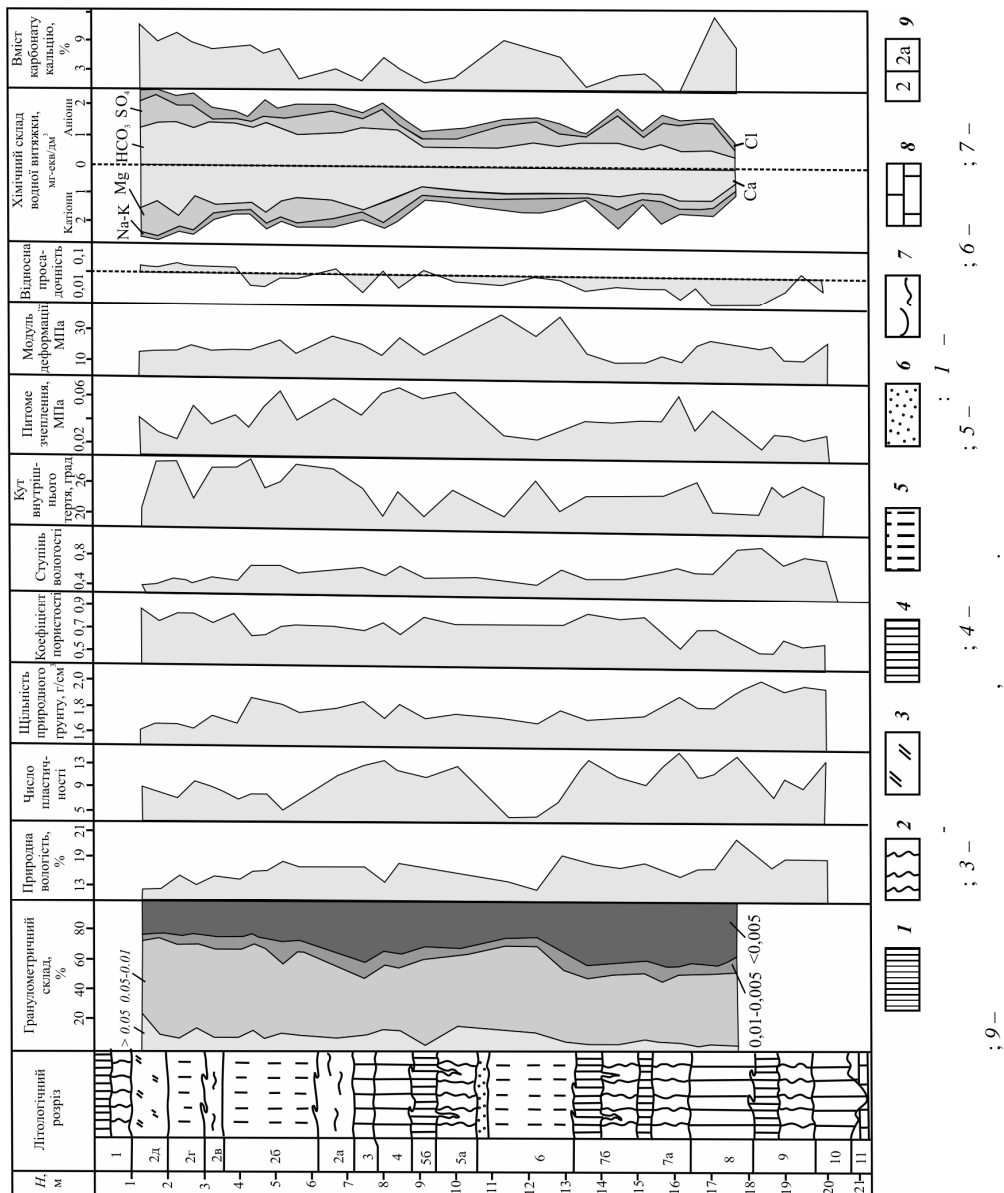


551.8:631.472(477.82+477.43/.44)

... ( )  
... ,  
... , 41, 79000, ... ,  
30 ...  
... 18 ...  
... [4].  
[2].  
... ( ) .  
(1)<sup>1</sup>. ... 0,0-1,0  
( )  
... 0,5 ... 0,5  
... ,

---

1 [1, 3].  
© .., 2013



2-  
8-

	(2).	-	1,0–7,2
	(2 )	-	1,0–2,0 (±0,2)
	4,0	-	
1,0		-	
	( )	-	
	3,	-	
1,2–1,6	– 0,5–1,0	-	
		-	2,0–3,0 (±0,2)
(2 ).		-	
	1,0	-	
	( )	-	
	(2 ).	-	3,0–3,6 (±0,2)
		-	HCl.
		-	
		-	
	0,1	-	
25–30°.		-	
		-	3,6–6,2 (±0,2)
(2 ).		-	
	10,0	-	
		-	
	(2 ).	-	6,2–7,2
“ ”		-	
	0,2	-	
		-	
	2	-	
	(3).	-	7,2–7,8 (±0,2)
	“ ”	-	
	( )	-	
	1,	-	
		-	
		-	
		-	5,0

2,0 ) - , ( ,  
 , ( 2,0 )  
 , ( 29 %),  
 SiO<sub>2</sub> : Fe<sub>2</sub>O<sub>3</sub>  
 0,2-0,3 .  
 (4). 7,8-8,8 (±0,2)  
 4 ) - ( 4 ).  
 0,3-0,5 , - 1,0-3,0 ),  
 ( -  
 (5). - 8,8-10,6  
 ( ) 0,4-0,5 -  
 , , 1. 0,1  
 ( - 0,5 , - 3,0 ),  
 1,0 .  
 ( , ).  
 0,2 . - ,  
 / l 0,15 , 1  
 : , 0,7-1,5  
 , ( “ ” ) 1,0  
 ( l ) -  
 ( ( ) , -  
 ( 3,0 ).

