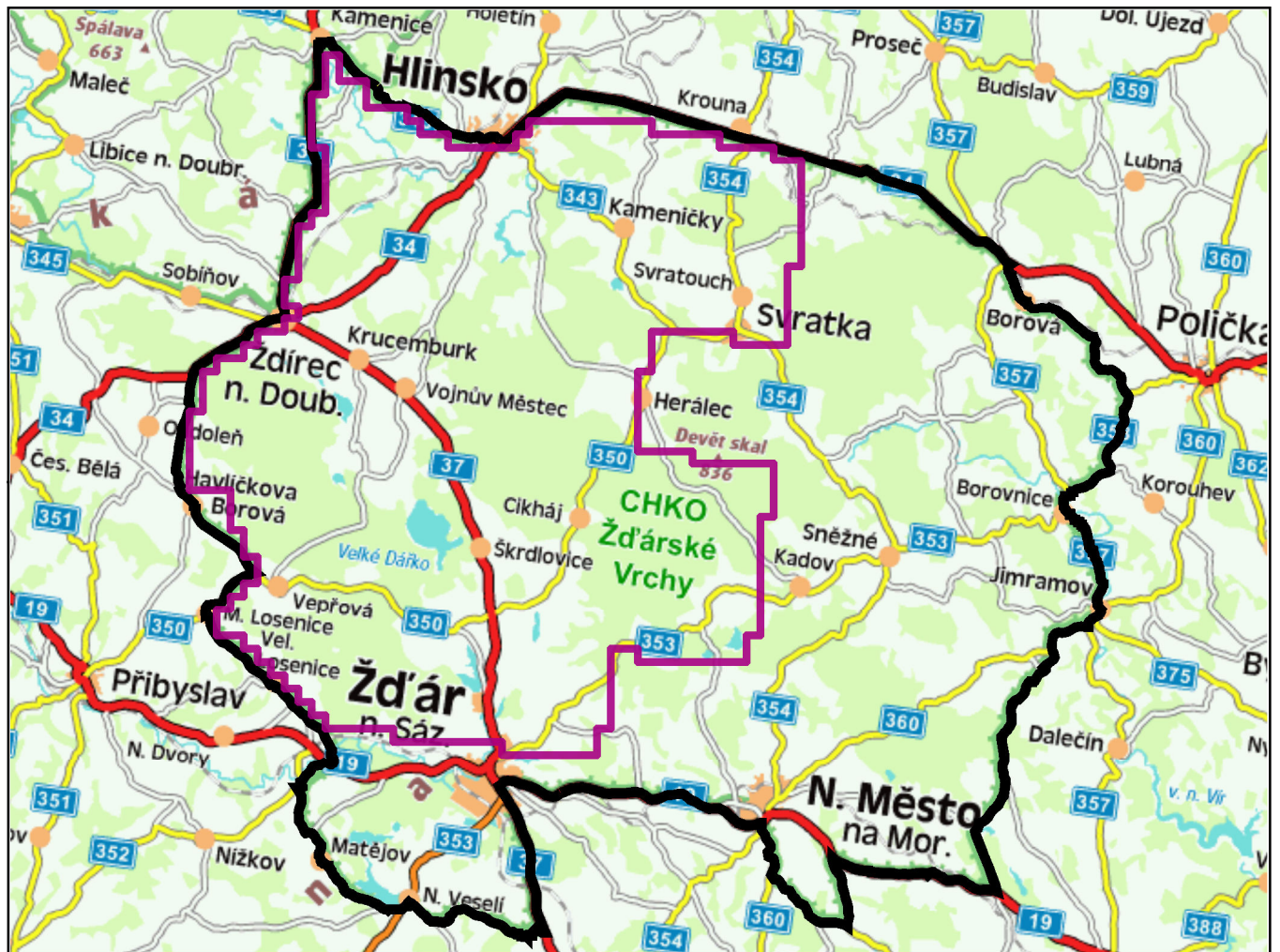


INFLUENCE OF NEAR-NATURE HABITATS ON VALUES OF PATCH DENSITY INDEX

PETRA ŠÍMOVÁ



ANNOTATION:

The map collection falls under results of multiyear research focused on influence of input geodata on results of analyses of landscape fragmentation. Individual maps represent landscape fragmentation of the Žďárské vrchy Protected Landscape Area, described by Patch density index (PD) in two levels of thematic resolution. At the first level, only main classes of land cover (defined in the ZABAGED dataset) were included. Rare habitats obtained from layers of Natura 2000 habitat mapping were added to ZABAGED classes at the second level. The index values were computed using Python script for ArcGIS 9.3.

