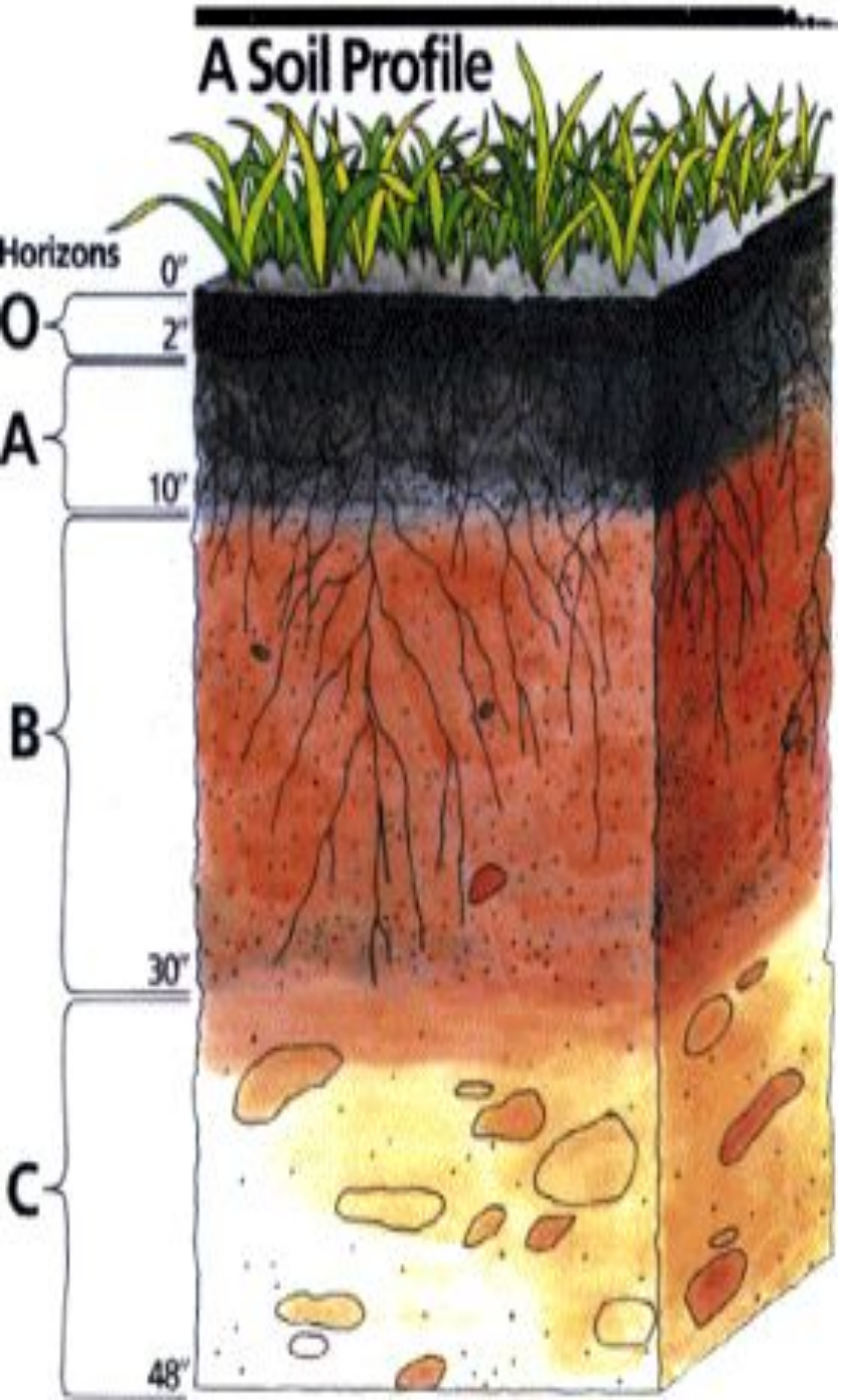
CLASSIFICATION OF SOIL



Classification of soil is amalgamation of soil in corresponding with the same signs,originated from sums of classification.It may be natural –historical,applied,economical

