

COLOUR APPENDIX

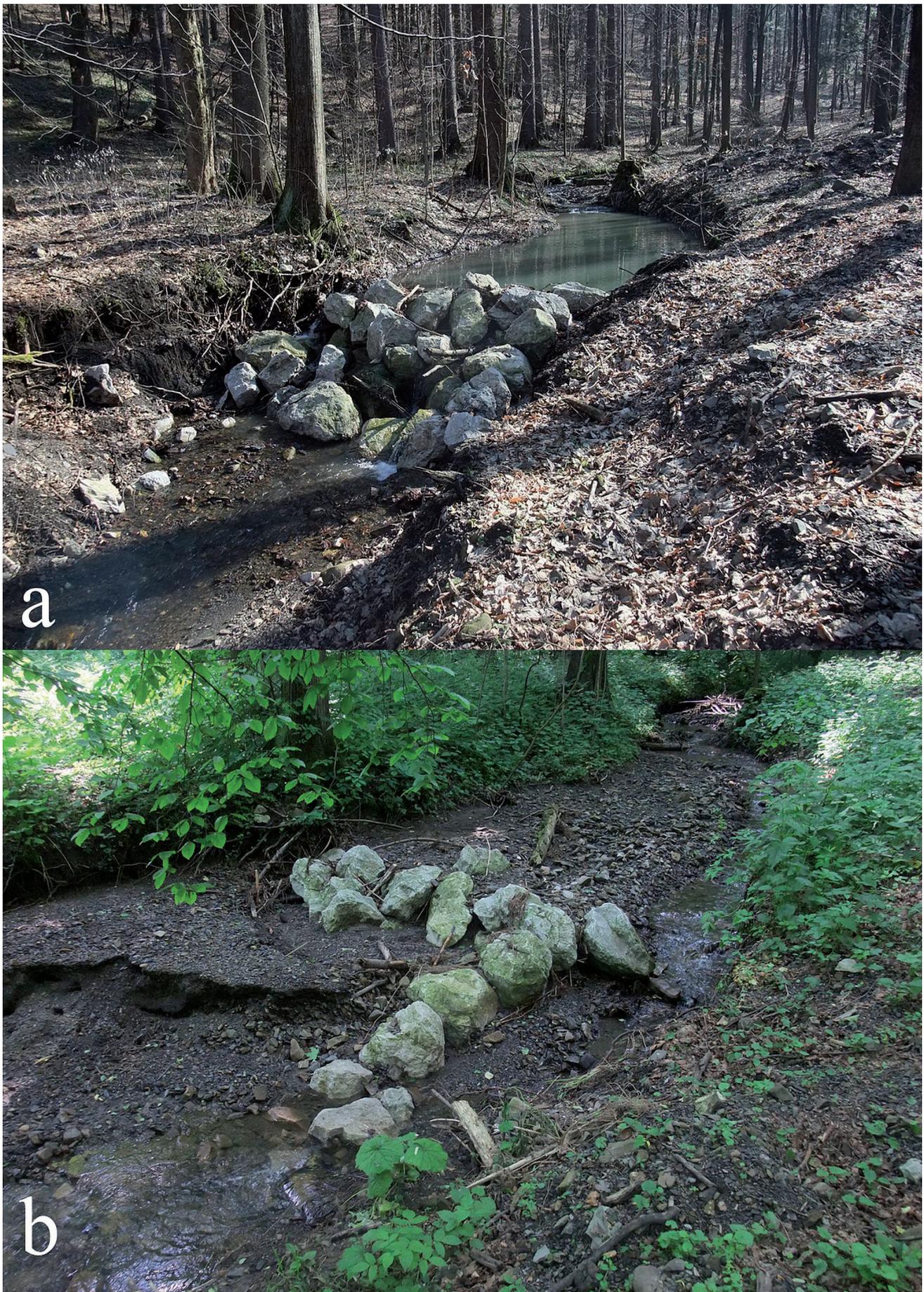


Fig. 1 Check dam at 1.7 river km of Libotínský potok – a) before the 5/2010 flood, b) after the 5/2010 flood



