

1 %.

?

[1, 2, 4, 5, 11 .].

-

:

[11 .].

[11, . 161-162],

(

),

(

),

(

),

(

) [4, . 32-38],

[5]: 1)

; 2)

in situ;

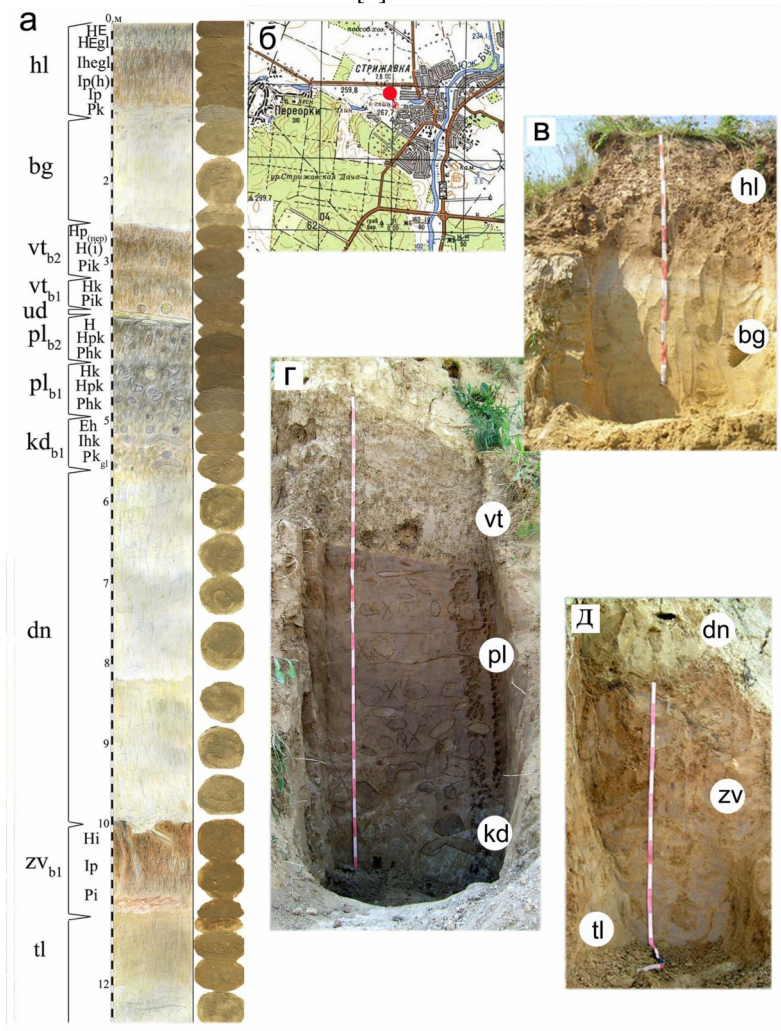
2008 .

[10].

[12],

()

[7].



. 1.

(), ()

(-)

(. 1)

(. 2)

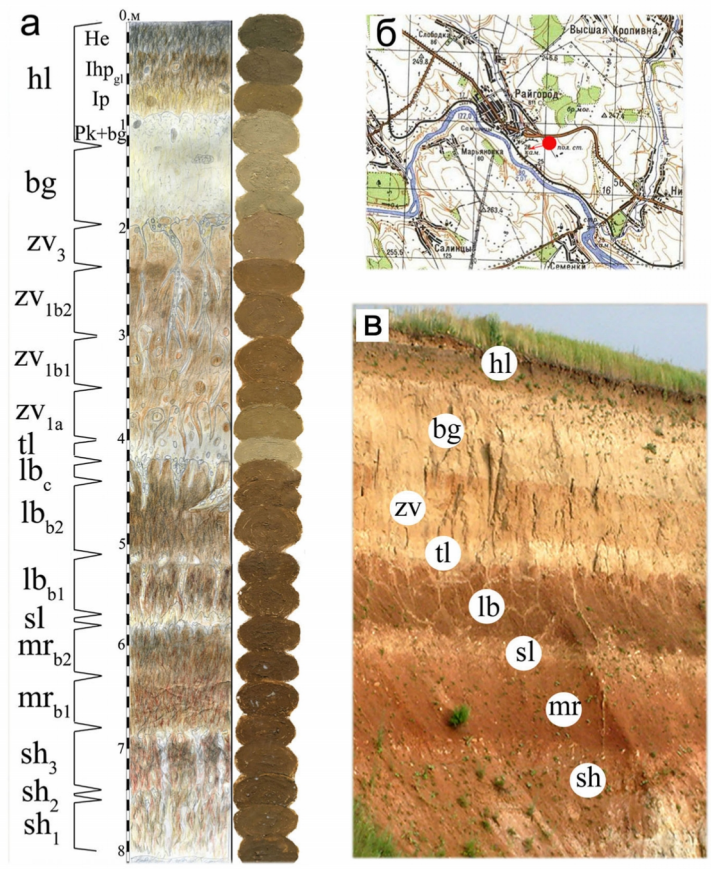
[9]:
 (bg);
 (vt_{b1})