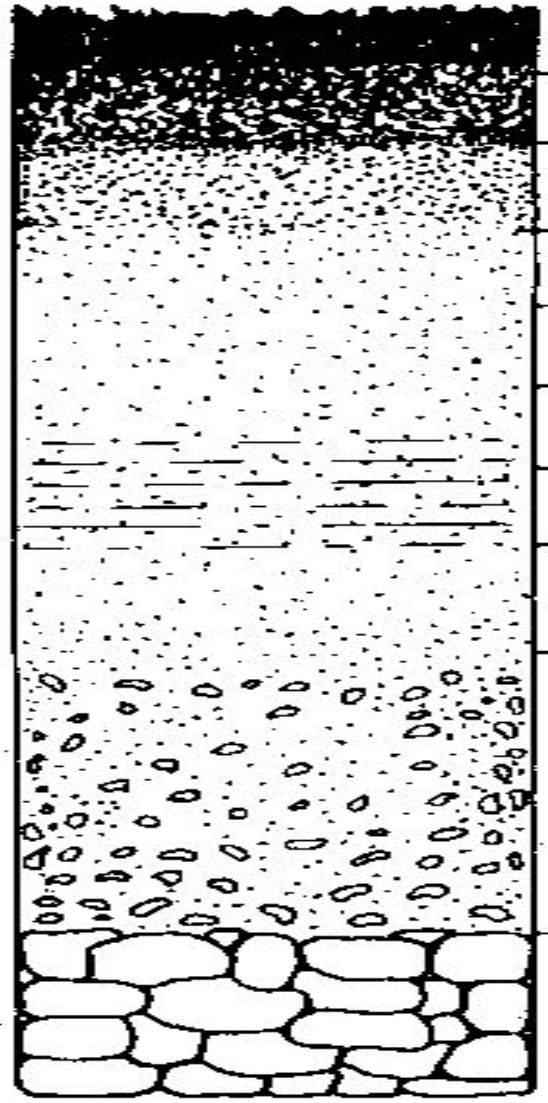
Nowadays in classification of soil the following toxinomical units are used:

- soil is formed in the same condition and possesing with similar structure and property
- group of soil that limited from one type that distinguished between the main and additional process of soil formation
- depends on mechanical structure

Parent Material	Ignoring Weathering	Degree of Weathering		
		0-1	1-3	>3
Ultrabasic	3-4	4-4	3-4	2-3
Basic/Intermediate	3-4	3-4	3-3	–
Acid	1-3	2-4	1-2	1-2
Clay/Clay State	1-3	2-3	1-3	1-1
Phyllite	1-4	1-4	2-2	–
Sandstone	1-3	3-3	2-2	1-2

Table 4: Classification of susceptibilities with respect to soil influence on metal detector performance. 1: neutral, 2: moderate, 3: severe, 4: very severe. The first index corresponds to the median and the second to the 90%-quantile. The first symbol corresponds to the average influence of the soil on MD and the second to the maximum impact that has to be expected.

It may be natural –historical,applied,economical



O_1 Organic horizon; largely undecomposed

O_2 Organic horizon; partly decomposed

A_1 Mineral, mixed with humus, usually darkened

A_2 Zone of maximum eluviation of clays and iron and aluminum oxides, lighter in colour

