



# Metody rekonstrukce hospodářského života a ekonomiky

# Hospodářský život a ekonomika

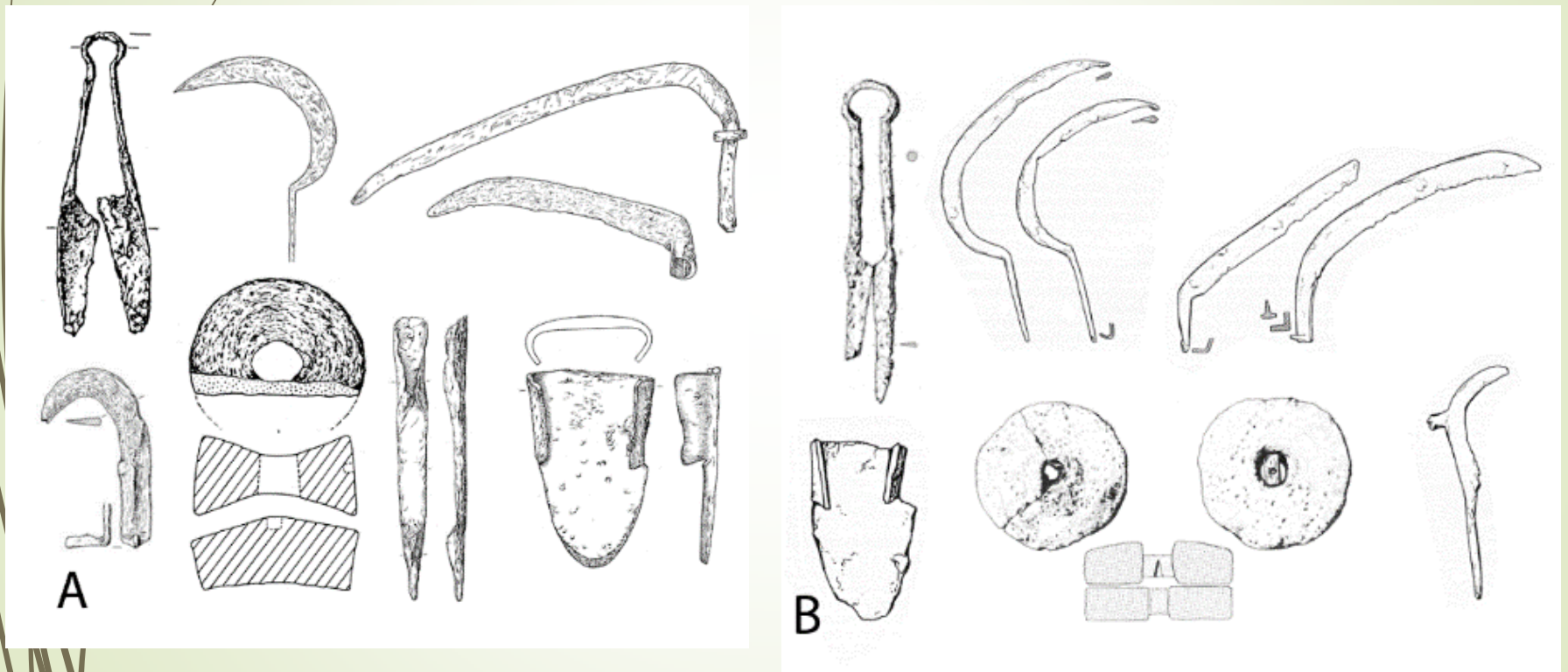
## Zemědělství

- ▶ Archeologie
  - ▶ Zemědělské nástroje
  - ▶ Stopy orby
- ▶ Paleobotanika
  - ▶ Pěstované plodiny
  - ▶ Plevely
  - ▶ Rekonstrukce PP
  - ▶ Tafonomické procesy – typ hospodaření
- ▶ Palynologie
  - ▶ Rekonstrukce PP
- ▶ Zooarcheologie
  - ▶ Chov X Lov
  - ▶ Řeznictví
  - ▶ Spotřeba X Distribuce

## Řemesla a obchod

- ▶ Archeologie
  - ▶ Nástroje
  - ▶ Kontakty X Obchod
- ▶ Numismatika
  - ▶ Význam mince
  - ▶ Obchod X Výpalné
- ▶ Metalografie
  - ▶ Kvalita
  - ▶ Výroba X
- ▶ Geografie
  - ▶ Distribuce a mechanismy

# Zemědělské nástroje



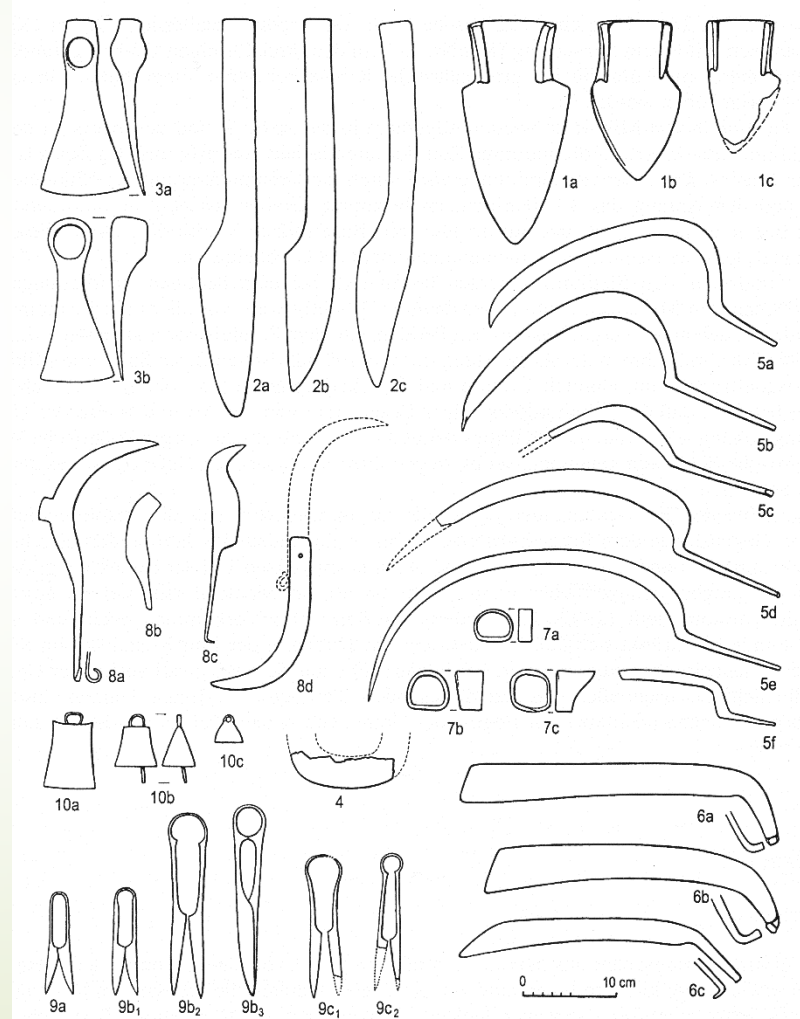
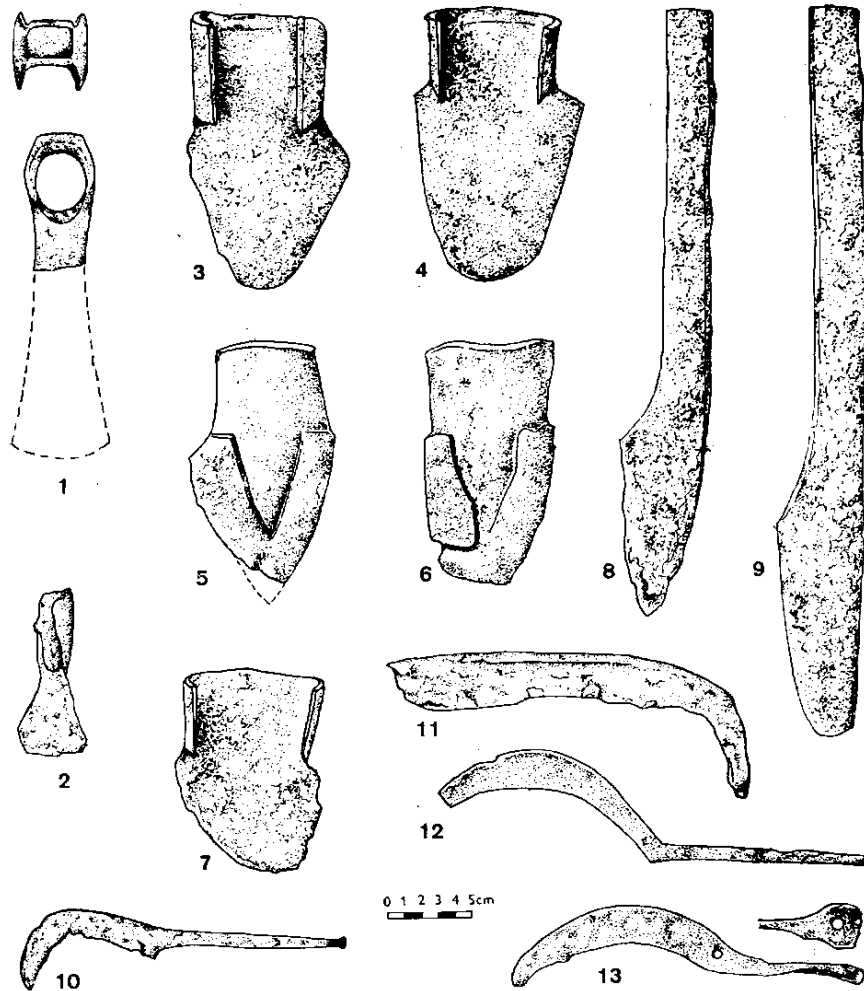
Late Iron Age (A) and Early Medieval (B)  
(Danielisová – Mařík 2012)

...poměrně řídký výskyt zemědělských nástrojů,  
které byly na Pohansku **spíše vyráběny, než**

