

[, 1986, 1990; ., 1998; , 1968, 1982, 1990; ., 2009]

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		21	-	(kr)	
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Fig. 1. Deluvial-solifluctional deposits of section of Palaeolithic site Pronyatyn.



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Fig. 2. Deluvial-solifluctional redeposition of Gorokhiv fossil soil complex (Palaeolithic site Pronyatyn II).



Fig. 3. Delluvial-solifluctional redeposition of Gorokhiv fossil soil complex (Palaeolithic site Ihrovytsya).

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- 2001 // 28. – . 225–238.
- 1986 : – 144 .
- 1980 : – 172 .
- 1968 : – 238 .
- 1982 : – 208 .
- 1990 : – 192 .
- 1973 : – 256 .
- 1975 (.) // 44. – . 52–68.
- 1975 : – 136 .
- 1998 : – 144 .
- 2007 // 11. – . 180–215.
- 2011 // 15. – . 257–279.
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***Andriy BOGUCKI, Maria ŁANCZONT,
Olena TOMENIUK, Olexandr SYTNYK***

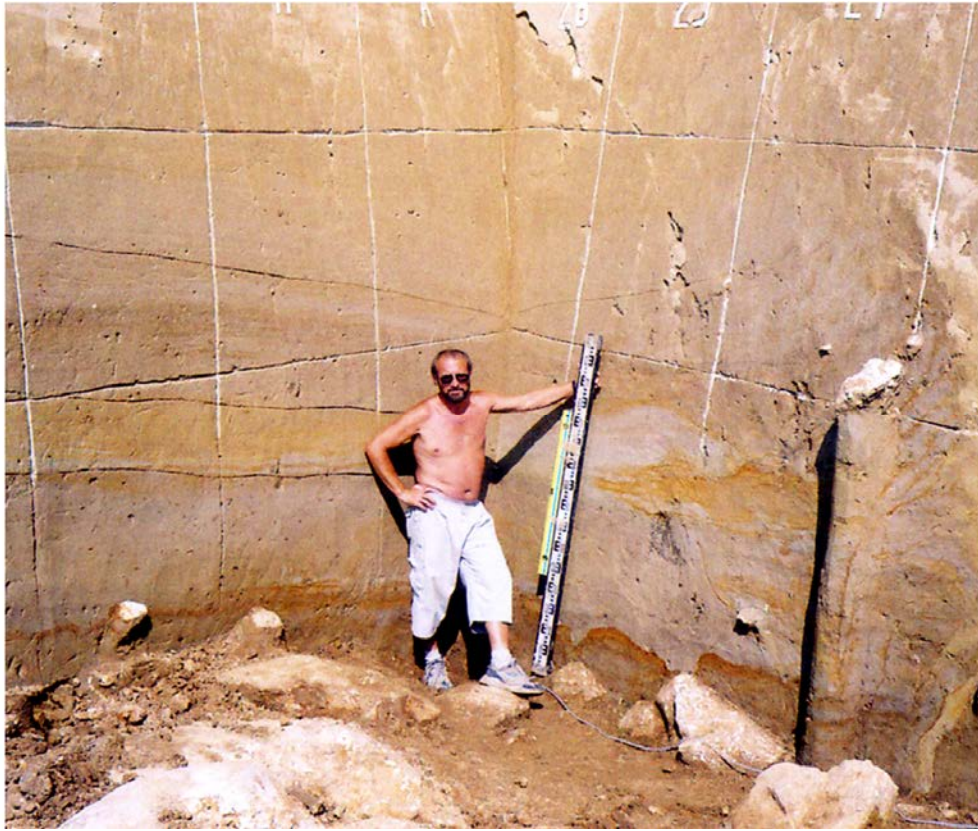
DELLUVIAL-SOLIFLUCTIONAL PROCESSES AND PROBLEMS OF REDEPOSITION AND DATING OF PALAEOOLITHIC CULTURAL HORIZONS

Conditions of peryglacial zones repeatedly appeared on the territory of Volhyn-Podillia Upland in Pleistocene. In the Upper Pleistocene four distinct paleocryogenic stages appeared there – Torchyn, Basiv-Kut, Rivne, Krasyliv ones. In the Middle Pleistocene development of four distinct

paleocryogenic stages is also found – Yarmolyntsi (manifested directly above Korshiv fossil soil complex), Ternopil (above Ternopil sub-horizon) Lanivtsi (above Lanivtsi sub-horizon) Zbarazh (in the final part of 6 MOIS). Delluvial-solifluctional processes are characterized for peryglacial zones.