Input data: ZABAGED (CUZK), Natura 2000
Data processing and design of maps: (C) Šímová, P.

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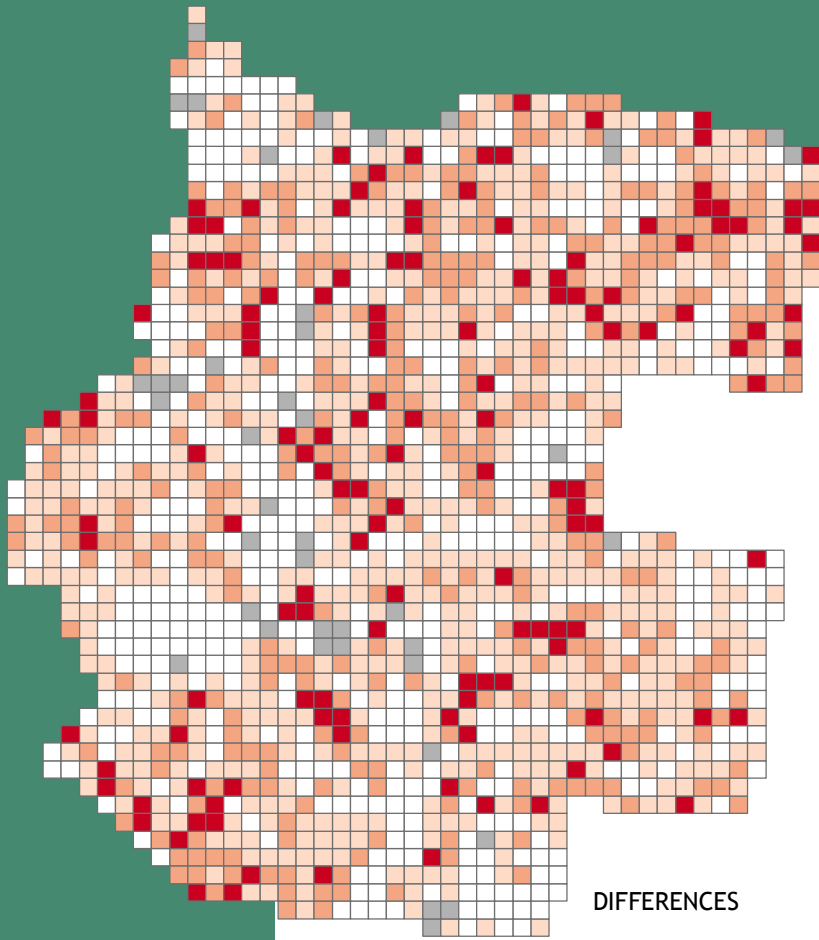
simova@fzp.czu.cz

2011

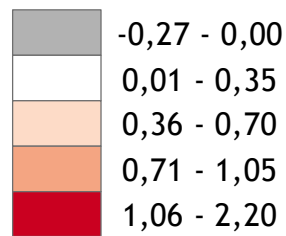
Acknowledgements

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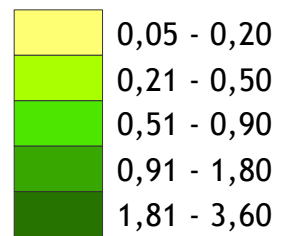
INFLUENCE OF NEAR-NATURE HABITATS ON VALUES OF PATCH DENSITY INDEX (PD)




Differences between
values of PD
(Natura - Zabaged)



Values of PD
(Patches per Ares)



 Study area

<i>PD</i>	ZAB	NAT	DIFF.
MIN	0,05	0,05	-0,27
MAX	2,21	3,56	2,16
MEAN	0,37	0,92	0,54
ST.DEV.	0,25	0,49	0,37