Fig. II Evidence of erosional processes after 5/2010 flood culmination (Malá Ráztoka, Moravskoslezské Beskydy Mts)

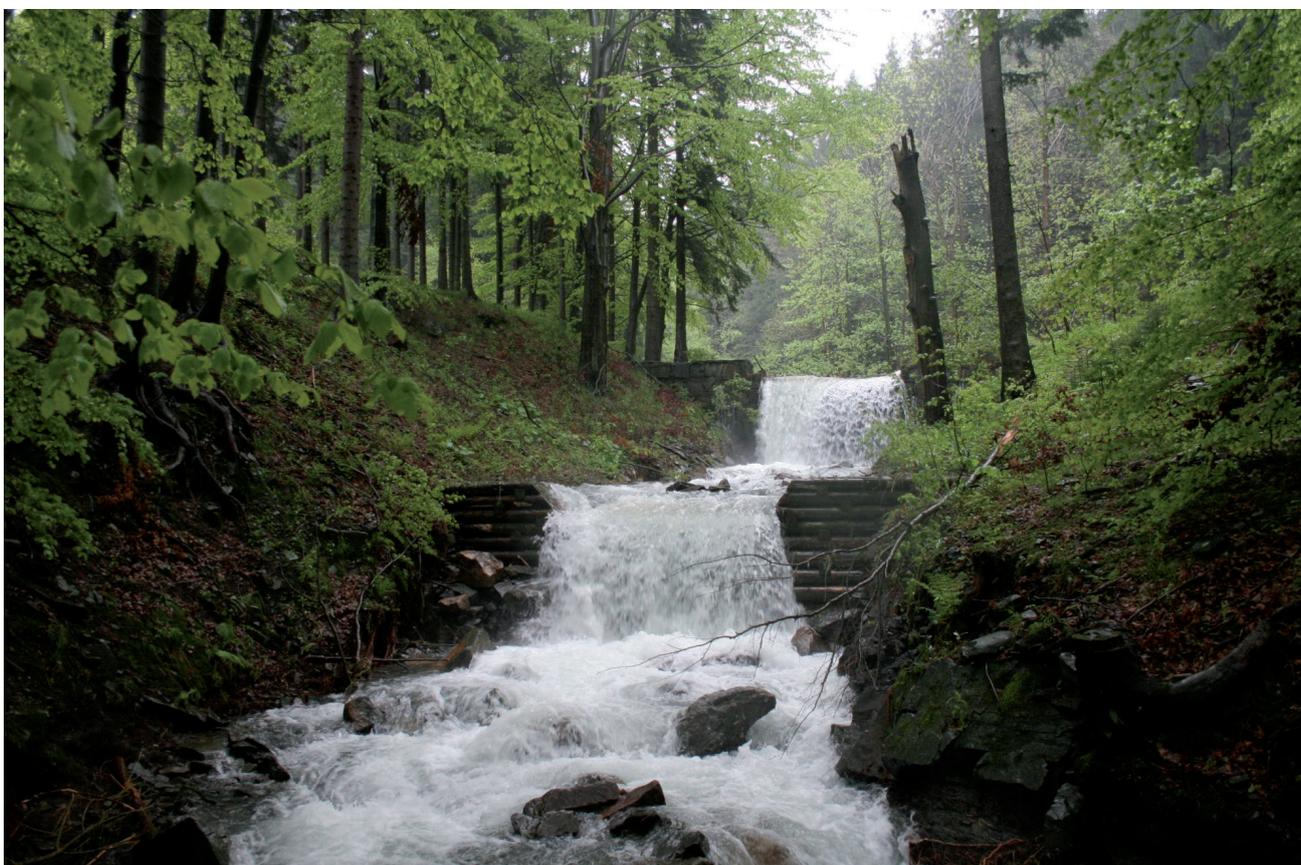


Fig. III Bankfull discharge (c. $1 \text{ m}^3 \text{ s}^{-1}$) observed in Malá Ráztoka basin about 24 h after 5/2010 peak flood discharge

