## Denár Břetislava III. Jindřicha nalezený u Mšena

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## Denier of Břetislaus III Henry found near Mšeno

A rare denier struck under Břetislaus III Henry (1193–1197) of the Cach type no. 648 found in field near Mšeno in central Bohemia has been examined via non-destructive methods of EDS (Energy Dispersive X-ray Spectroscopy) and SEM (Scanning Electron Microscopy). The mentioned analyses were expected to reveal original fineness of the coin. Results of the analyses did not correspond with previous assumption that the coin was produced in the contemporary standard way, i.e. struck on flan of lower fineness and later modified via bleaching. Based on results of the EDS and SEM analyses, most likely, technology of silver plating of a copper flan was used. The mentioned findings only better describe decline of the Bohemian coinage at the end of the 12th century.

- denier; find; Břetislaus III Henry (1193–1197); Mšeno (Mělník district) [CZ]; "Mítkovský mlýn"
  - Zářecká Lhota land register (Ústí nad Orlicí district) [CZ]; analysis; SEM; EDS.
- denár; nález; Břetislav III. Jindřich (1193–1197); Mšeno (okr. Mělník); "Mítkovský mlýn" k. ú. Zářecká Lhota (okr. Ústí nad Orlicí); analýza; SEM; EDS.