**používány...**

Pohansko u Břeclavi

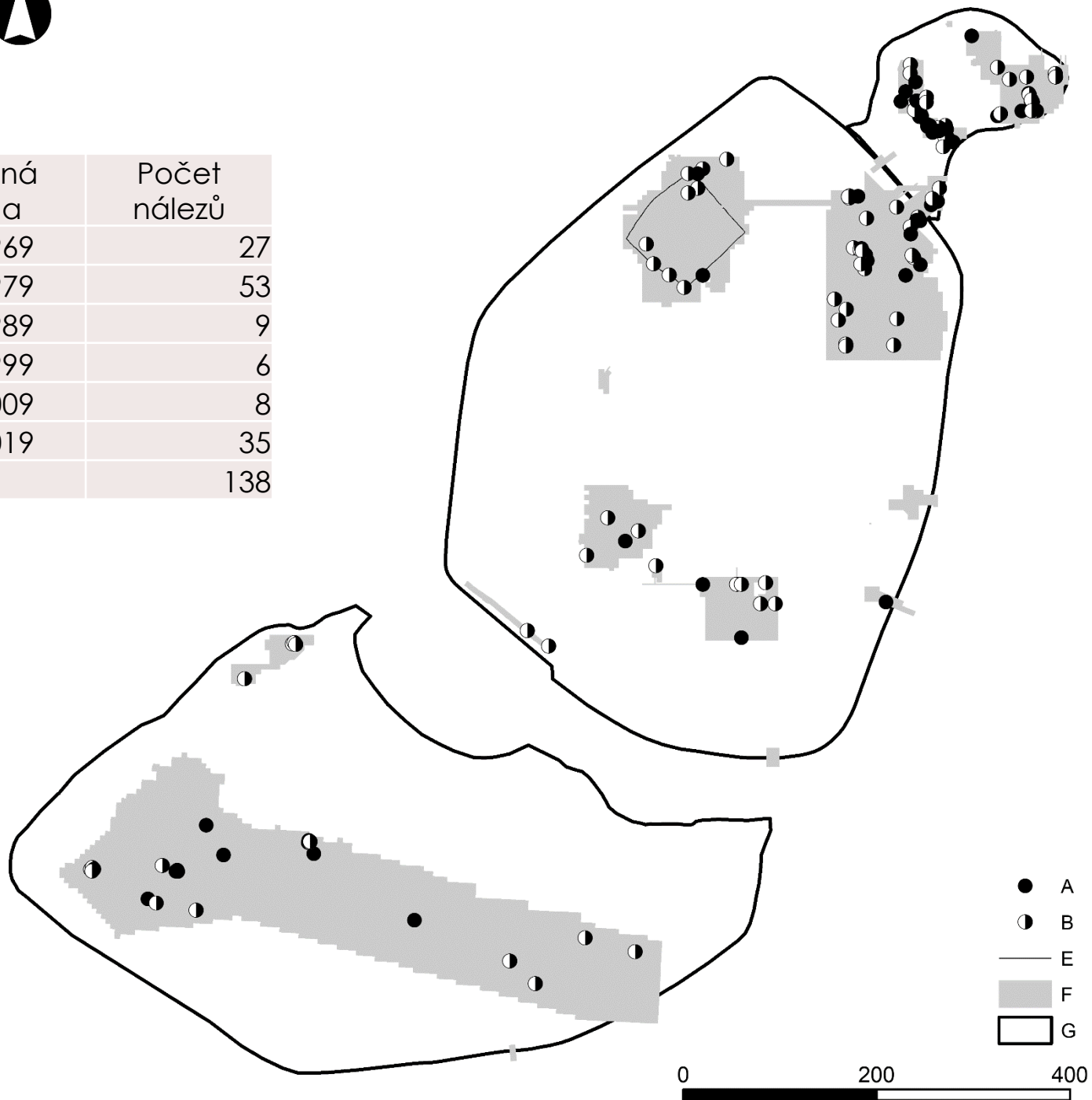
Valy u Mikulčic





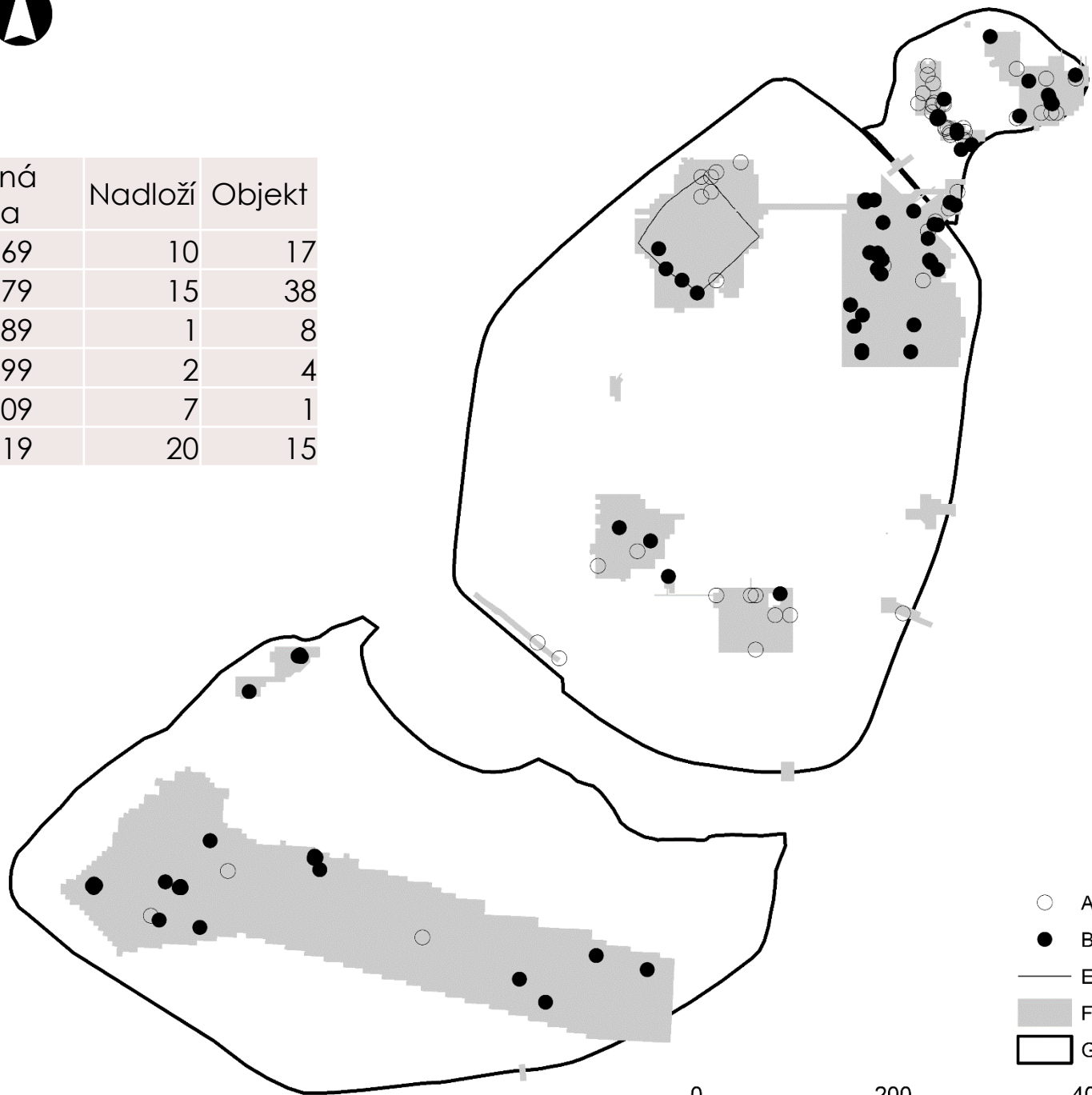


Výzkumná dekáda	Počet nálezů
1959-1969	27
1970-1979	53
1980-1989	9
1990-1999	6
2000-2009	8
2010-2019	35
$\Sigma$	138



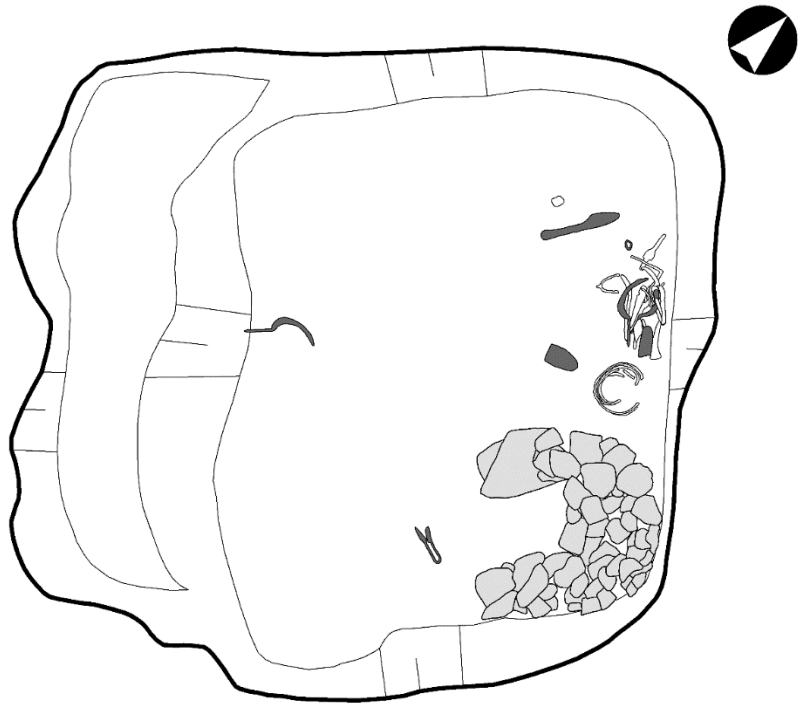


Výzkumná dekáda	Nadloží	Objekt
1959-1969	10	17
1970-1979	15	38
1980-1989	1	8
1990-1999	2	4
2000-2009	7	1
2010-2019	20	15



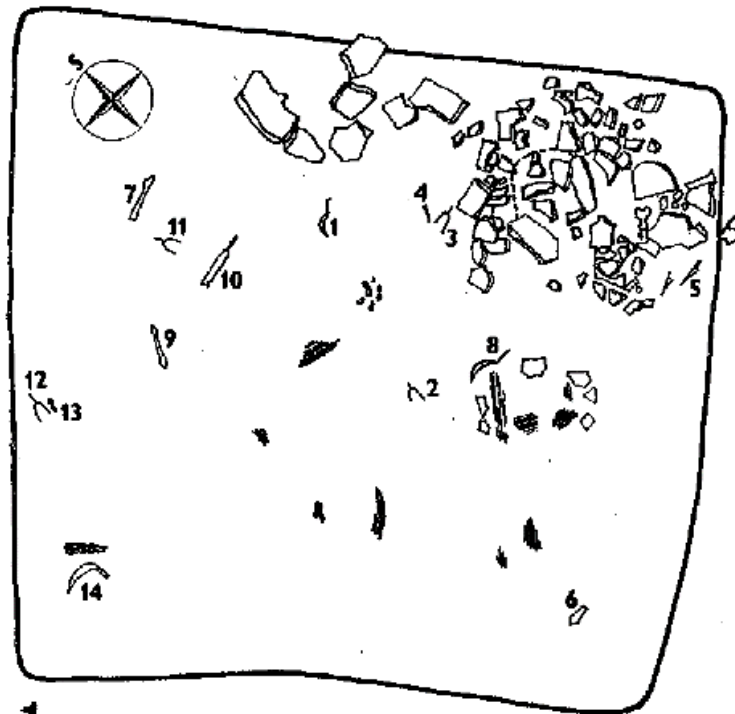
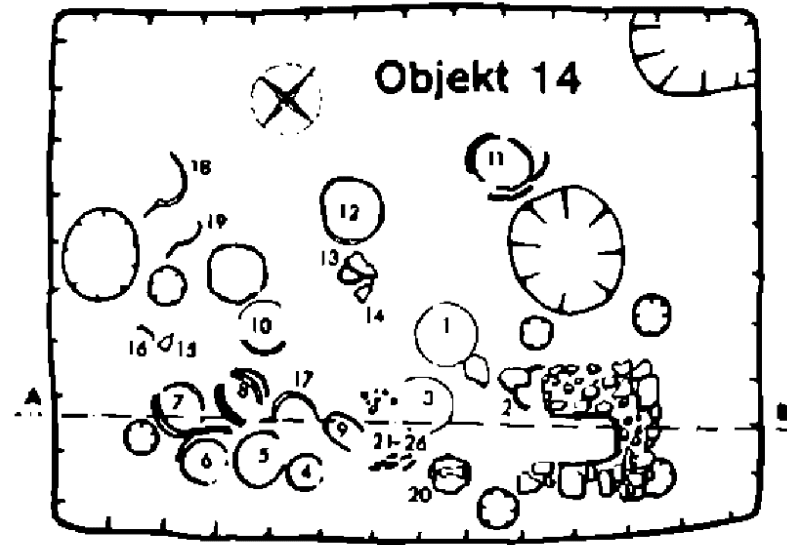
- A
- B
- E
- F
- G

0 200 400

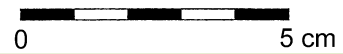
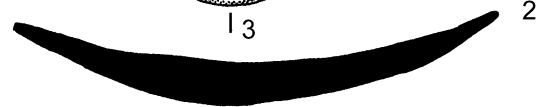
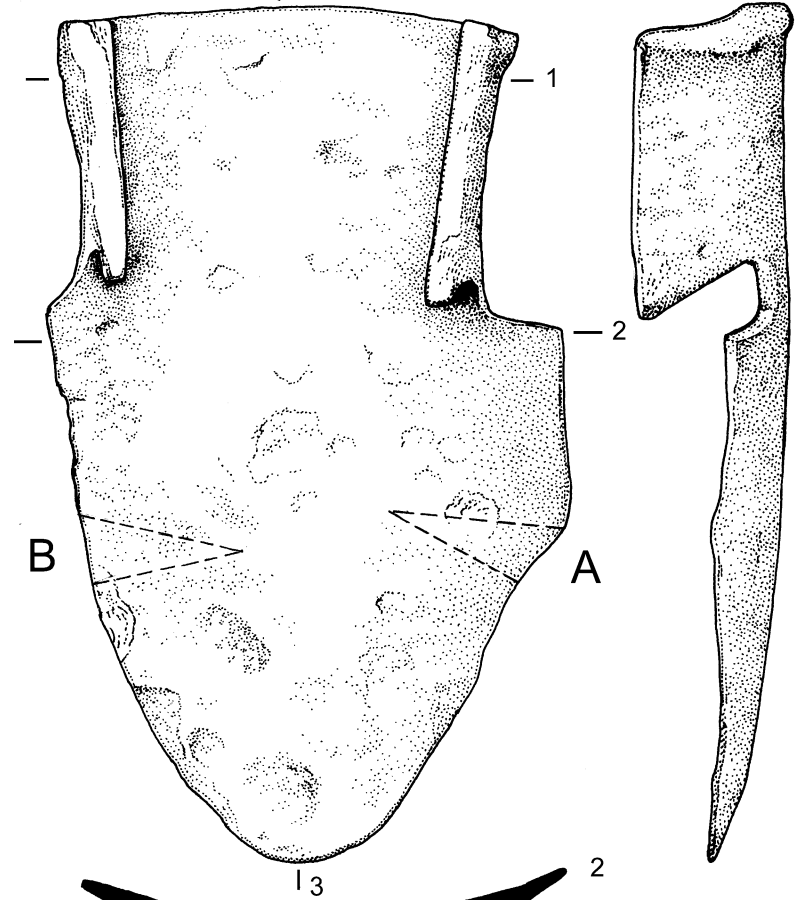
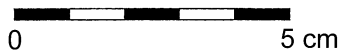
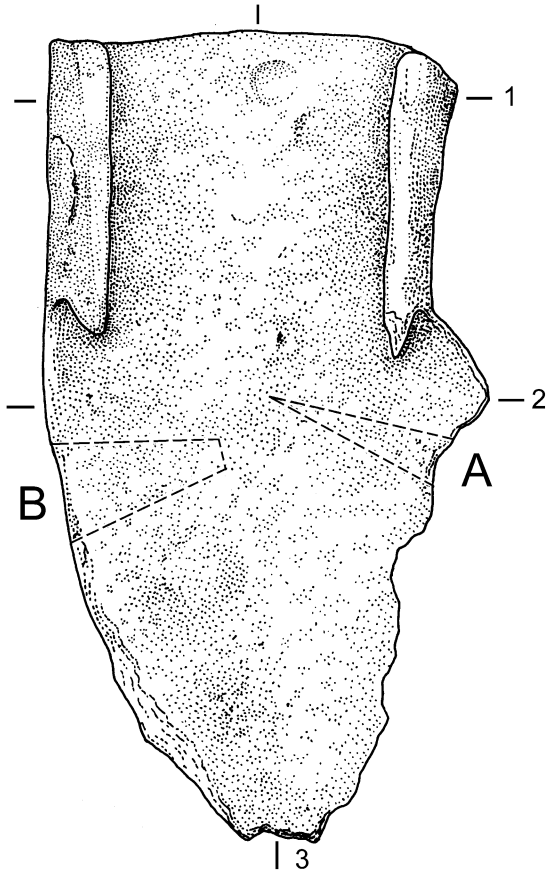