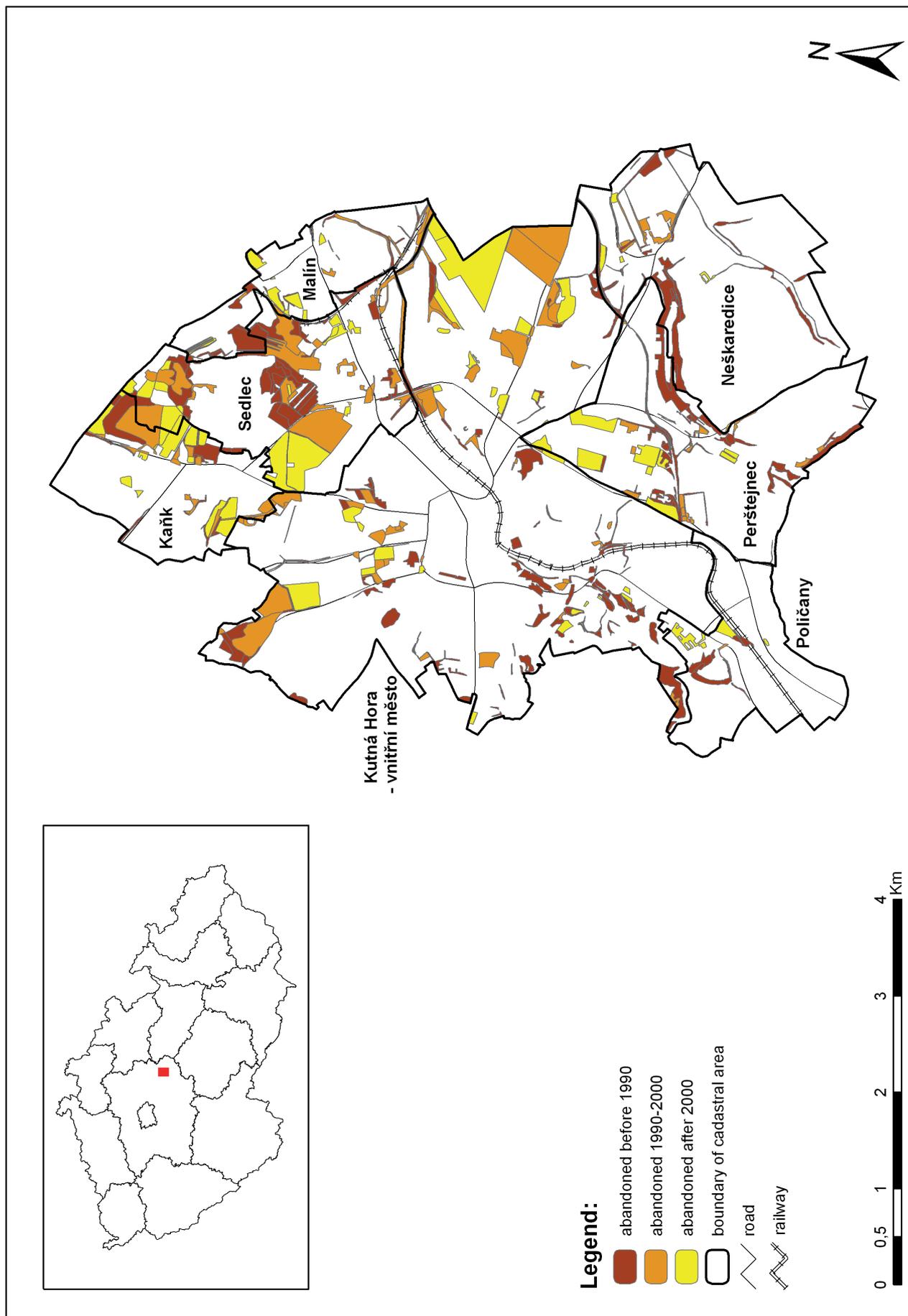


Fig. IV Abandoned and unused lands in the administrative district of the town Kutná Hora after the age