A_3 Portion of A horizon transitional to B

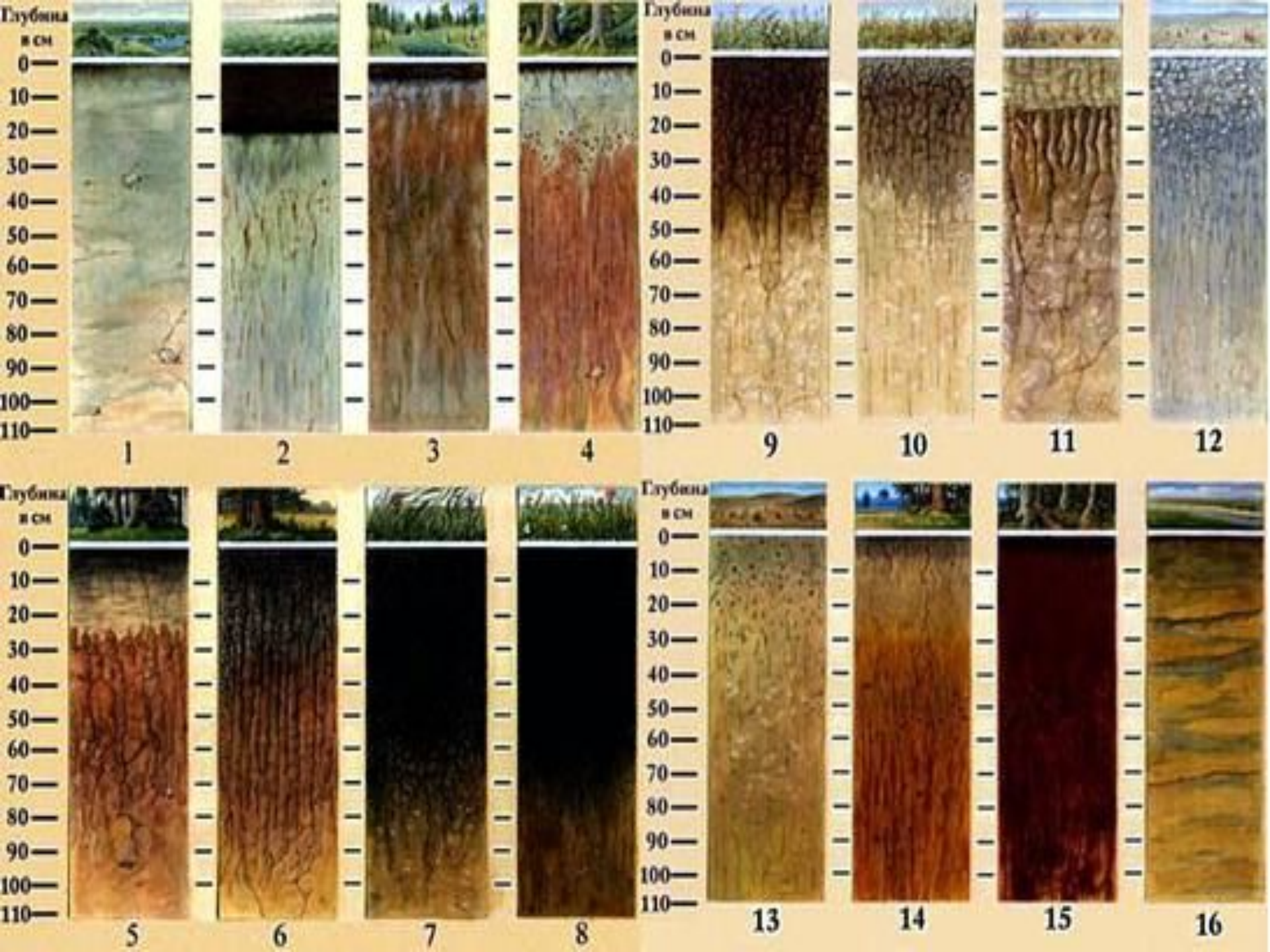
B_1 Portion of B horizon transitional to A

B_2 Zone of maximum illuviation of clays and oxides of iron and aluminum

B_3 Transition to C

C Unconsolidated mineral horizon

R Bedrock


Глубина в см
0
10
20
30
40
50
60
70
80
90
100
110
1
2
3
4
9
10
11
12
5
6
7
8
13
14
15
16

Thank you for your attention!

Any questions?!