A
  B
  C
  D
  E

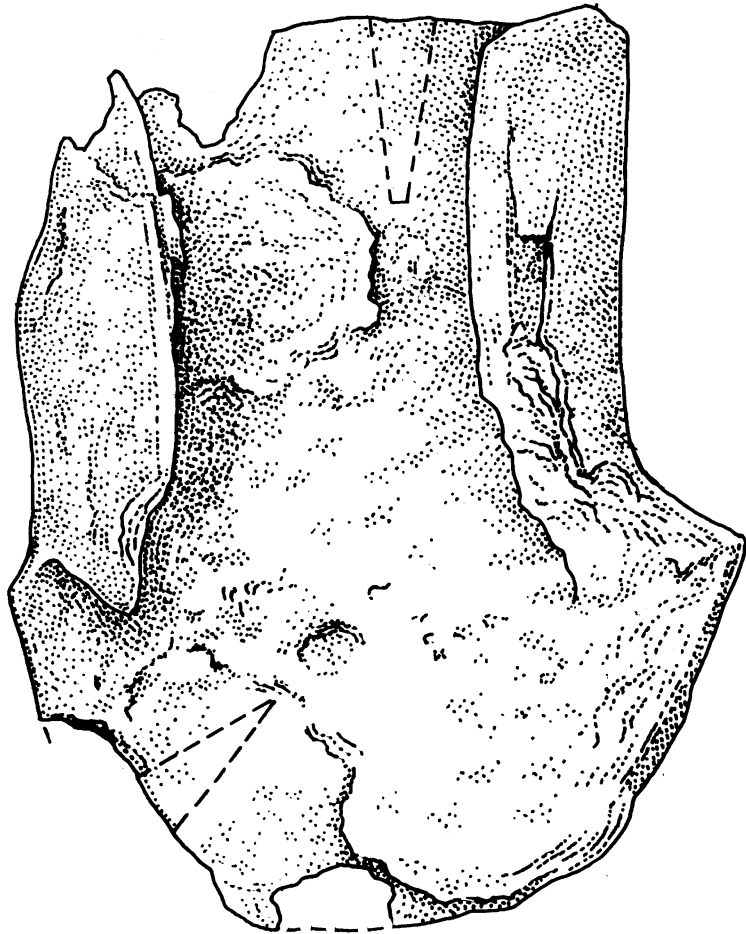
0 0,5 1m



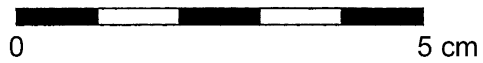
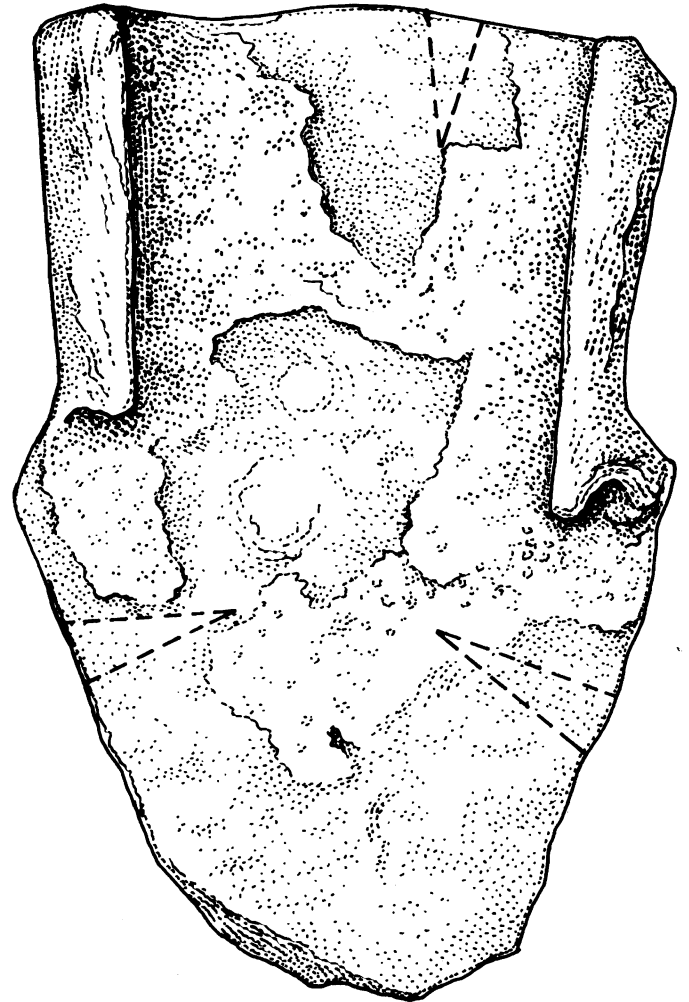
1



P220955

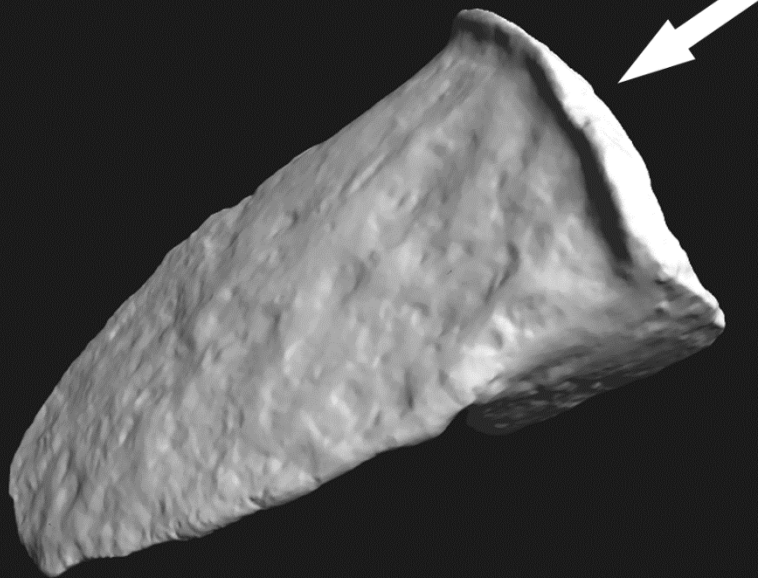


P233356

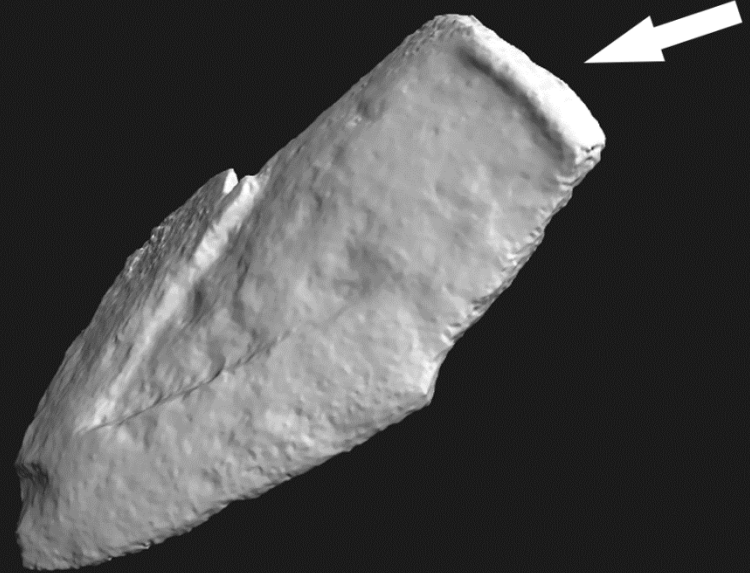




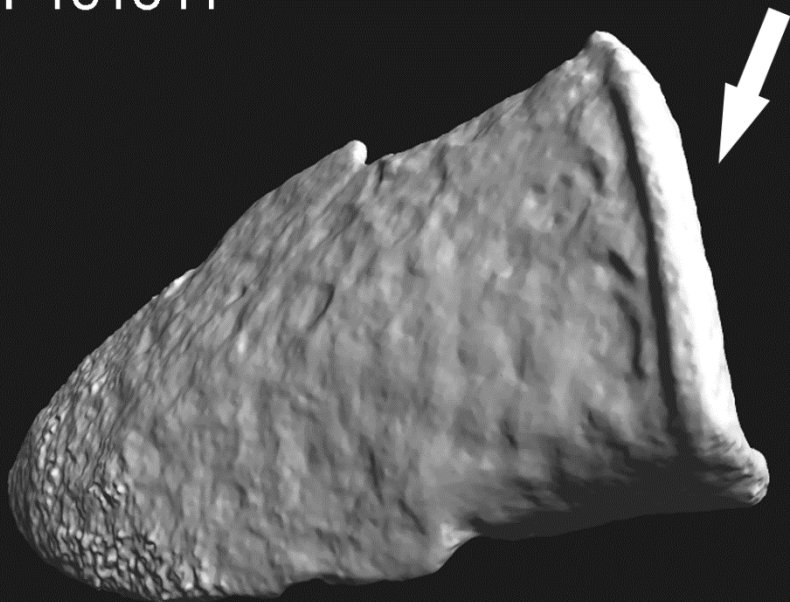
P092091



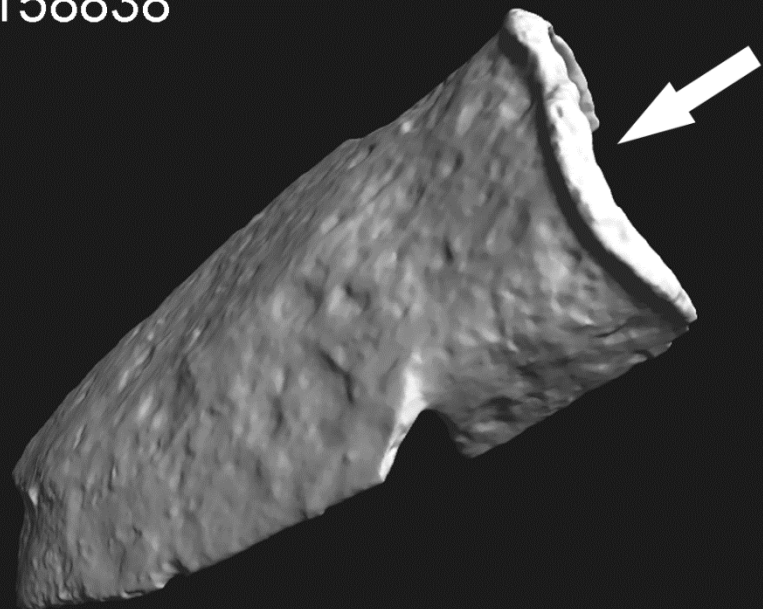
P146135



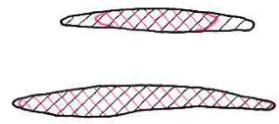
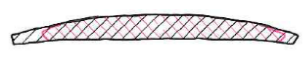
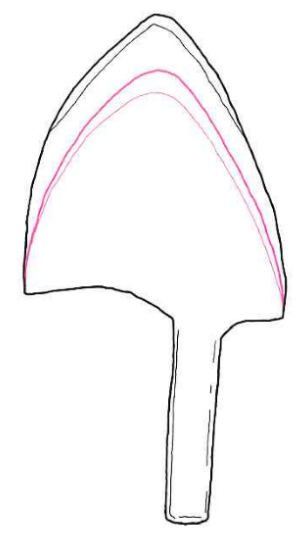
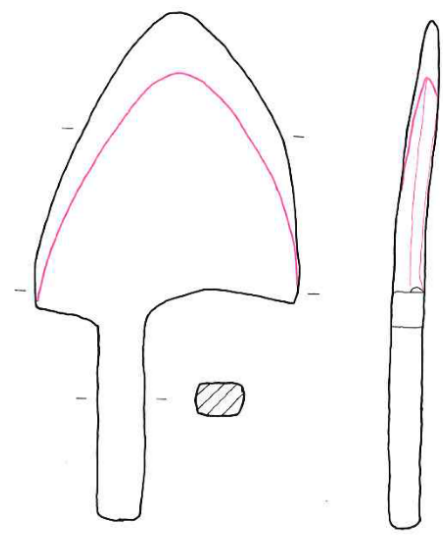
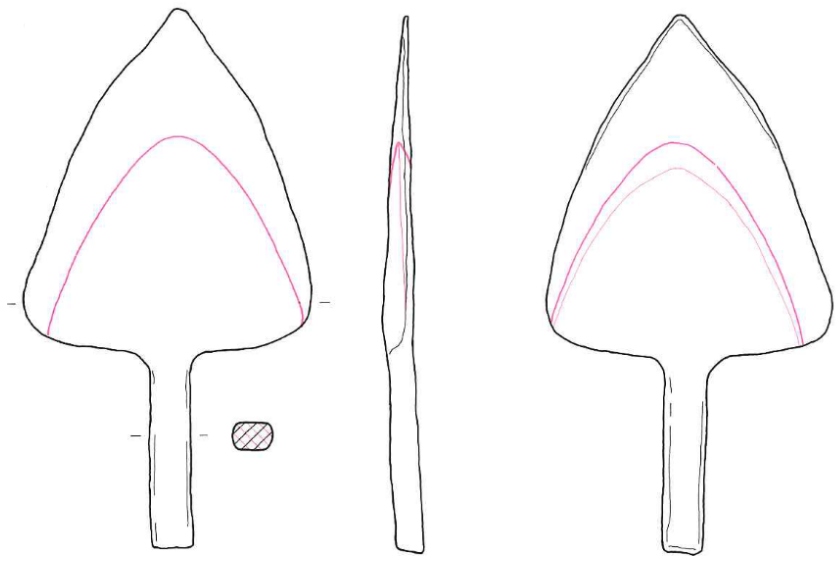
P151841

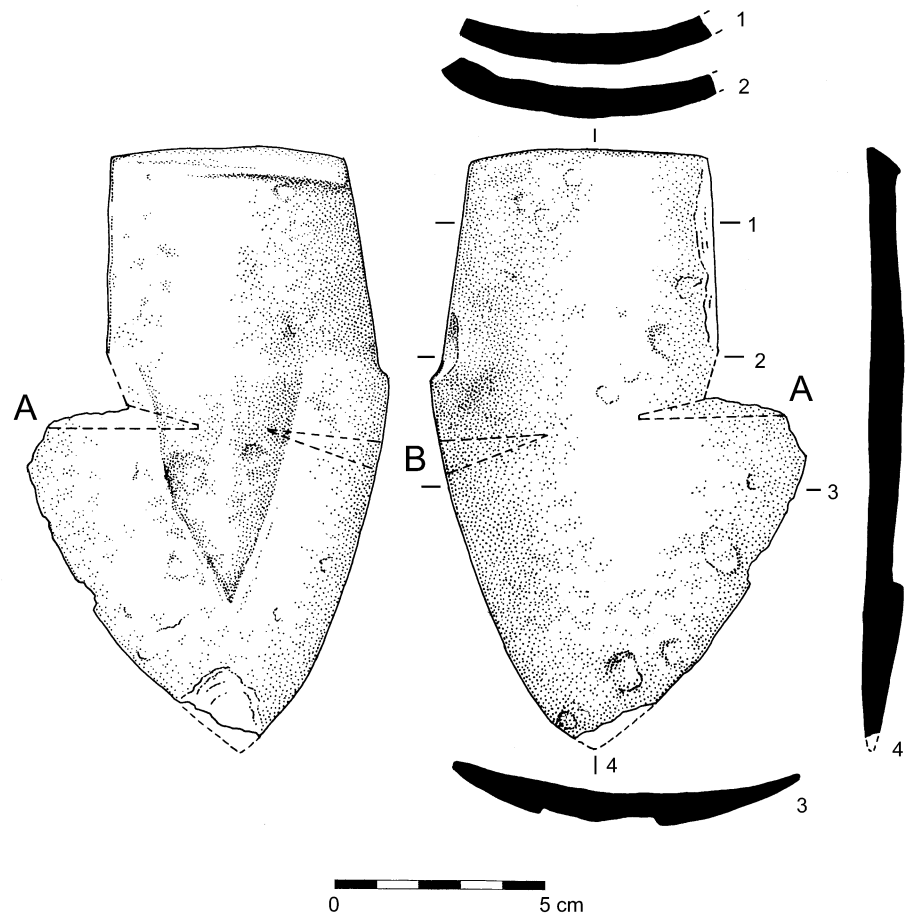
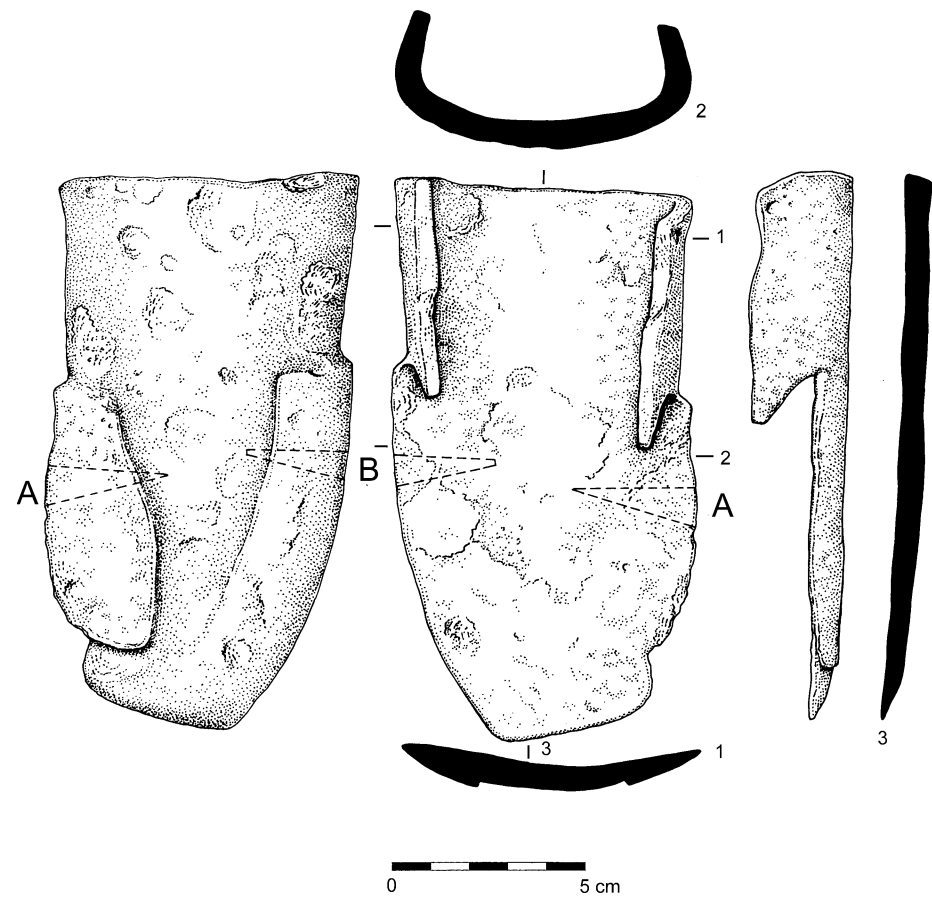