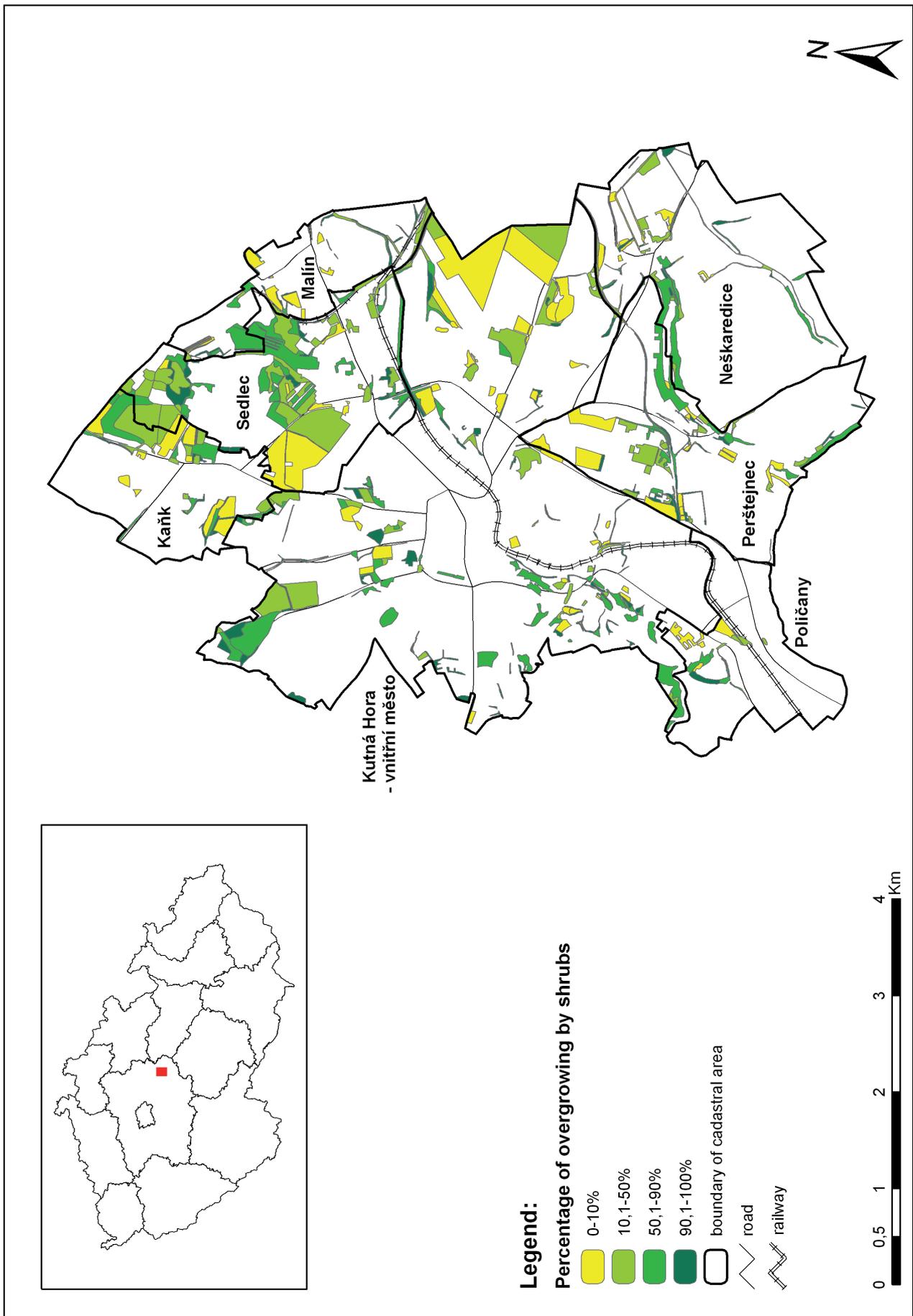


Fig. V Abandoned lands according to the stage of overgrowing by shrubs