(vt_{b2});

(hl);

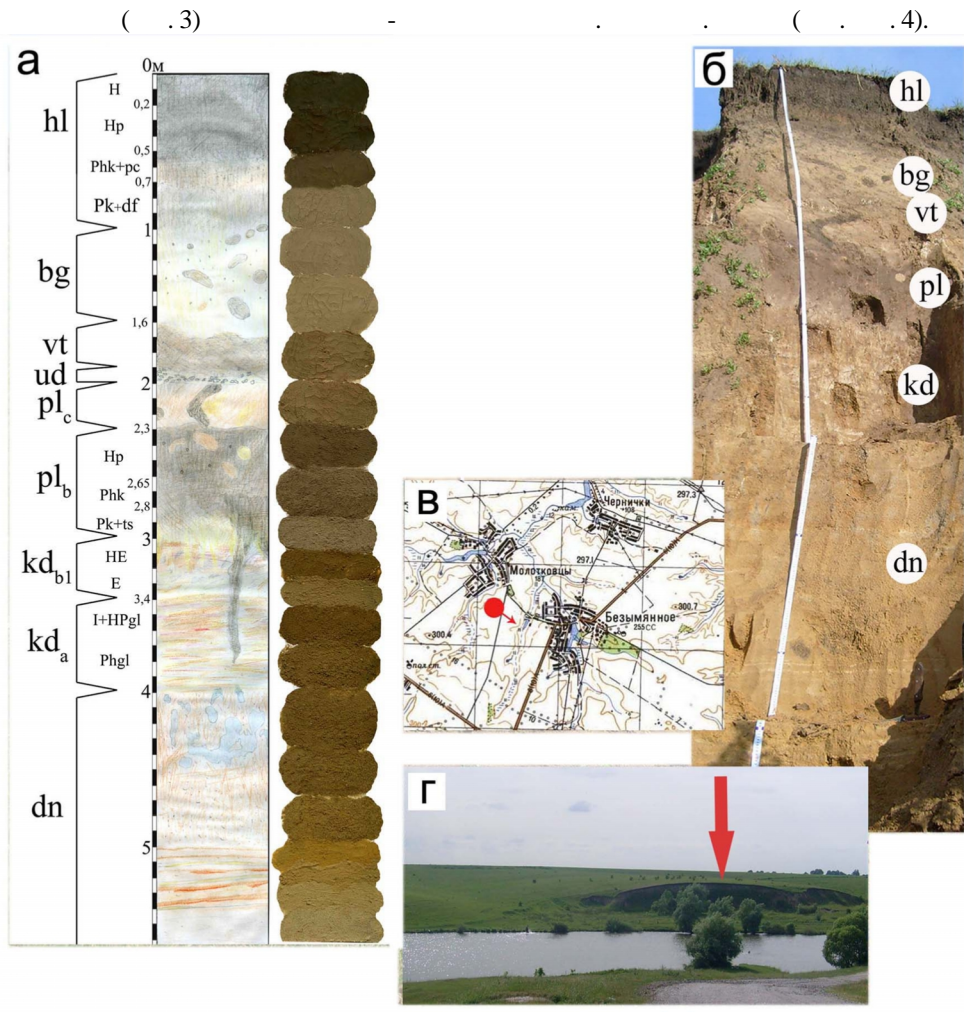
(ud);

(pl_{b2}); (pl_{b1}); (kd_{b1});
 (dn);
 (zv_{b1});
 (tl).



2.

(), (),
 [6]:
 (hl); (bg);
 (zv_{1b1}), (zv_a), (zv_{1b2})
 (zv₃); (tl);
 (lb_{b1}), (lb_{b2})
 (lb_c); (sl);
 (mr_{b2}); (mr_{b1})
 (sh).



3.