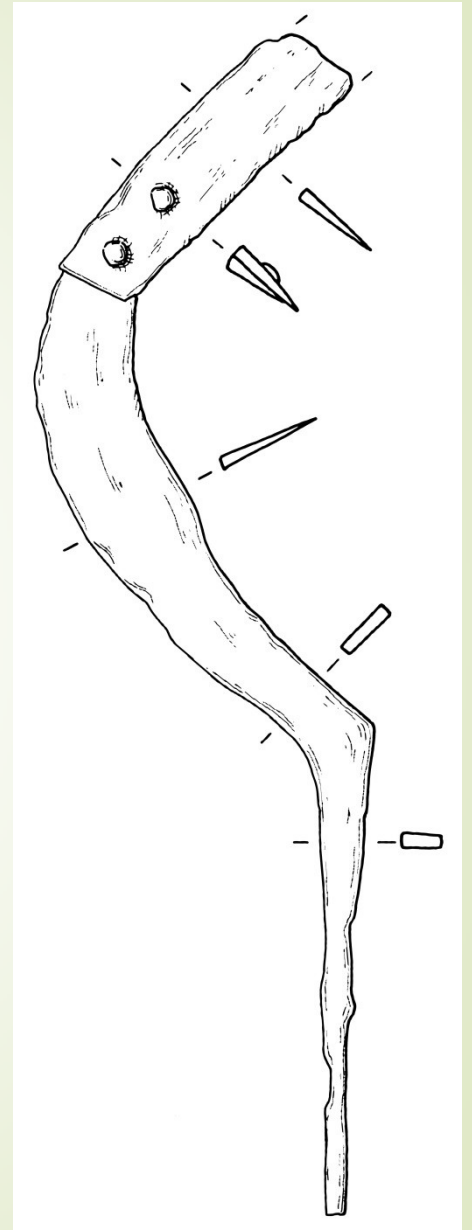
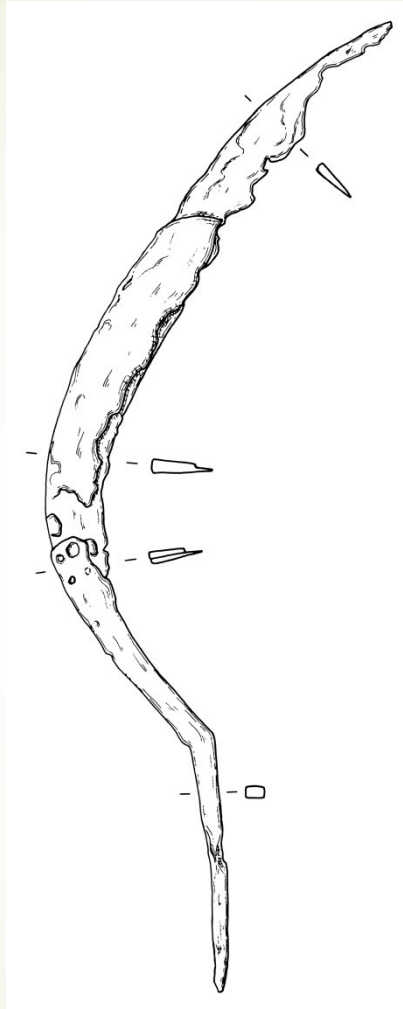
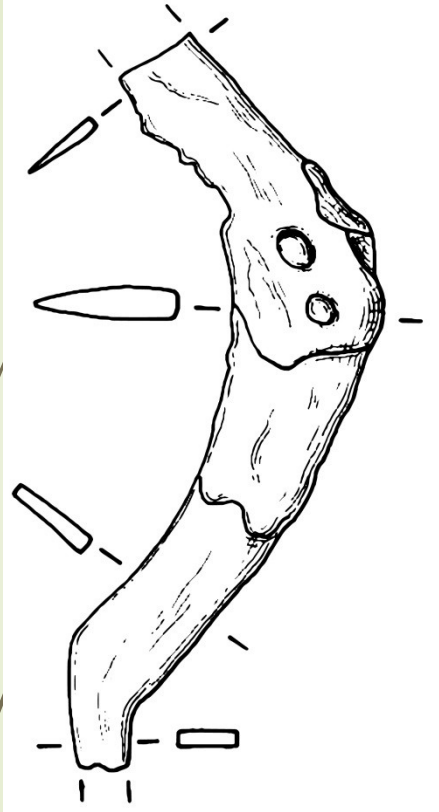
P158838

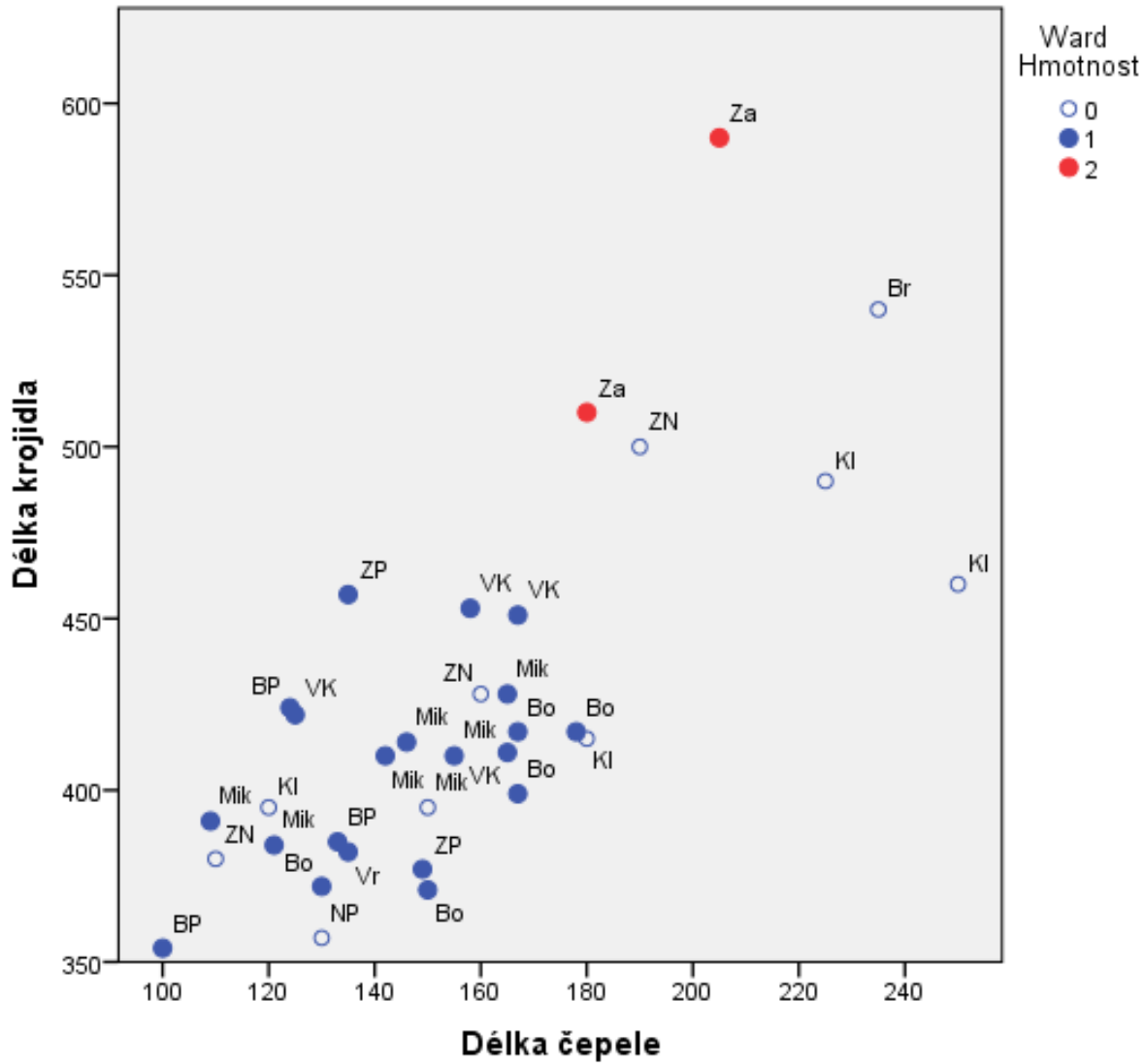












Zkratka	Název lokality
BP	Pohansko u Břeclavi
ZP	Zemianské Podhradie
VK	Veľký Klíž
Mik	Valy u Mikulčic
Vr	Vrbové
Bo	Bojná
NP	Pohansko u Nejdku
Br	Bratislava
Za	Zadiel
Kl	Klášťov



# Skladování

- Obilní jámy
- Sýpky
- Zásobnice
- Koše
- Truhlice
- Dlabané schrány
- Stohy

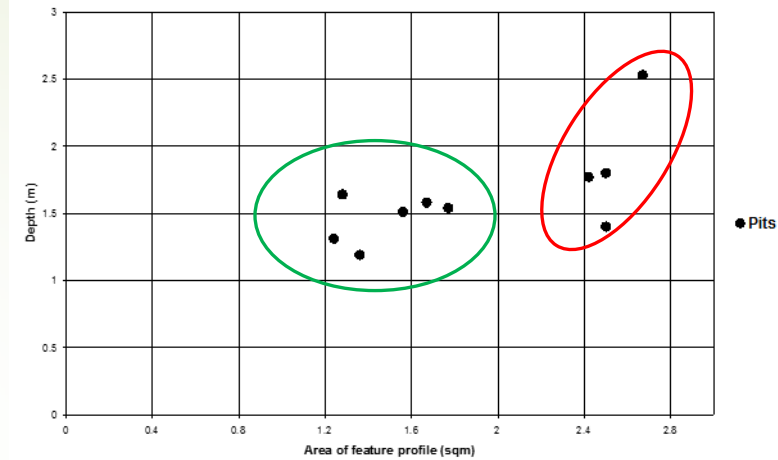
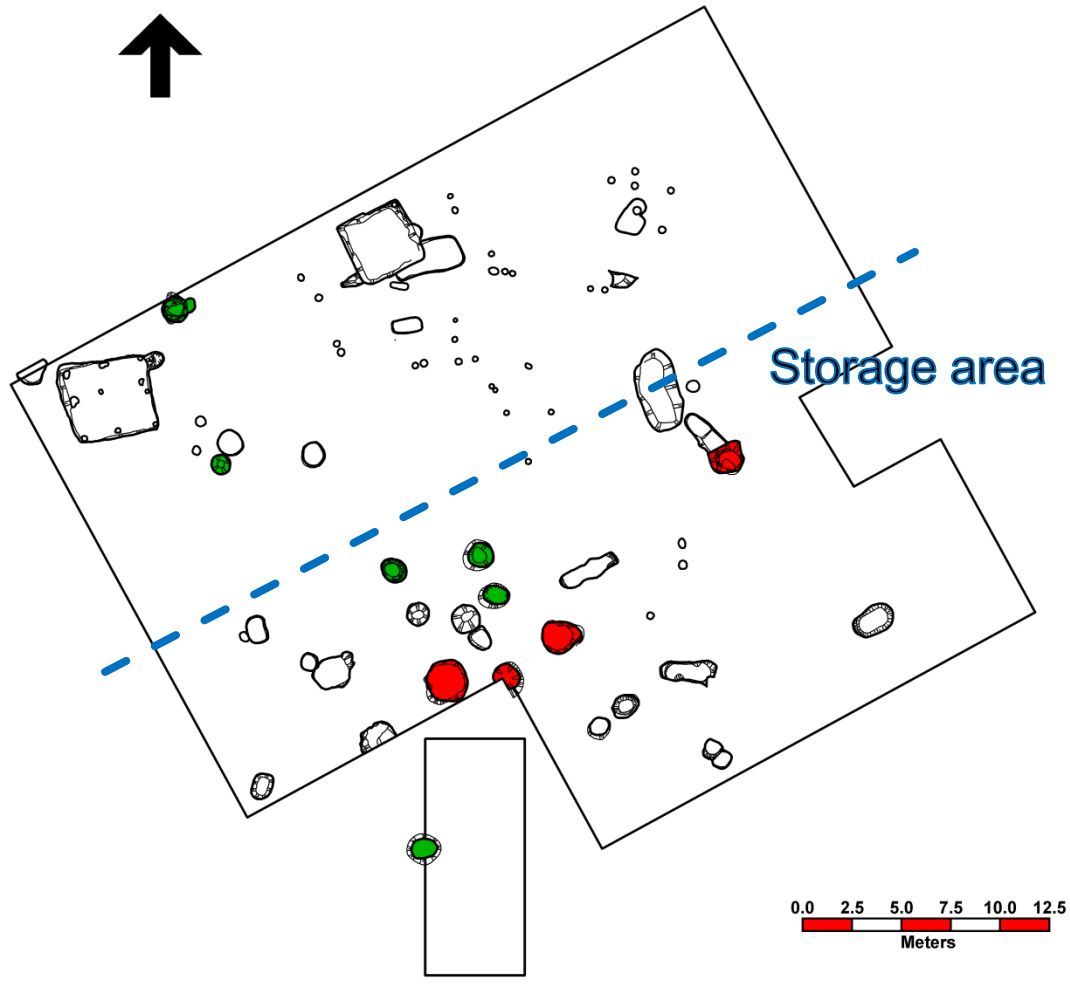




