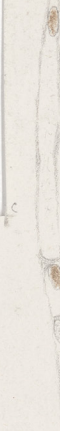
from them in the field all stages

of the filaments may be seen as
then detached





a



c

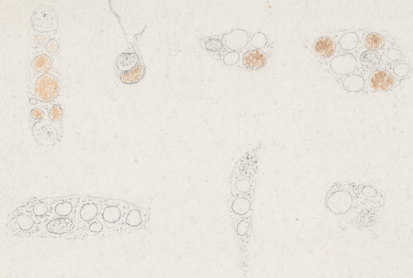


d

From connective tissue of
back of young rat - 36 hours old
a & c no 7 + 4 , d no 5 - 4

XIV

8/4/23



Connective tissue corpuscles
with blood cells + vacuoles
form fascium of young test-
is 24 hrs old

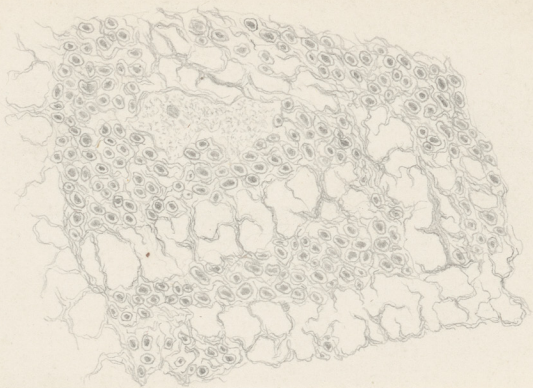
The three lower sketches represent
the ordinary cells in the neighbour-
hood
no 2 & 6

The tubes were placed in the
warm chamber which had
the temperature about 35°

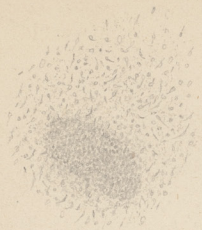
Tube B taken out at 3.45 &

examined. No mites seen
one or two small collections
of small granules (B. S.) seen
and several filaments - be-
aded Tube sealed
up again with the slide put
in the chamber

In the vessels of the Pia mater of
this rabbit, the small B. corpuscles
were numerous but ^{generally} smaller
than those seen in vessels of
the young rat. Several mites
were seen in a large front
vein



coloured with S.P. 2. Change 4052.



as in with 20000.

10 11. 12. 13. 14. 15. 16. 17. 18. 19. 20.

21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

0
0
0
0
0
0
0
0
0
0

(1) X 300



(2) X 300

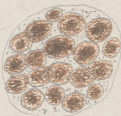


(3)



X 300

(4) X 450



Sept. I

- (1) Leucocytes from axilla of kitten containing a variable number of pigment grains
- (2) Large ameboid cells containing Indian ink granules, from inflam. lung
- (3) Connective tissue corpuscles from the pleura with the pigment involved
- (4) a & b Large cells containing red blood corpuscles. c. a cell with only the diffuse colouring matter

Drawings for Osler's "An account of
certain organisms occurring in the
liquor sanguinis".

7/7/05

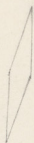
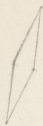
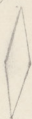
Michael Green -

Sarcocystis of ocher
peritomeum

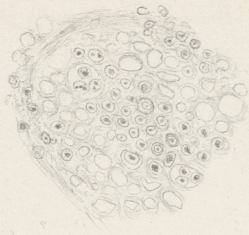
small vessels
in centre of growth

5 x 3

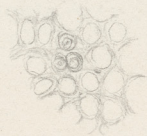




I



II



I Stroma of Spleen, cells filling some of
the meshes No 9.

II Fibrous stroma of spleen
No 9



Cells in primary Cancer of Liver.

I



II



III



Elements from leucæmic Liver;
 portions of white areas teased in $\frac{3}{4}$ Op saline

I Leucocytes: varied much in size; all
 had well defined nuclei. These are
 the most abundant elements

II Liver cells, irregular from pressure

III Connective tissue corpuscles. (a) com-
 mon form. (b) large multinuclear cells

III



(1) Portions of coal
surrounded by hard
crystalline masses

(2) a. Portion of scalariform tissue
The light parts between the bars are
of a reddish brown color. 2. b. and
view of same. (3) Grains of silica

4 & 5: Odd looking portions of coal, the latter was
found just beneath the plecton

(6) Fragment with two holes, probably portion of dotted duct-



MG. 1

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7666 m