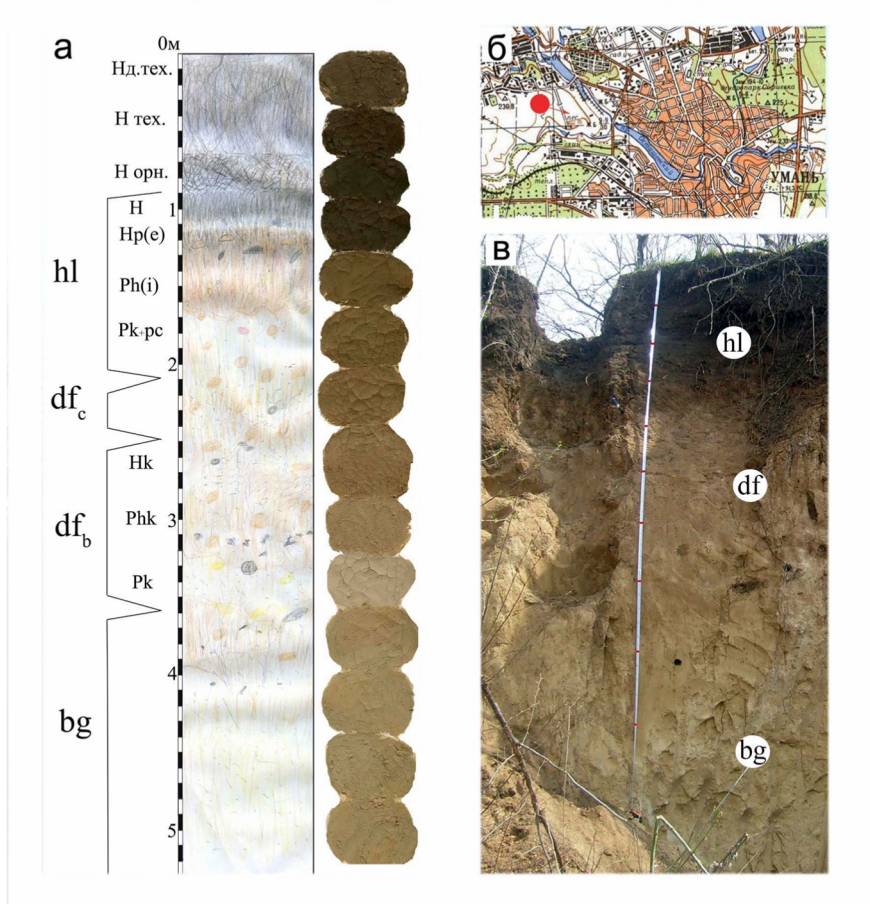
(),

(),

(.).

— Pk (hl); (df),
 — (vt);
 — (pl_b); — (pl_c);
 — (kd_a); —
 (kd_{b1}). (pc), (bg) (ud)

(ts), (dn) -
(hl) -
(hl);
(pc);
(df_b) - (df_c);
(bg).



4. (), ().

64

(10%).

105–120° .

АН-7529.) 1,724 [3]. (-
 . 1–4. 1

	hl					bg	vt _{b2}	vt _{b1}	pl _{b2}	pl _{b1}	kd _{b1}	dn	zv _{b1}	tl
	HE	Hegl	lhegl	lph	Pk									
,	0,15	0,3	0,6	0,8	1,2	1,5	2,8	3,4	3,9	4,5	5,2	9,8	10,3	11,4
, %	0,9	0,52	0,35	0,4	0,45	0,31	0,19	0,13	0,55	0,59	0,14	0,11	0,1	0,04
, %	0,37	0,1	0,13	0,47	4,66	1,55	1,28	1,07	0,08	0,21	0,06	1,29	0,06	0,01

2

	hl				bg	zv ₃	zv _{1b2}	zv _{1b1}	zv _{1a}	tl	lb _{b2}	lb _{b1}	mr _{b2}	mr _{b1}	sh
	He	lhpgl	lp	Pk+bg											
,	0,2	0,5	0,8	1,1	1,4	2,2	2,5	3,3	3,7	4,1	4,6	5,5	5,9	6,5	7,3
%	0,98	0,45	0,4	0,12	0,5	0,53	0,19	0,24	0,28	0,19	0,53	0,4	0,33	0,38	0,45
, %	0,72	0,57	0,11	0,32	1,05	2,32	1,25	0,54	0,16	0,09	0,59	0,71	0,49	0,14	0,06

