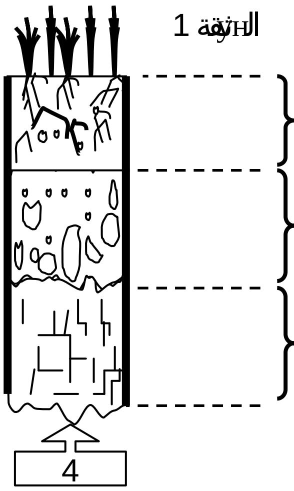
الوثيقة 1



1 ...

.1 ...

2 ...

(2 ...

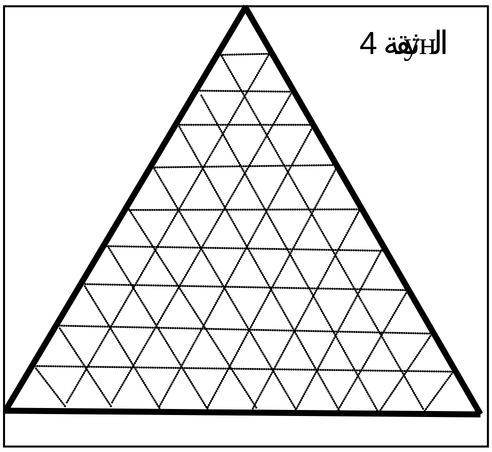
... 200g ... 2mm ...

:3 ...

الوثيقة 3

القطر ب mm	< 0.02	ما بين 0.02 و 0.2	ما بين 0.2 و 2
كتلة العناصر ب g — 1	39.5	145	15.5
2	73.3	126.7	0
3	151	39.5	9.5

الوثيقة 4



(5 4

(6 ...

(7 ...

... S_1 ... 1 ...

M_1=159.5g.

... S_1 ... S_2 ... M_2=149g.

... 3: ... S_2 ... S_3 ...

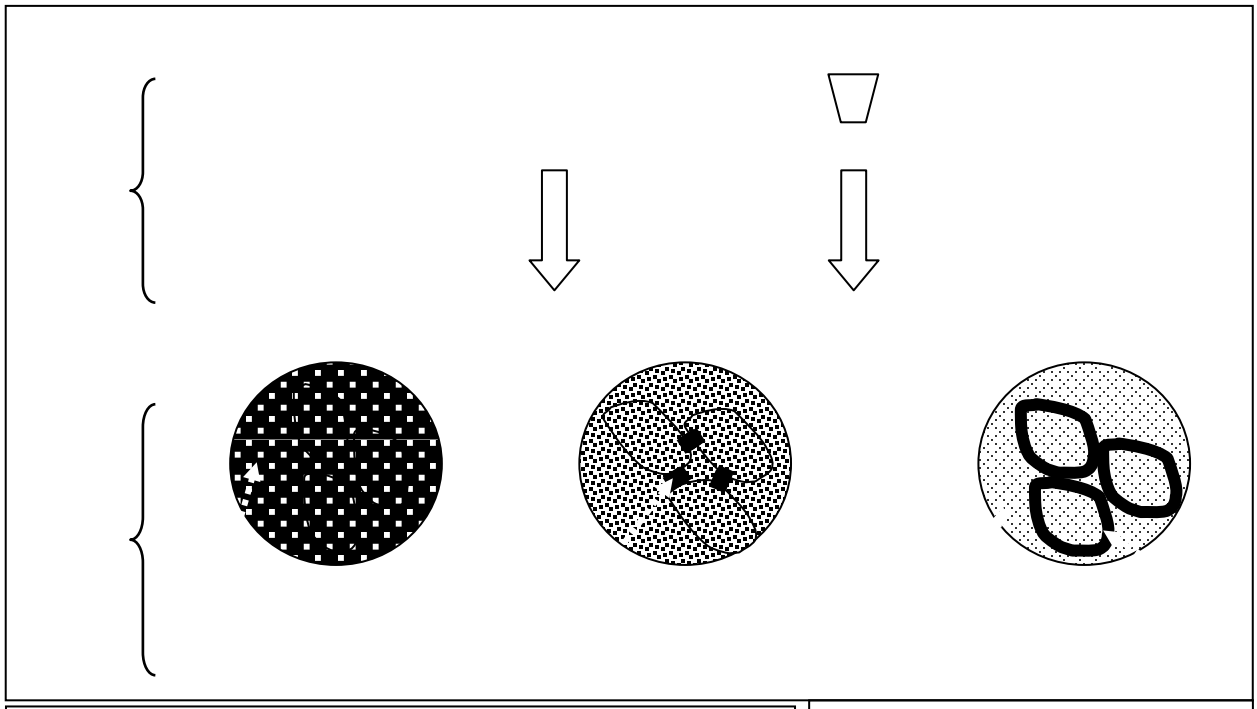
M_3=131.5g.