3,0 , . - , - 0,1 ,  
0,5 .  
mt  
10,0 .  
1 mt - 0,8 ,  
1,0  
(6). - 10,6-13,3  
0,2-0,3 , ( 5,0 )  
15,0  
2,2 . , -  
5,0 , - 3,0  
- 1,5 , - 3,0 .

10,0 .

(7). 13,3–16,5

( ) – -

( ) . -

7 ) ( , -

( ) 0,3 -

НCl , , -

( ) 1,1 , , -

- 0,5 ). НCl ( ,

7 ) ( , -

( ) 0,7 -

, , , , -

( ) 0,2 : 1,0

( ) 0,5 0,5–1,2 . -

НCl. - -

, 10,0 , .

, .

(8). 16,5–18,2 (±0,3)

- ( ) -

, , , -

( ) 5,0 . -

, .

0,5 , ,

), :  
, , - , -  
, , 0,1 ;  
) - , ,  
, “ ” 0,5 .  
;  
) - , , -  
, 3,0  
1,0  
, 0,3 , “ ” ( HCl )  
, ( 5,0–7,0 )  
, 1,0 .  
(9) ( ?). 18,2–19,8 (±0,3)  
( )  
0,3  
, , HCl.  
, - , 3,0  
1,0  
( ) 0,2  
, - ,  
, 3,0  
1,5  
0,5 .  
( ) 0,5  
, ,  
, HCl  
- 1,5  
2,0  
( ”) 0,3–0,5  
,

, (10). 19,8–21,0  
 , ( 22,0 )  
 , HCl ,  
 - 21,0–22,0  
 ( )  
 5,0  
 -  
 2  
 ,  
 -  
 , -  
 ( )  
 .  
 3: (2 ), (2 ), (2 ), (2 ) -  
 (2 ).  
 57%.  
 54,1–55,1 %,  
 59%.  
 9,4 % 17,4 % - 22,4 27,1 %.  
 , 43,6 %,  
 35,2 %.  
 , 57,5 - , 24,4 %  
 12,7 %  
 - 38,5 %.  
 , 4,0 % - 49,2,  
 -  
 (39,3 %)  
 (41,1 %)

---

<sup>2</sup>

<sup>3</sup>

(2) -



5,6 %, – 52,8 47,5 %, – 31,9 37,6 %.

13 23 %.

17–18 %.

17–18 %.

12–13 %.

19 % ( )

23 % ( )

4 9.

12–16.

1,75 / <sup>3</sup>, 1,66 2,05 / <sup>3</sup>.

( 1,90 / <sup>3</sup>)

( 0,800)

(0,750–0,770)

(0,530–0,650)

0,60.

( 0,90.)

30°, (0,03–0,04 )

(17–26°) (0,04–0,06 )

(21–27°), (0,02–0,06 ).

(43 )

... (10–15 %) – ...  
 ... 12–15  
 23 ... 0,3 ...  
 ... 1–3 %.  
 ... (15 %) ... (1–2 %; ...)

1. ... // ... 1986. – . 121–132.
2. ... // ... V ... , 1990. – . 1. – . 65–66.
3. ... // ... , 1998. – . 105–107.
4. *Fedorowicz S.* Loess-paleosol sequence at Korshiv (Ukraine): Chronology based on complementary and parallel dating (TL, OSL), and litho-pedosedimentary analyses / Stanislaw Fedorowicz, Maria Łanczont, Andryi Bogucki, Jaroslaw Kusiak, Przemyslaw Mroczek, Grzegorz Adamiec, Andrzej Bluszcz, Piotr Moska, Michał Tracz // *Quaternary International*. – 2013. – Vol. 296. – P. 117–130.

: 14.05.2013  
 17.06.2013  
 10.10.2013

**ENGINEERING-GEOLOGICAL CHARACTERISTIC OF THE ROCKS  
OF THE LOESS-SOIL SERIES FROM THE KEY SECTION AT KORSHIV  
(VOLHYNIAN UPLAND)**

**Andriy Bogucki, Petro Voloshyn**

*Ivan Franko National University of Lviv,  
Doroshenko Str., 41, UA – 79000 Lviv, Ukraine*

Korshiv key section is one of the best studied and most complete sections of periglacial loess-soil series of Volhyn-Podillia. There is total thickness of loess-soil series approximately is 30 meters in this section. This key section is stratotype of Korshiv fossil soil complex and Lutsk fossil soil. Pseudomorphs after the structures of cellular ice of several stages of Middle Pleistocene palaeocryogenesis were allocated here for the first time for Volhyn-Podillia.

Detailed description of the section and the results of engineering-geological studies of rocks of all selected loess and palaeosoil horizons were done. Individual properties of selected stratigraphic horizons and their dependence on the paleogeographical conditions of sedimentation were displayed.

*Key words:* loesses, fossil soils, palaeogeographical conditions, engineering-geological features, subsidence, Volhynian Upland.