The example of many Paleolithic sites from central and northern parts of Podillia Upland (Pronyatyn, Ihrovytsya, Velykyi Hlybochok, Buhliv, Koulychivka and other) shows that practically no cases of in-situ occurrence of cultural horizons of Middle and Upper Paleolithic on these sites is not reported.

It is proved that the delluvial-solifluctional processes cause redeposition of cultural horizons, which are usually were formed early, mainly on the final stages of interglacial, interstadial or interphaze soil. This fact must be considered when interpreting of concrete material, especially of dates of absolute dating of Pleistocene sediments.



15* 2007

Photo 15. Velykyi Hlybochok I. Excavation area I. 2007. Well recognizable solifluction deposits over Korshiv horizon in the lower part of the section. Standing O. Sytnyk.



16. 4. 2010

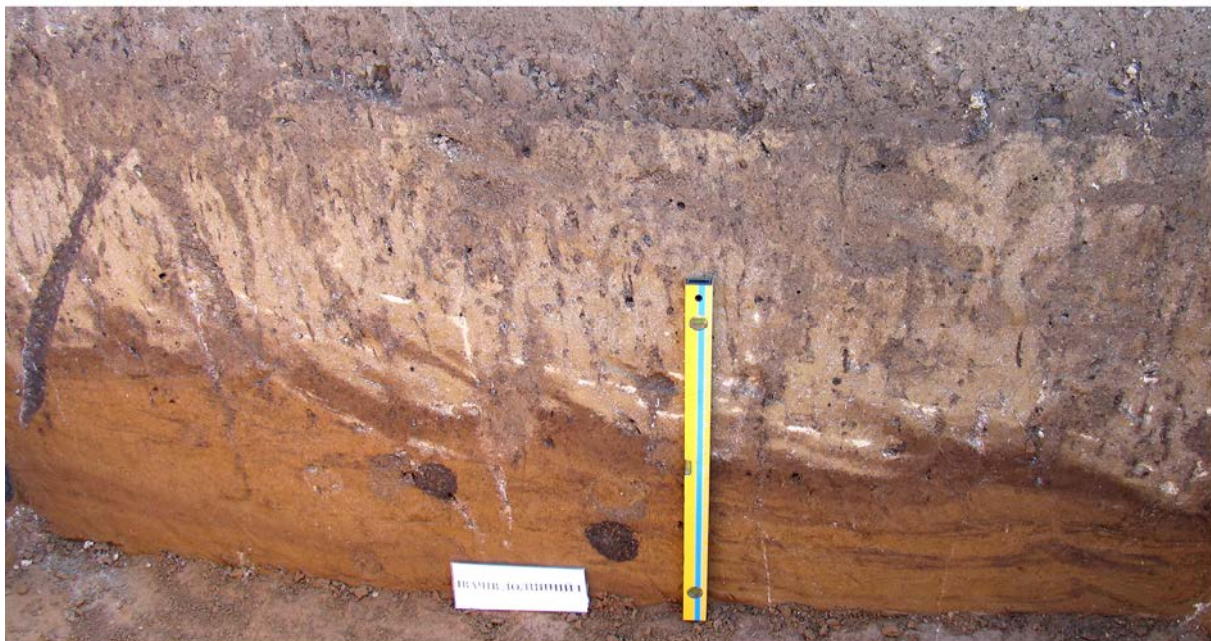
Photo 16. Pronyatyn. Excavation area I. Section 4. 2010. Below – solifluction deposits over Horokhiv horizon.

* 15–18
Photo 15–18 to article of A. Bogucki et al.



17. . 2010 . ,

Photo 17. Ihrovytsya I. Excavation area I. 2010. Solifluction deposits over Horokhiv horizon with Neogene sands below it.



18. . 2006 .

Photo 18. Ivachiv Dolishniy I. Survey pit I. 2006. Traces of solifluction over Horokhiv horizon.