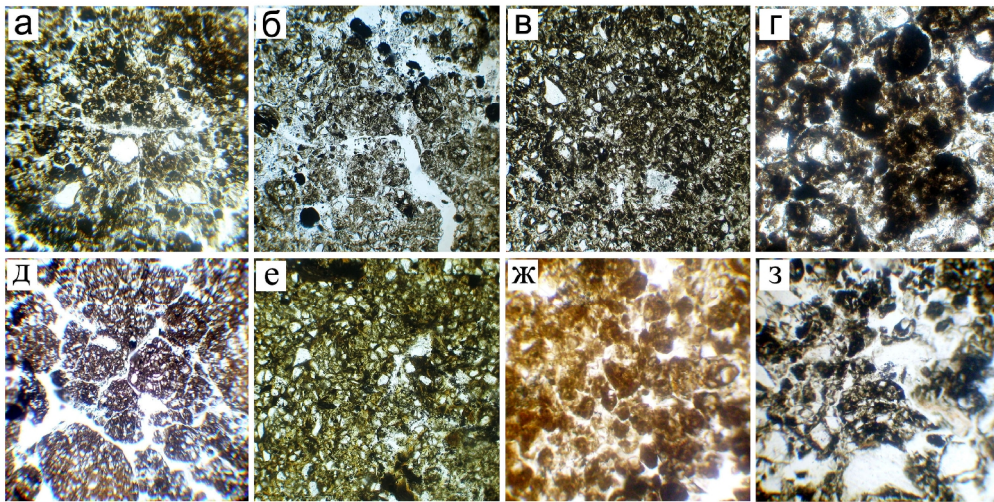
3

	hl						df _c	df _b			bg	
	H	.	.	Hp()	Ph(i)	Pk+pc		Hk	Phk	Pk	.	.
,	0,1	0,5	0,8	1,2	1,5	1,8	2,2	2,7	3,2	3,5	3,8	5,2
, %	1,78	1,71	1,85	0,95	0,4	0,98	0,82	0,56	0,84	0,58	0,69	0,35
%	0,25	0,4	0,53	0,62	0,19	1,62	1,57	2,98	3,24	4,91	3,9	3,24

(. . . 5)

(0,1–0,84 %)

(0,04–0,19 %),

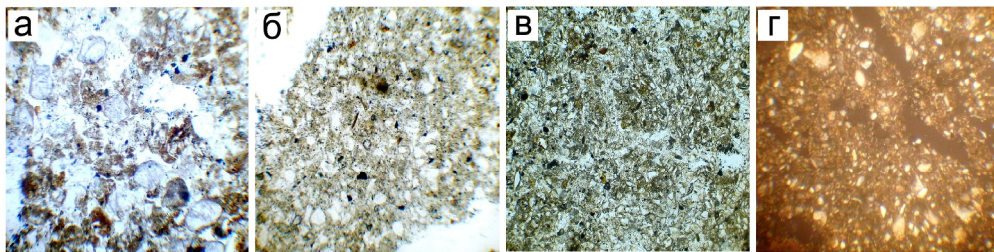


. 6.

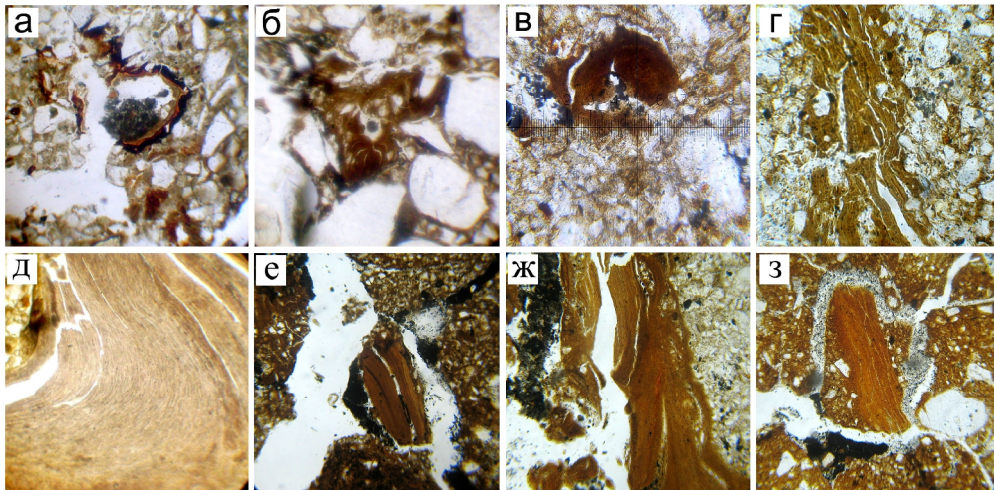
(p_{b2} ; . . . 80); –
 (p_{b2} ; . . . 100); –
 (p_{b1} ; . . . 100); –
 (p_{b1} ; . . . 400); –
 (p_{b1} ; . . . 70); –
 ($k_{d_{b1}}$; . . . 100); –
 (df_c ; . . . 140); –
 (lb_{b2} ; . . . 1) (. . . 70, . . .).