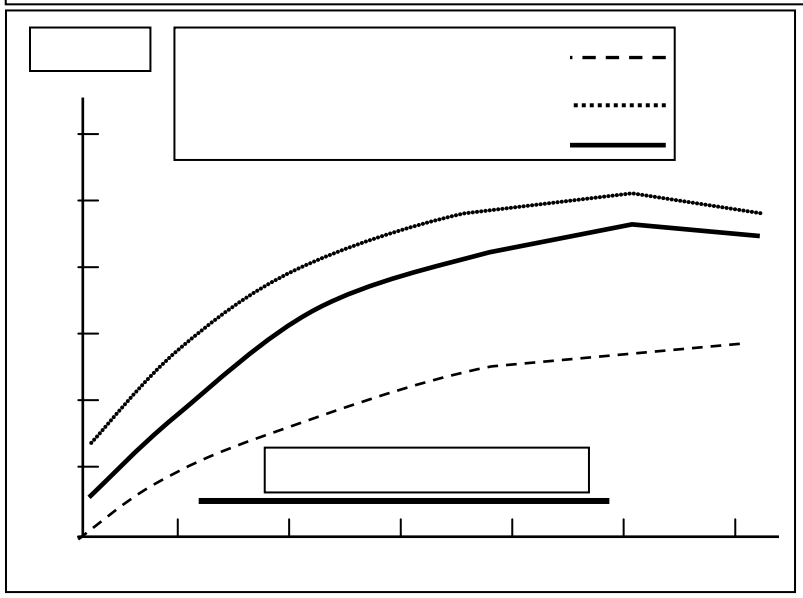
... S_3 ... 4 ...

M_4 = 100 g.

.2 (1
.3 (2
. (3

. 1





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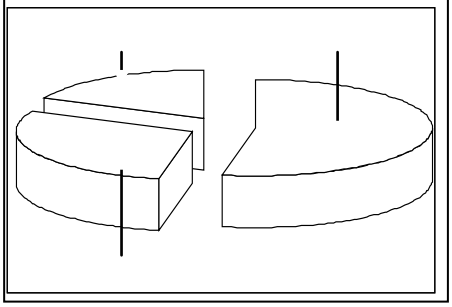


1 (4

.

. 2

(5

. (

. (6

.

(Point de fléchissement) :PF (7

. = PF

$PF = (V_h /m) \times 100$ .ml = Vh

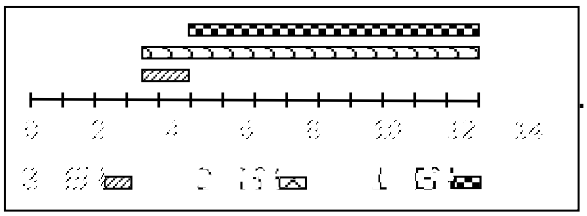
.g = m

.

. 2 (8

. (9

: pH



. (1

. (2

. (pH< 4.5)

(3

. 3

. pH (4

3 pH (5

: B. Fischesser La Vie' dans la foret "

(10T) 400

) $^{10}10$ $^{6}10$: . 30cm

.(10^{-5} cm^2 $^{8}2.10$

... $^{6}10$ 600 Kg

1000T 100T

"...