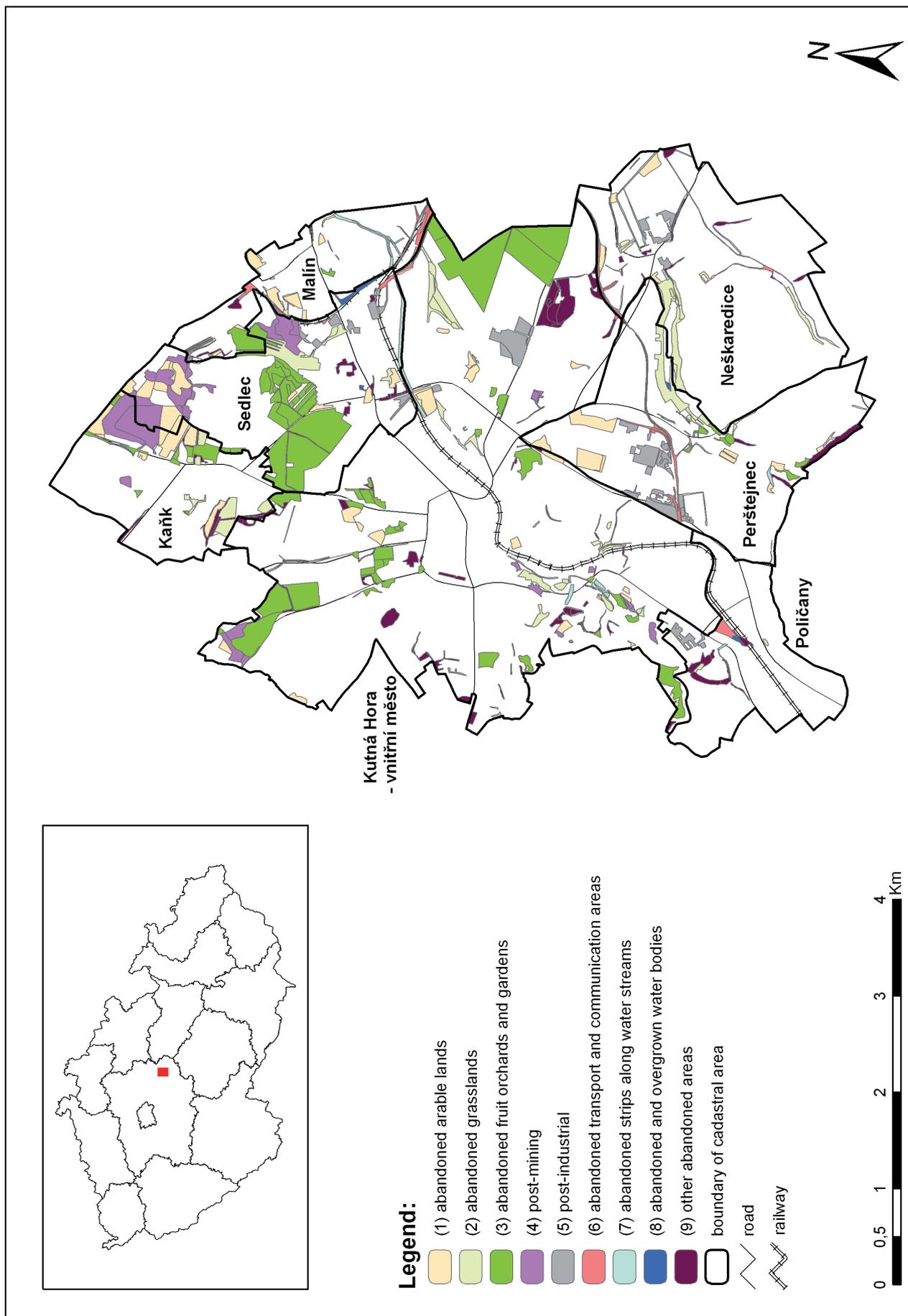


Fig. VI Abandoned lands after their origin (genetic criterion)