[7].

...
 ... (... .6).
 ...
 ...
 ...
 ...
 ...
 ... (... .7).
 (0,3–0,7 %)
 ... (... .1–4,5),



... .7. :
 - (...) (... 140, ...); - (...)
 (... 140, ...); - (...) (... 100, ...);
 - (...) (... 70, ... +).
 ...
 ...
 ... (... .5). - (...)
 ...
 ... (... .8). (... , ...)



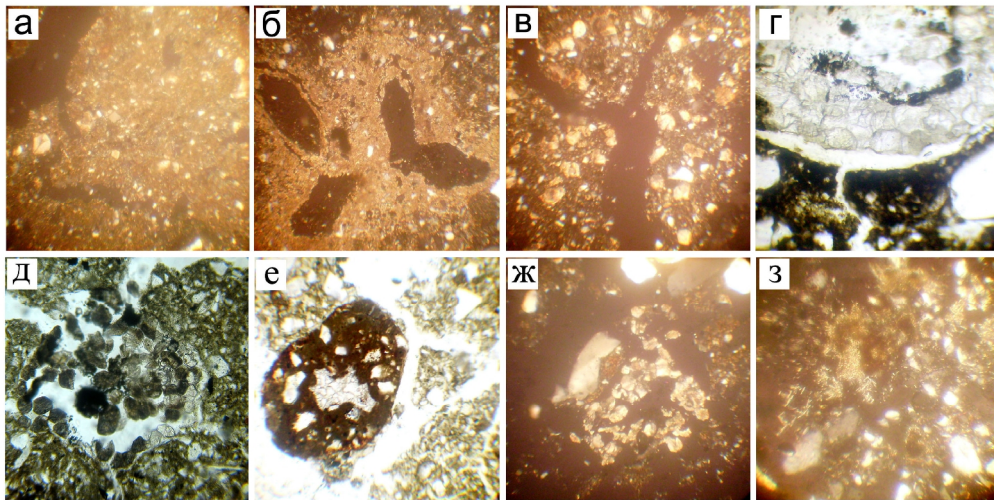
8.

(kd_a;) (. 70); -
 (kd_{b1};) (. 140); -
 (kd_{b1};) (. 400); -
 (kd_{b1};) (. 400); -
 (kd_{b1};) (. 140); -
 (zv_{b1};) (. 100); -
 (sh;) (. 100).

(. . 7,),

df_b, Pk (Ib_{b2}, pl_{b2}, pl_c),
 (. 9).

(1 %).



. 9.

— Pk (. 70, . +); — (vt_{b2};) (. 70, . +); — (vt_{b1};) (. 70, . +); — (vt_{b2};) (. 140, .); — (Ib_c;) (. 100, .); — (zv₃;) (. 70, .); — (vt_{b1};) (. 70, . +); — (pl_b;) (. 70, . +). Phk

() (. 70, . +); — (vt_{b2};) (. 140, .); — (Ib_c;) (. 100, .); — (zv₃;) (. 70, .); — (vt_{b1};) (. 70, . +); — (pl_b;) (. 70, . +). Phk

...

(zV_a)

(zV_{1b1}, mГ_{b1})
(zV_{1b2}, mГ_{b2}).

zV₃

pI_c

()

(0,5–0,85 %).

;

(),

;

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14.05.2013
17.06.2013

**ORGANIC MATTERS AND CARBONATES
IN FOSSIL PLEISTOCENE SOILS AND LOESS OF MIDDLE POBUZHYA REGION
AND THEIR PALEOGEOGRAPHICAL VALUE**

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Data on content of organic matters and carbonates in fossil of Pleistocene soils and loesses of four new cuts of quaternary deposits in the territory of Middle Pobuzhya region are given. The value of the study on content and distributing of humus and carbonates in of different age horizons of quaternary deposits for the paleogeography reconstructions of natural conditions of formation time of fossil of Pleistocene soils and loesses is ascertained.

Key words: paleogeography, Pleistocene, fossil soils, loess, organic matters, carbonates.