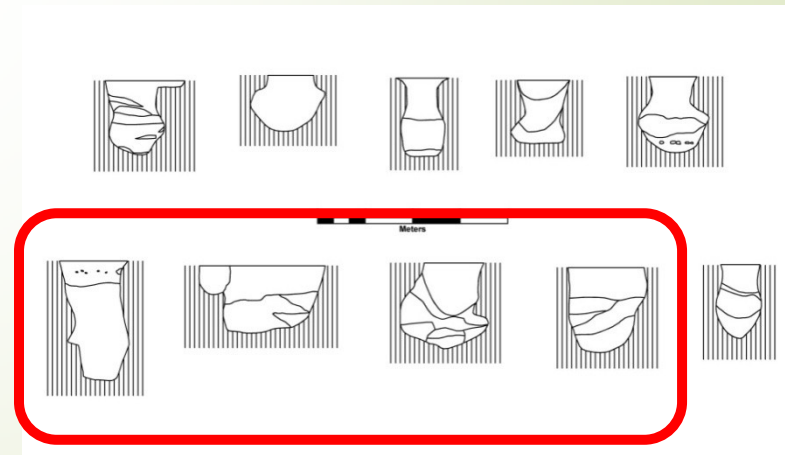
# Velkomoravská supercentra a jejich zemědělské zázemí

## Břeclav - Líbivá. Velkomoravské zemědělské sídliště v zázemí

Pohanska



Obilnice/zásobní jámy. 2-D Scatterplot



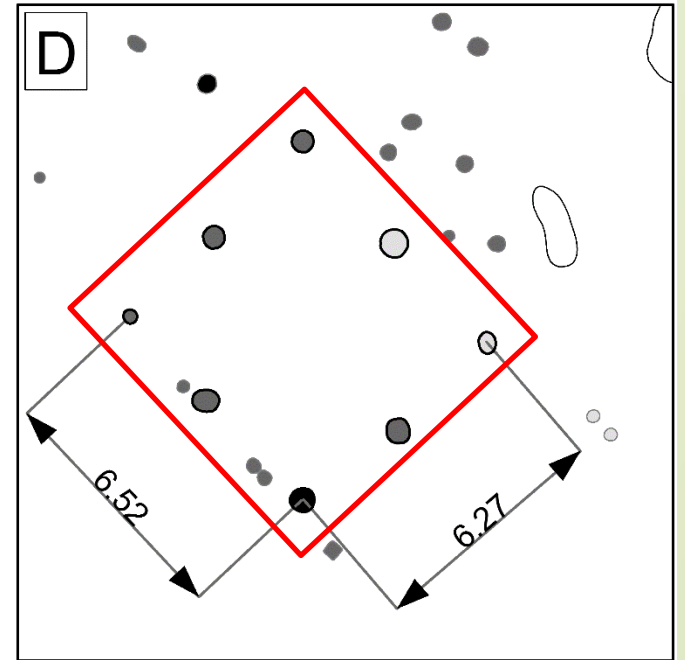
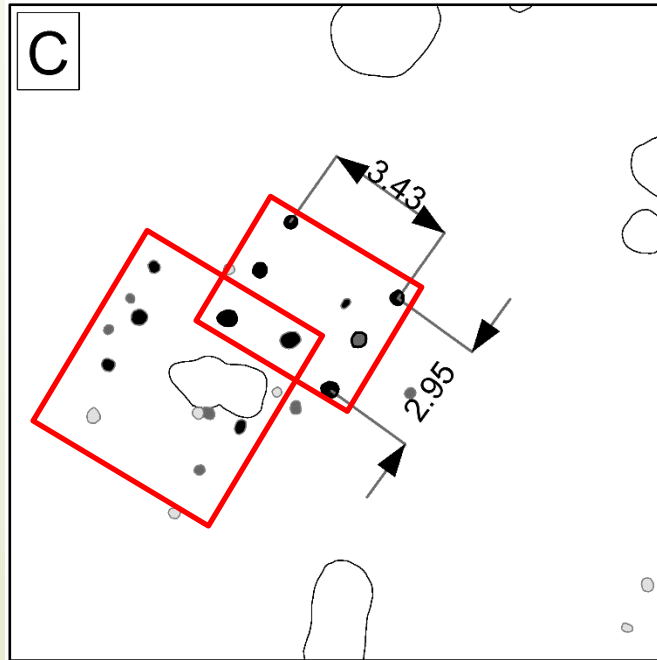
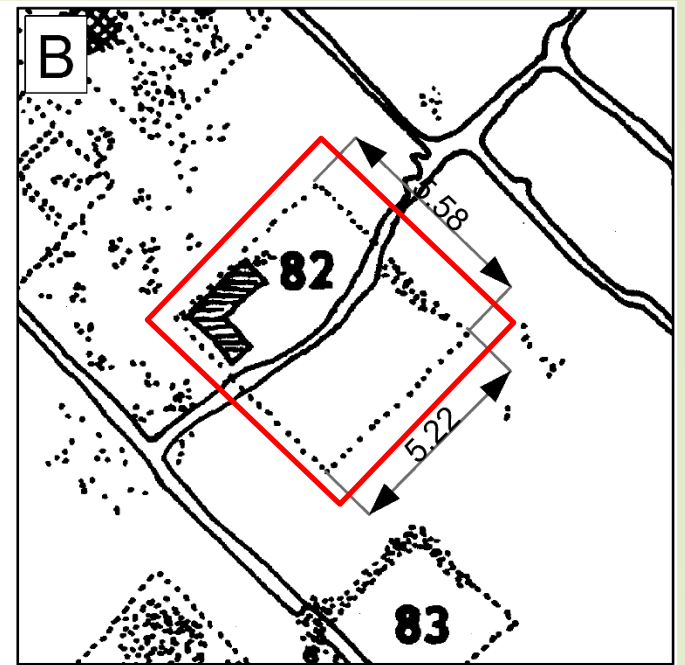
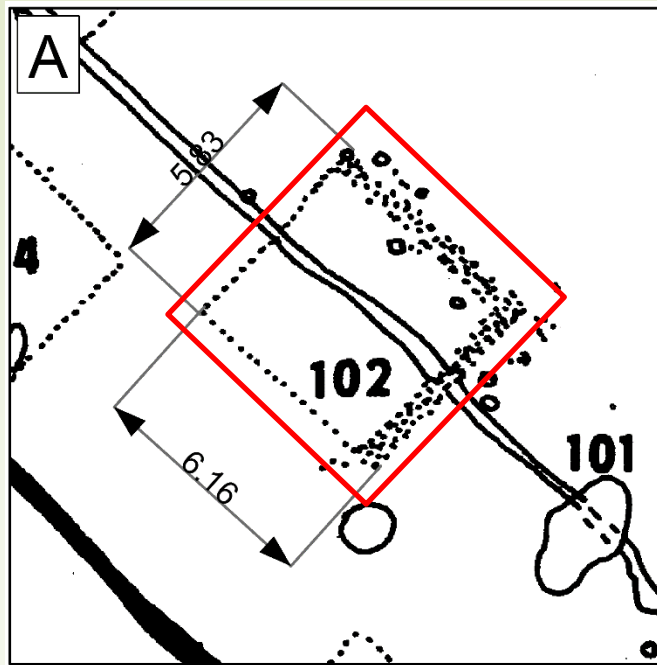
Obilnice/zásobní jámy. Profily.

Velkomoravská fáze – červeně: velké obilnice, zeleně – malé obilnice.

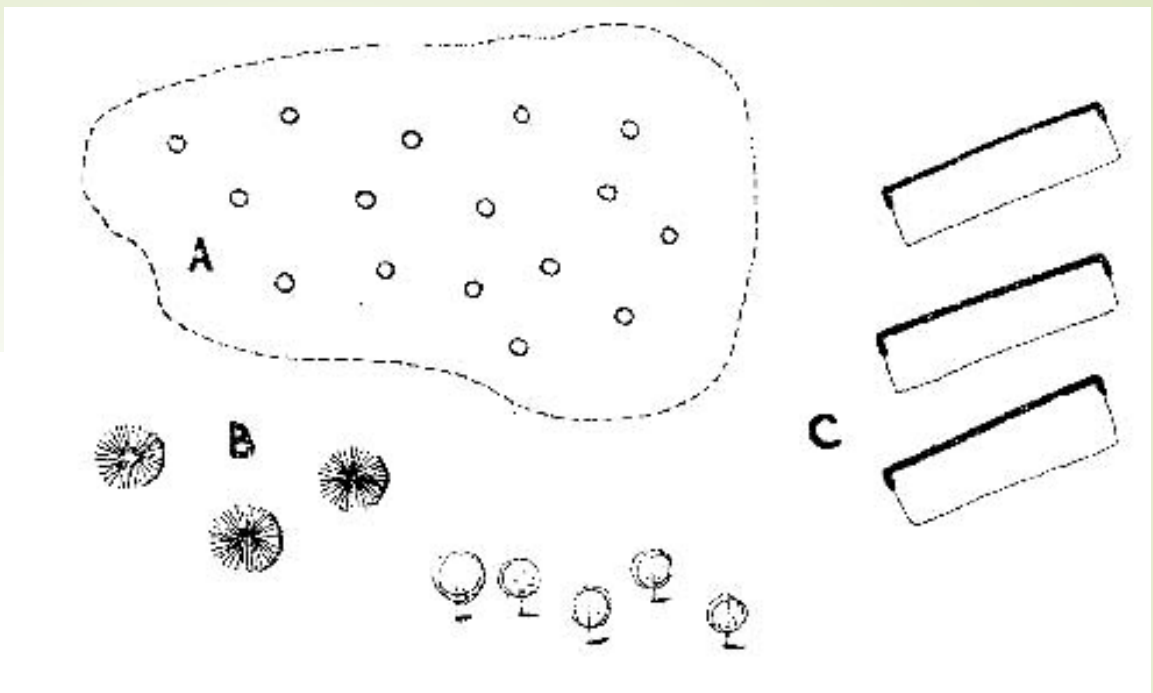
Pozn.: V supercentrech podzemní obilní sila chybí!



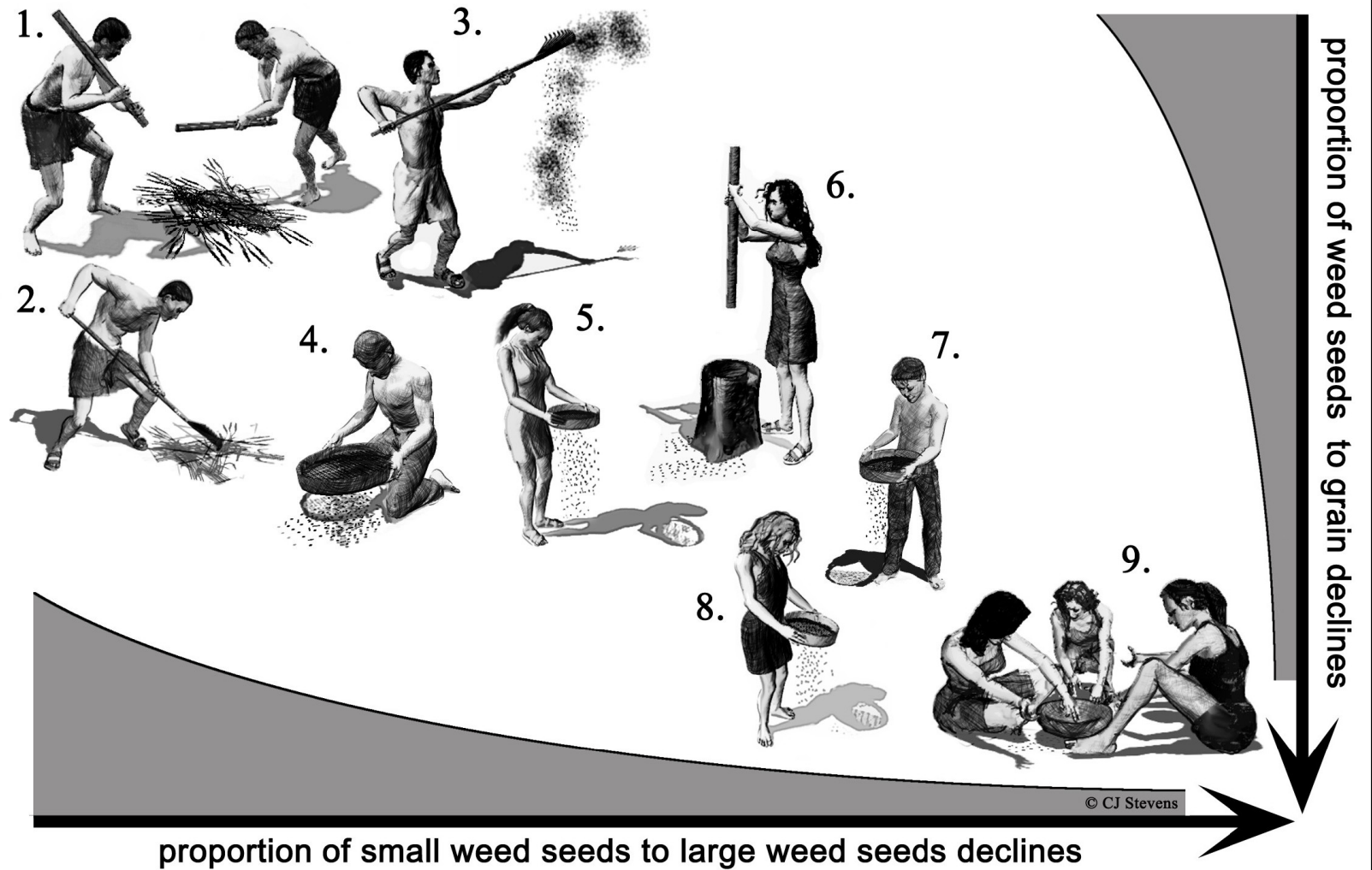
# Sýpky?