2.5 .$^{6}10$

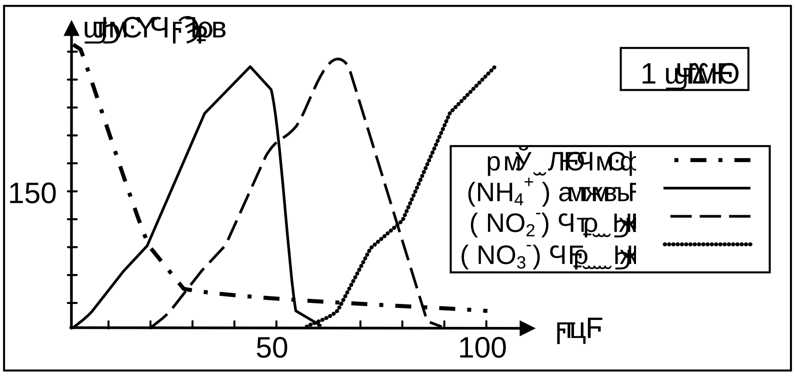
. .0.5g

15 ... 15 ... 100 ...
... 25 ...
... 65 ...

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0.32%	0.09%	0.04%	1.62%	19.80%	[illegible]
3.58%	0.67%	0.22%	4.92%	27.90%	[illegible]

7	6	5	4	3	2	1	[illegible]
7.4	7.2	6.7	6.4	5.9	5.3	5.1	pH
7.3	7.2	6.7	6.6	6.4	5.8	5.4	pH

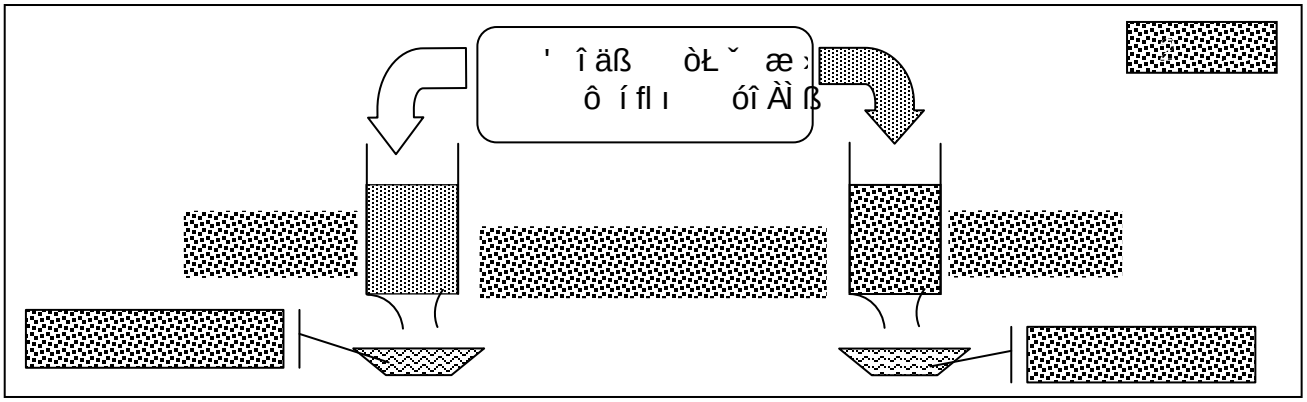
... 1 ...