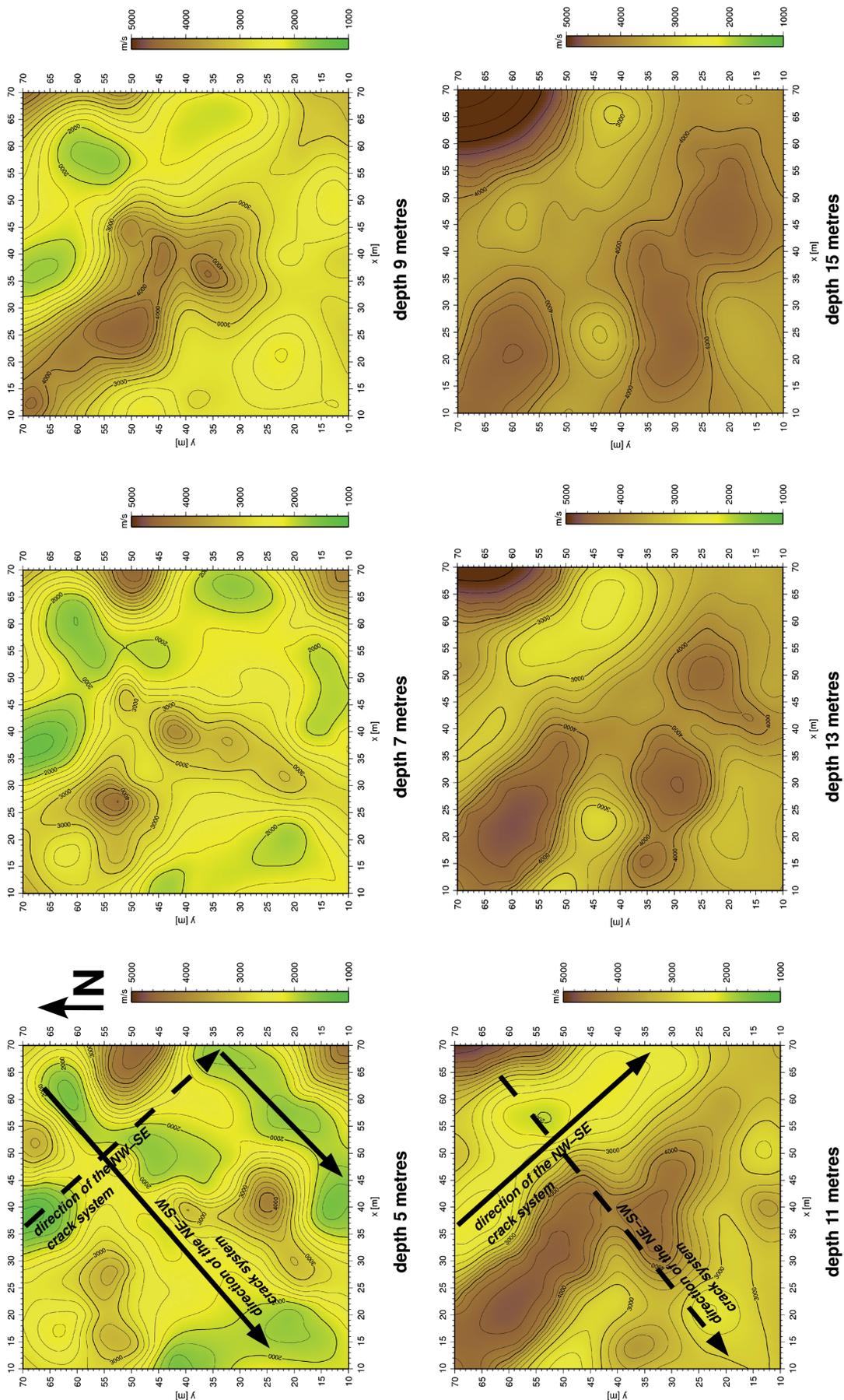


Fig. VII Travel time tomography. Slices at different depths. It is clearly evident that both fracture systems are sub-vertical. The NE-SW fracture system fades with depth, but overrides the NW-SE fracture system at shallow depths