# Skladování

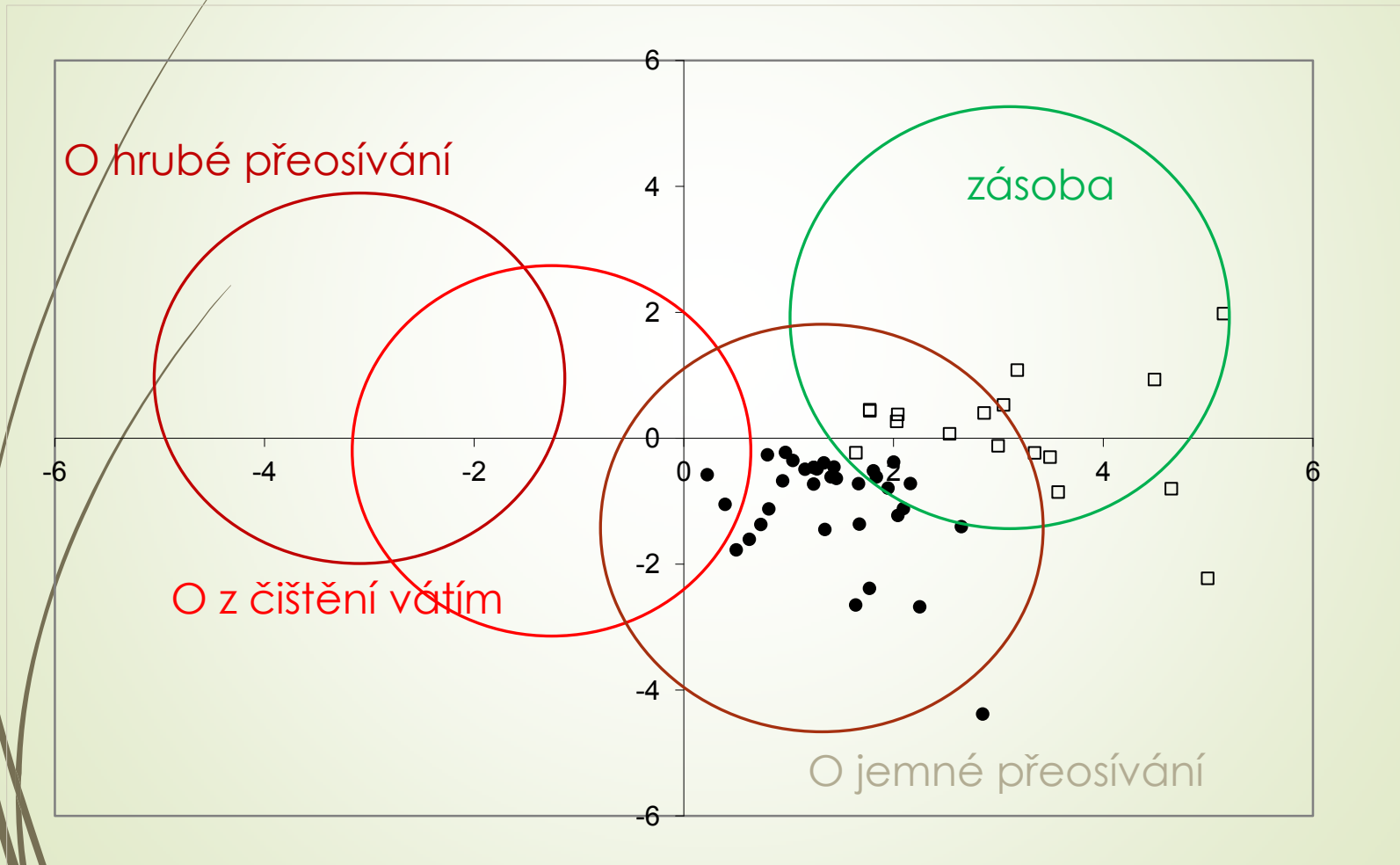


# Tafonomická analýza – klíč k ekonomice



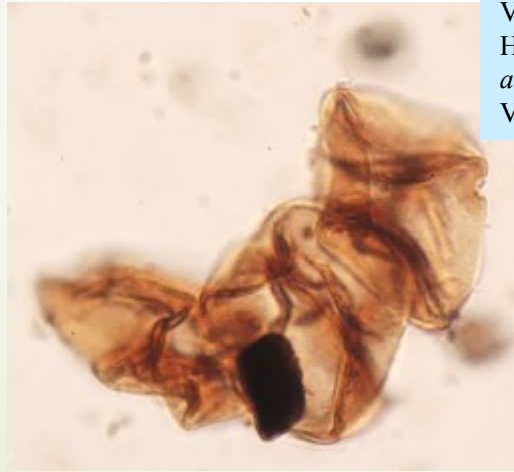
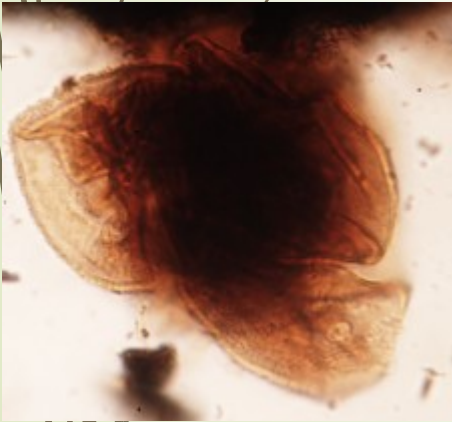
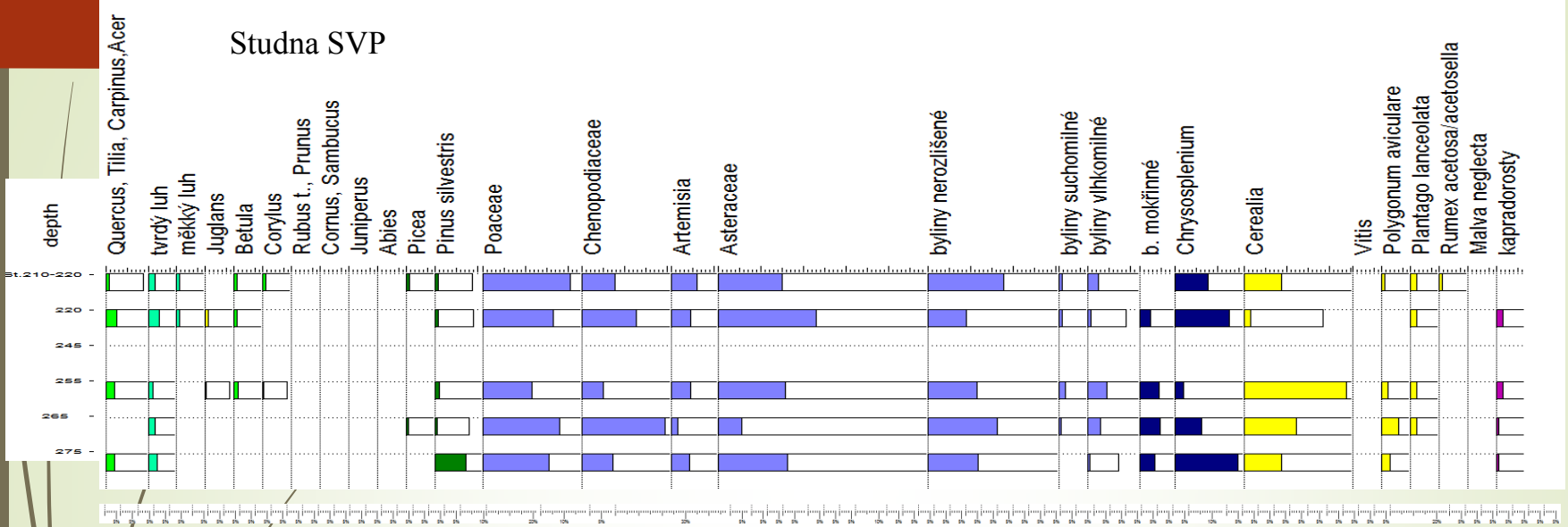
# Producent - Konzument data Mikulčice a Kopčany

= pouze pozdní fáze úprav





## Studna SVP

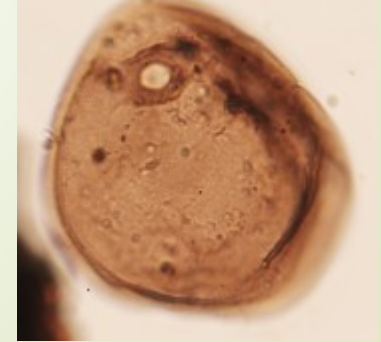


Velmi málo dřevin – zakrytí studny. Nalezen *Juglans* a *Picea*  
Hojné Cerealia i konglomeráty – místní zdroj. Spolu s nimi více *Polygonum aviculare*.

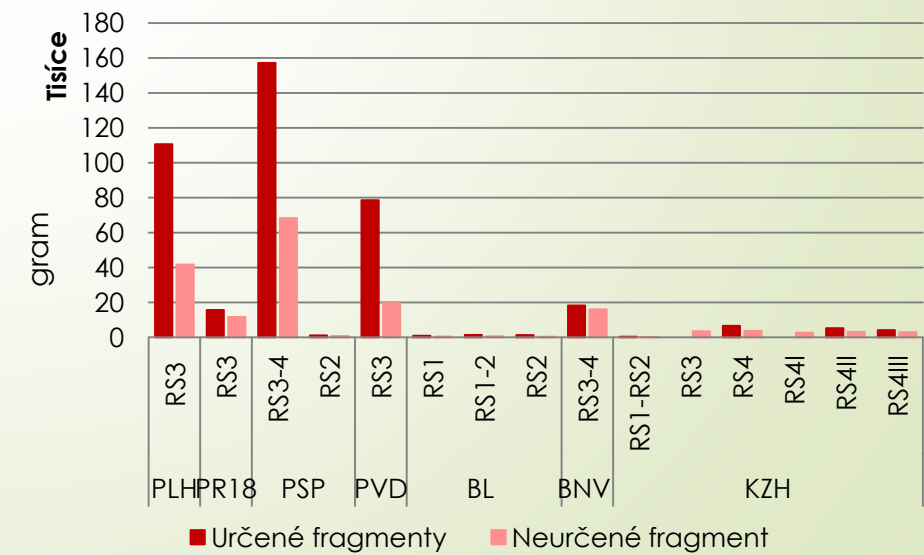
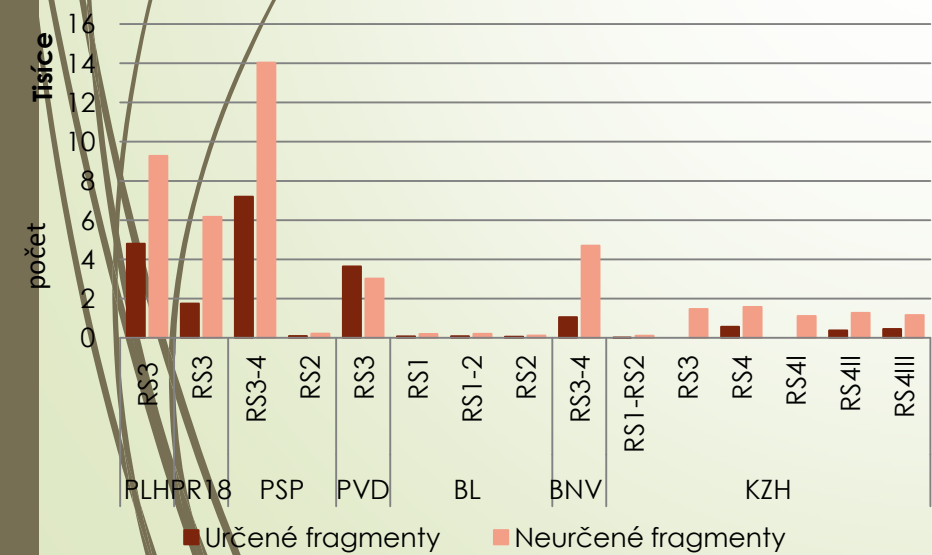
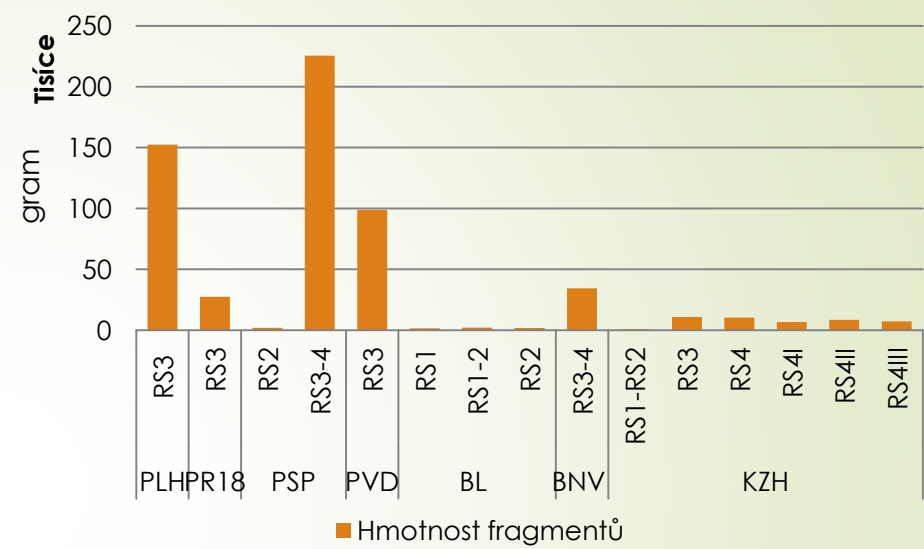
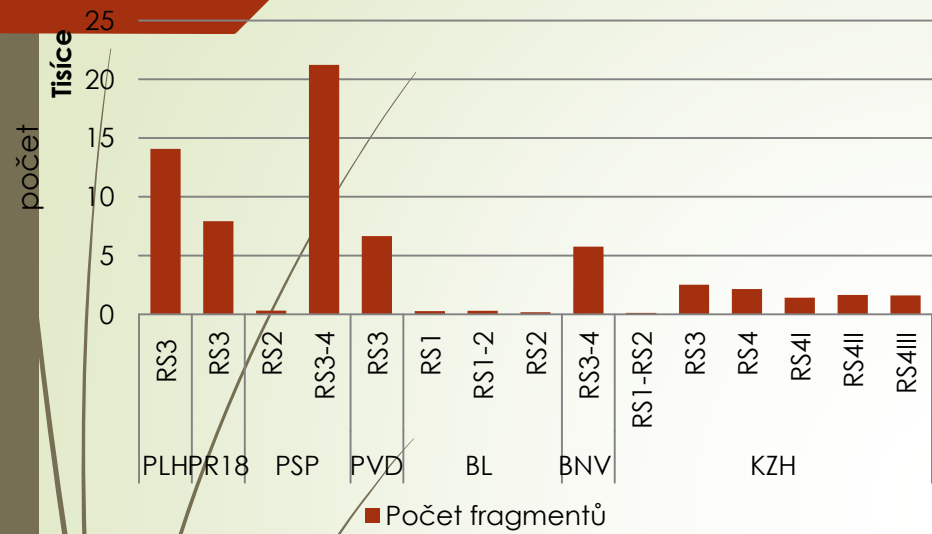
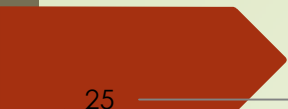
Více vlhkomilných a mokřadních nízkých bylin – přetékání vody



