

551.4 (477.81)

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(SL- ).

(SL- ),

[1–3].

[2].

[6]. [6] [2]

[8].

[4].

... [2].

... [2].

... [2].

... ( - 3-4, - 5 ),

... [3, 5].

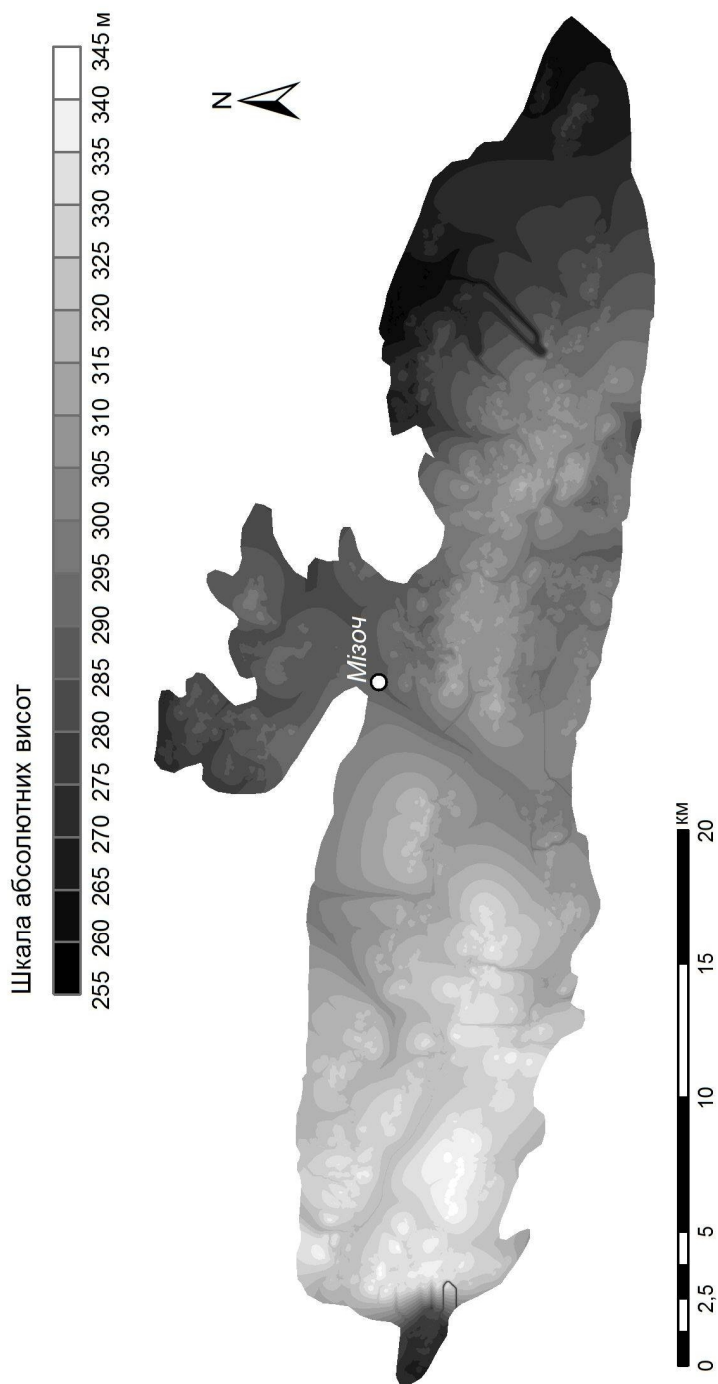
ArcGIS 10.1 ... 2°. [11]

( ... ) ( ... .1).

gradient index, SL). (stream- [10].

[13, 14].

[9].



. 1.

$$SL = \frac{\Delta H \times L}{\Delta L},$$

$H$  – ;  $L$  – ;  $L$  –  
[10].  
 $SL$

1:10 000.

[15].

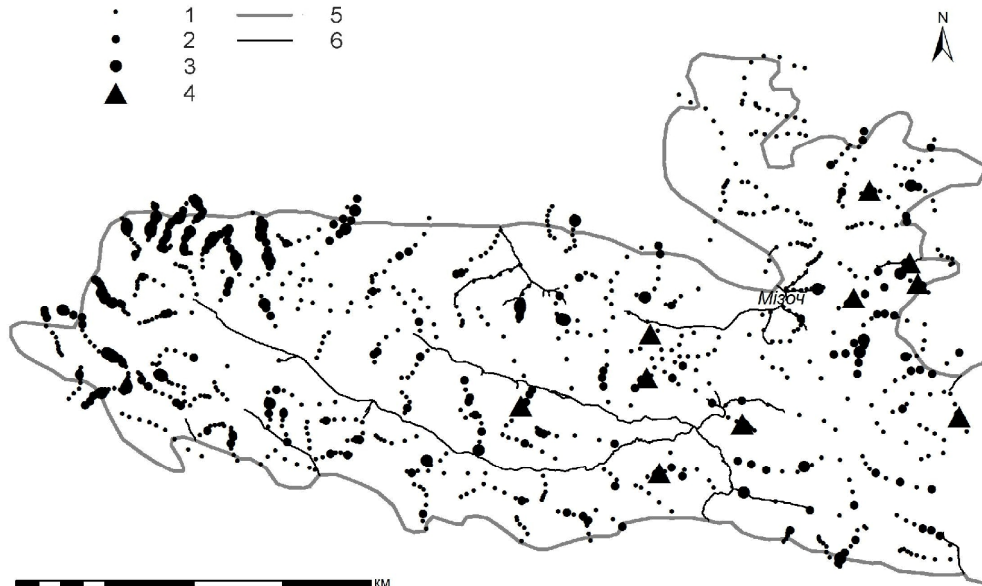
1031

$SL$

129

1 2) ( . 2).

- |   |   |   |   |
|---|---|---|---|
| • | 1 | — | 5 |
| • | 2 | — | 6 |
| • | 3 |   |   |
| ▲ | 4 |   |   |



. 2.

$SL$ -

$SL$ : 1 – 0–40; 2 – 40,1–70; 3 – 70,1–100;  
4 – 100,1–200; 5 – ; 6 –

15 %





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### MORPHOTECTONICS OF MYZOTSKA UPLAND

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The aim of this work is the interpretation results of morphotectonic analysis of Myzotska Upland for investigation its neotectonic history and identifying regional morphotectonic differences. We used planed surface reconstruction method and stream gradient index (*SL* index). We recognized that Myzotska Upland consist of several blocks with differentiated neotectonic movements. Northwest and western ledges of upland have tectonic origin but northeast, northern and southern ledges have erosional origin. Northern and eastern parts have tectonic structure that more similar to Rivnenska Upland than to other territories of Myzotska Upland. Parts of Myzotska Upland have similar geomorphological structure but different tectonic history.

*Key words:* morphotectonics, neotectonic movements, stream gradient index (*SL* index), faults, planed surfaces, Volynska Upland, Myzotska Upland.