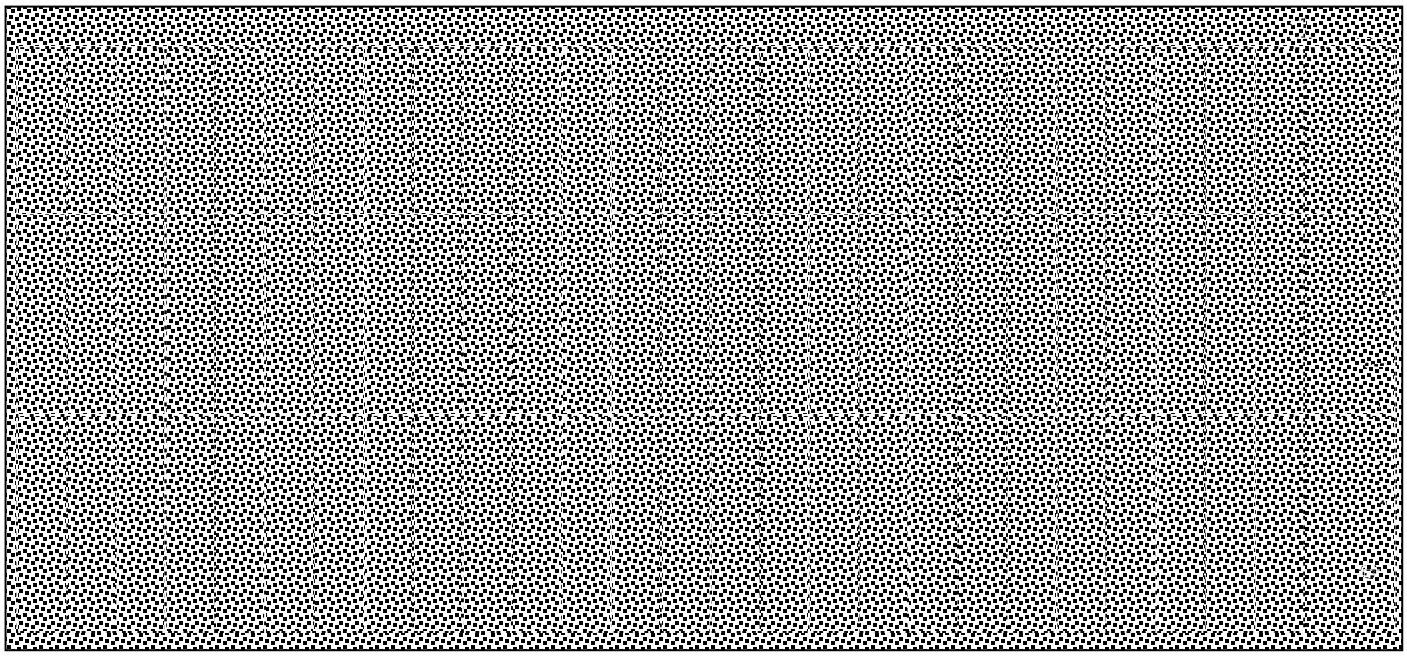
:2

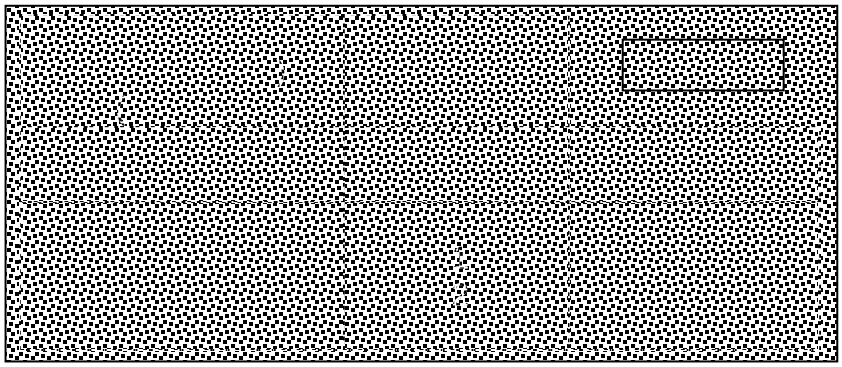
. (4
(5

.



1 Î
.(INRA)
: (1942 1929)
.(=) 100 t ¡ -
. ¢ -





2 Î

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(1
.1
. (2

.2 (3
.2 (4
(5
. (6

« dust Critias
20 . bowl »
19
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1936 1933

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. (1
(2
(3
(4

. gk

0.3	0.3	1.1	1.5	0.5	1.9	N
0.3	0.5	0.4	0.7	0.25	1	P_2O_5
0.45	0.6	1.6	0.5	1.2	0.5	K_2O
0.45	0.03	0.2	0.02	0.6	0.15	CaO
-	0.03	0.15	0.10	0.2	0.25	S

. (1
. (2
(3
(4
(5
. (6
(7

: B. Fischesser La Vie' dans la foret "

(10T) 400
) $^{10}10$ $^{6}10$: . 30cm
.(10^{-5} cm^2 $^{8}2.10$
... $^{6}10$ 600 Kg
1000T 100T
"...
2.5 .$^{6}10$
.
.0.5g
15 T 1.5 T 30000
25T
. 65

(1
. (2
(3
(4

.

:

0.32%	0.09%	0.04%	1.62%	19.80%	
3.58%	0.67%	0.22%	4.92%	27.90%	

. (5

7 pH .

.

pH pH

:

7	6	5	4	3	2	1	
7.4	7.2	6.7	6.4	5.9	5.3	5.1	pH
7.3	7.2	6.7	6.6	6.4	5.8	5.4	pH

(0 7) (6
-
-

(7

« dust Critias
20 . bowl »
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