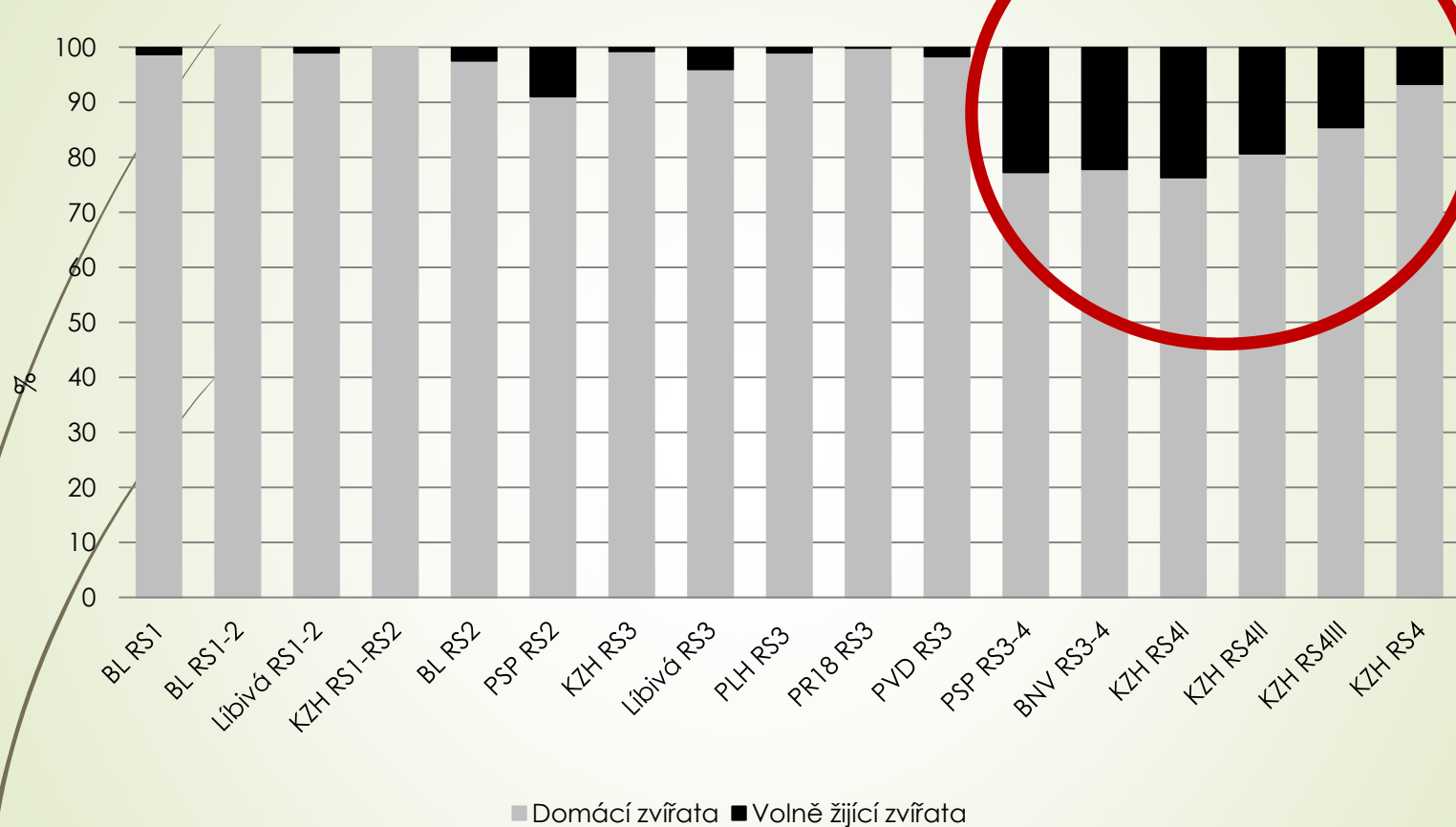
Cerealia



# Kvantitativní srovnání lokalit



# Percentuelní podíl chovné a lovné fauny (NISP)





# Ekonomika + Centra + Zázemí

Umland / Hinterland

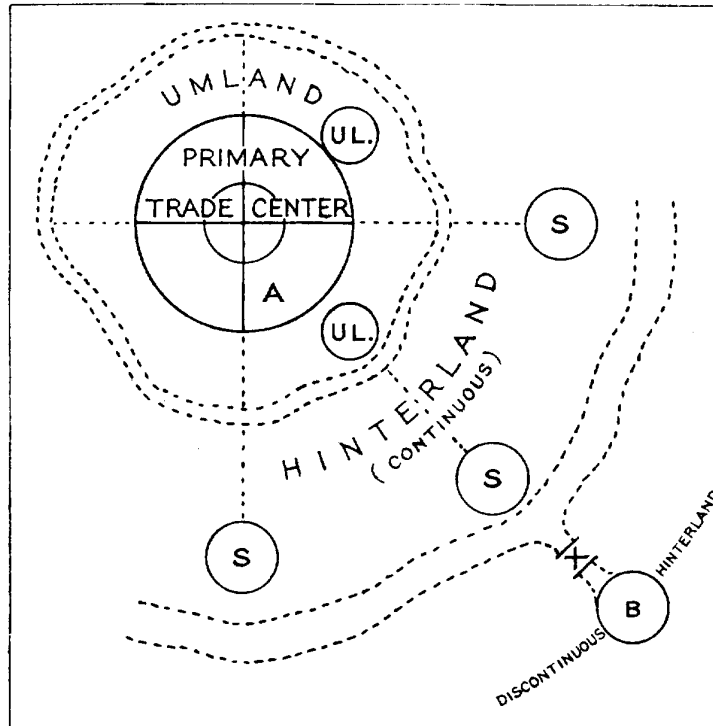
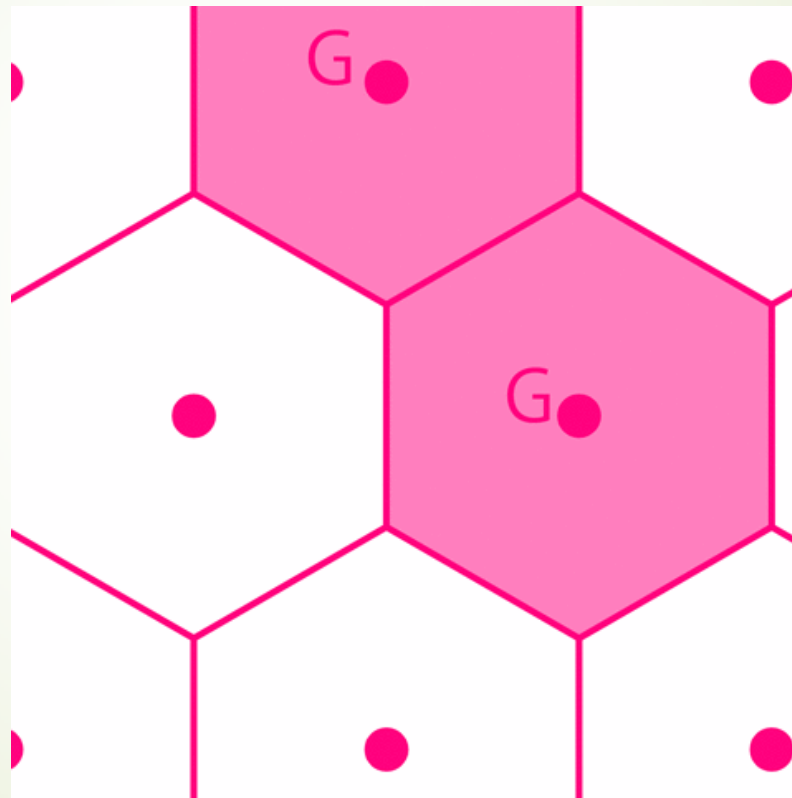


FIG. 1—Diagrammatic illustration of the characteristics of umland and hinterland.

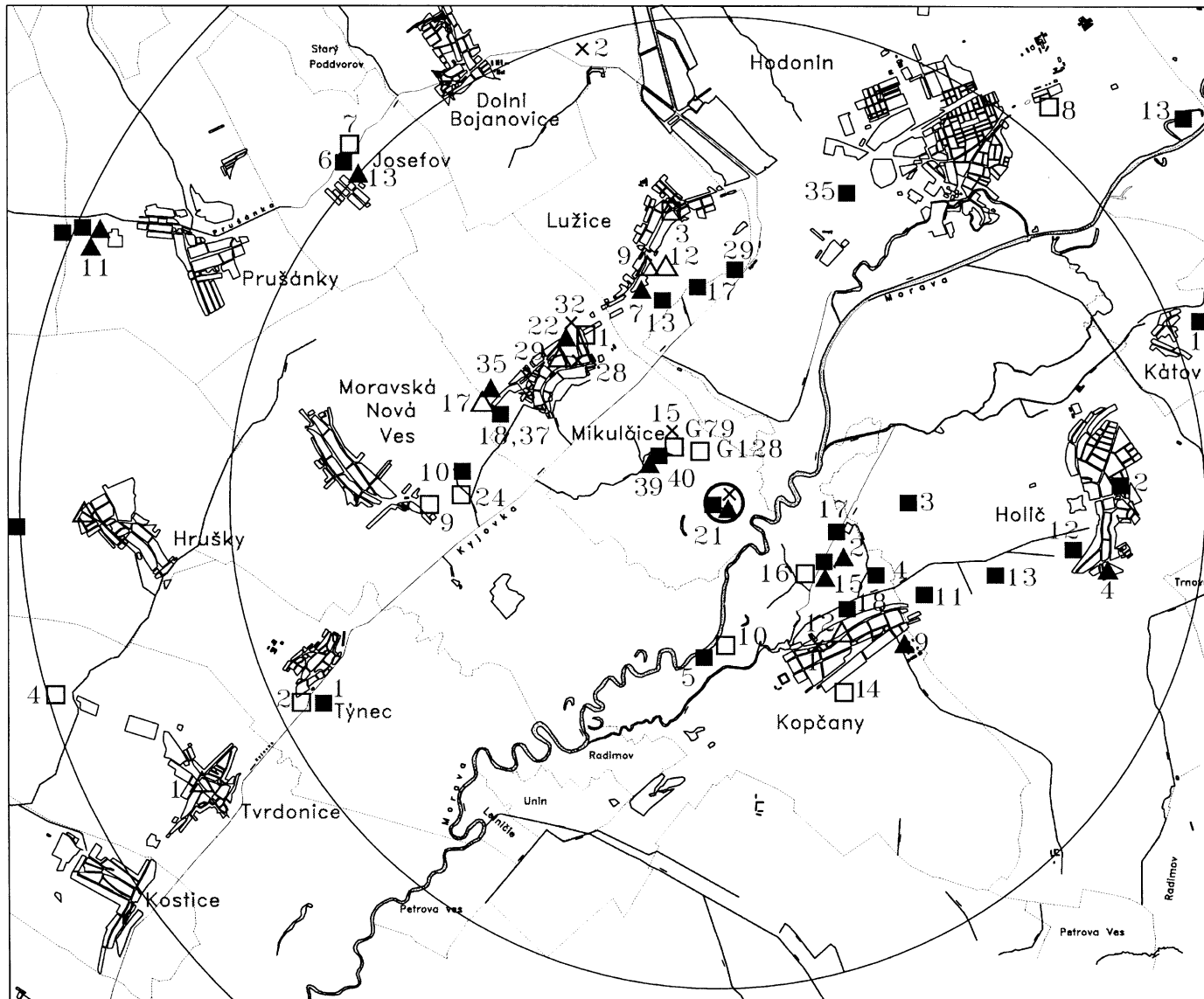
The limits of the umland are shown for all quadrants. *UL* represents urb-lets or suburbs. The outer limits of the hinterland, continuous and discontinuous, indicated here for one quadrant only are applicable to all quadrants. Center *B*, located in the discontinuous hinterland of *A*, reacts toward *A* much as the satellites (*S*) do, even though the intervening region, *X*, represented by the break between the zonal limits of the continuous and the discontinuous hinterlands, does not function as a part of the hinterland of *A*.

# Walter Christaller

## Teorie centrálních míst

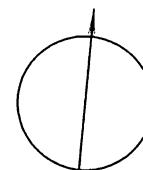


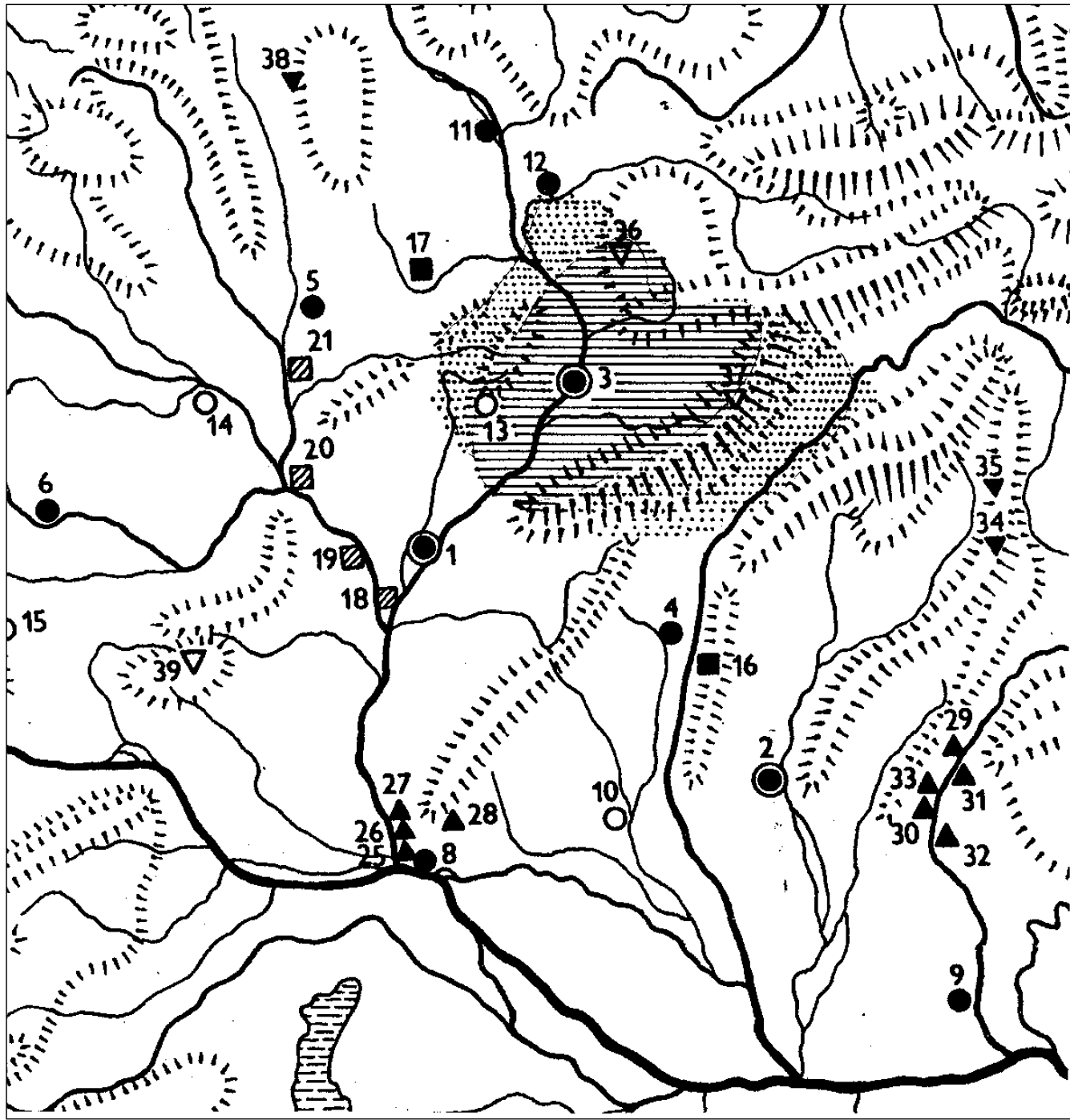


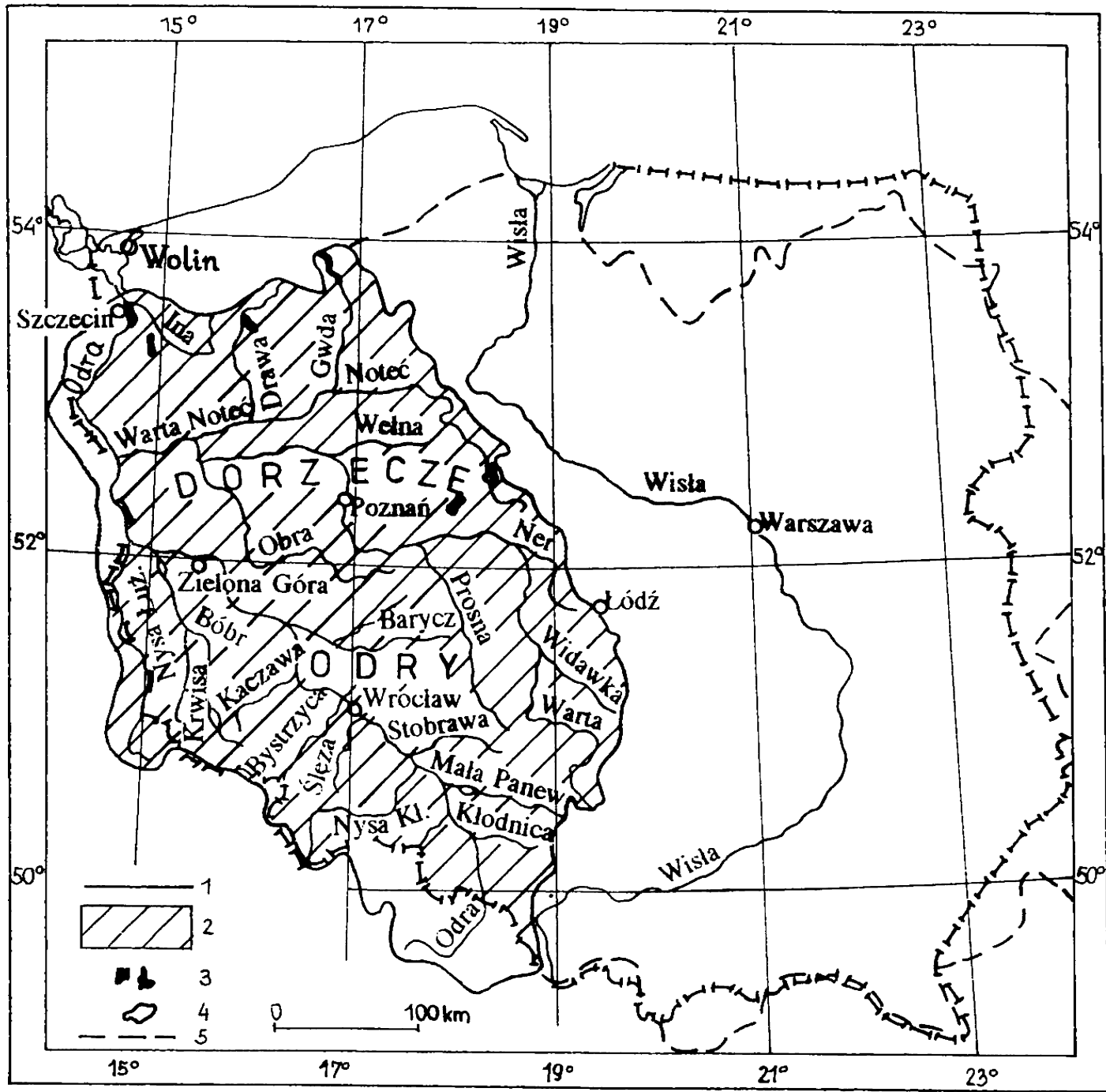


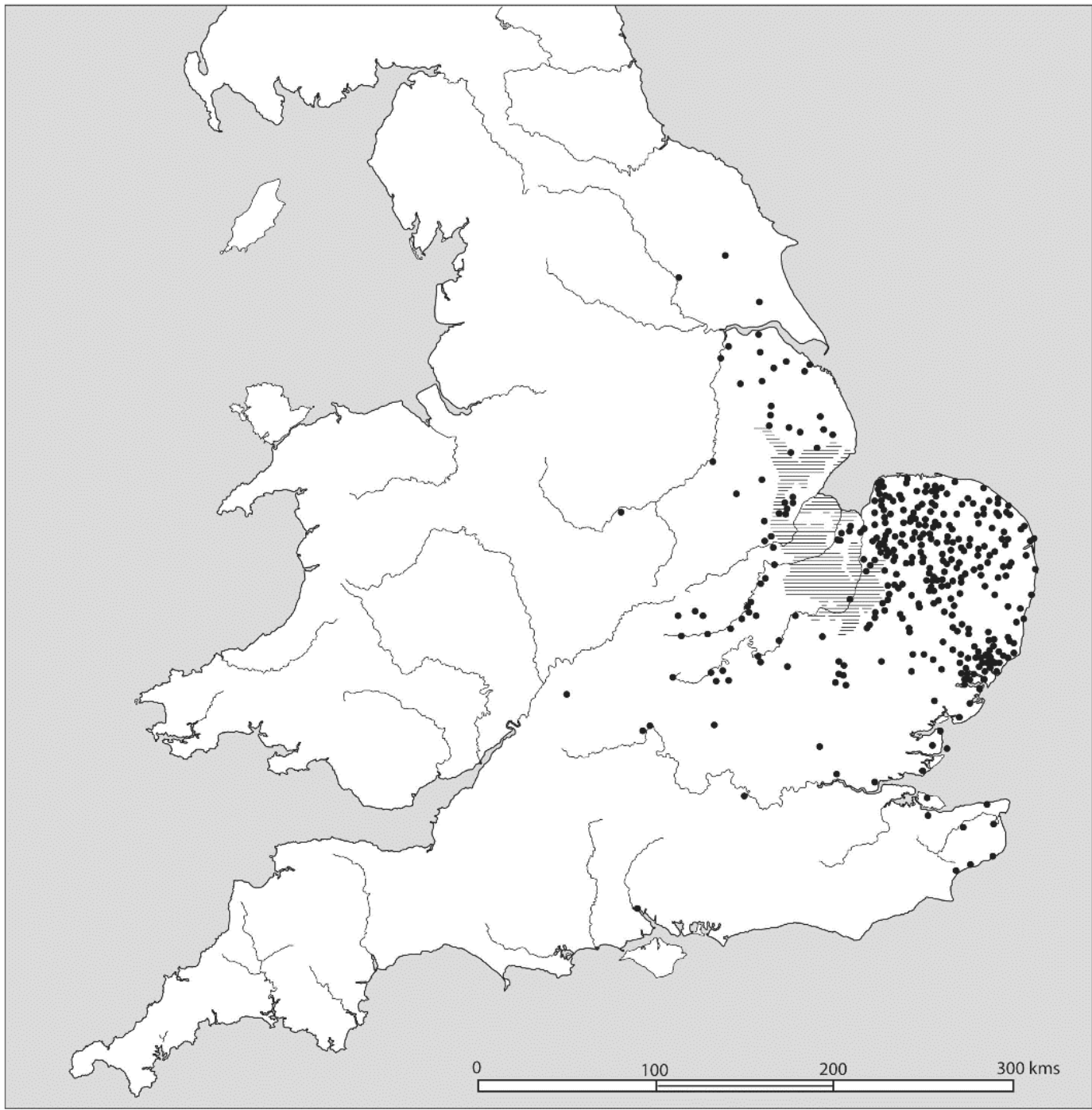
- △ Gräberfeld ?
- ▲ Gräberfeld
- Siedlung ?
- Siedlung
- × Einzelfund
- Befestigtes Zentrum

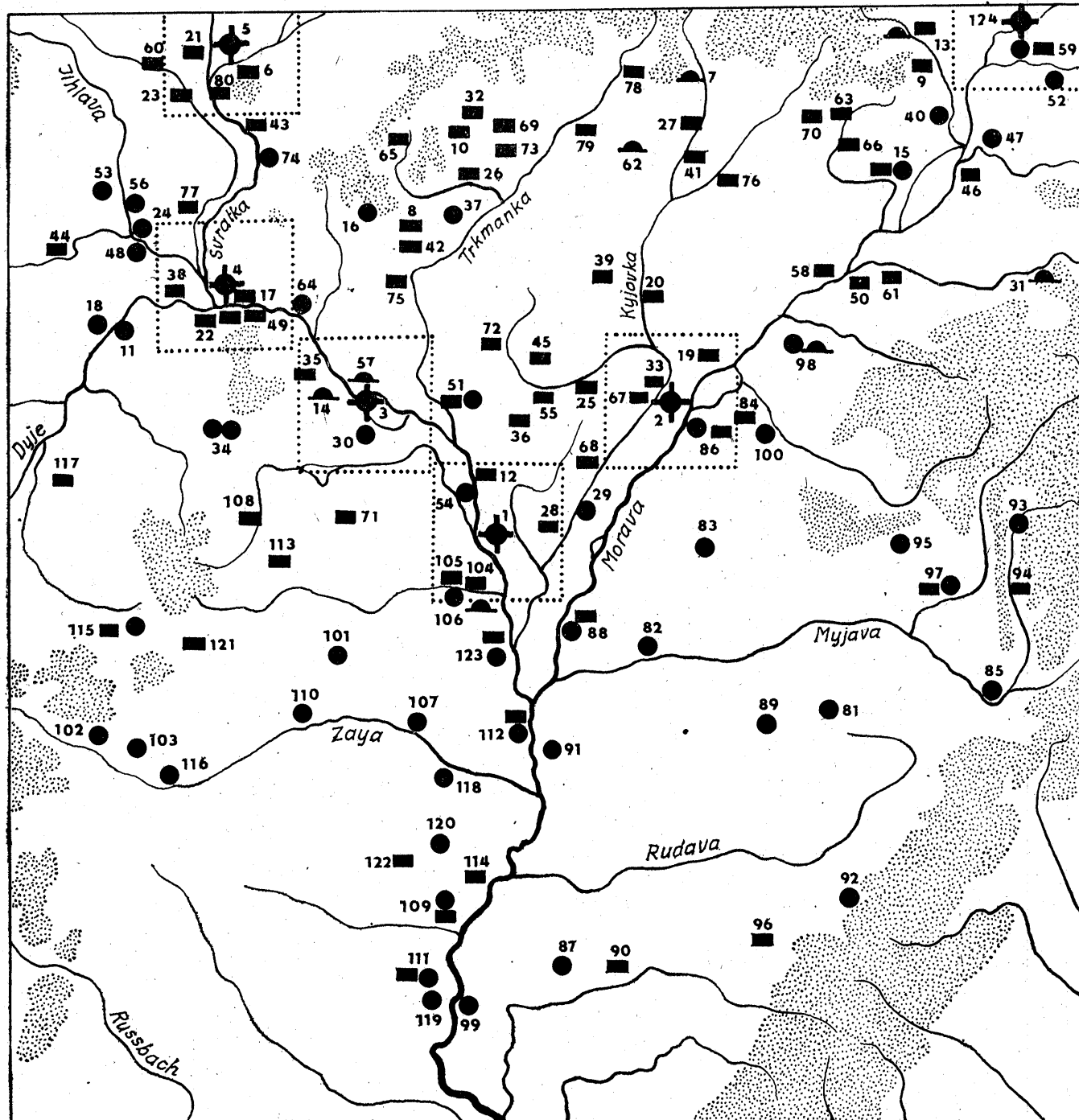
0 1 2 3km



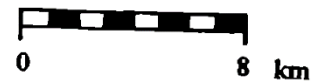
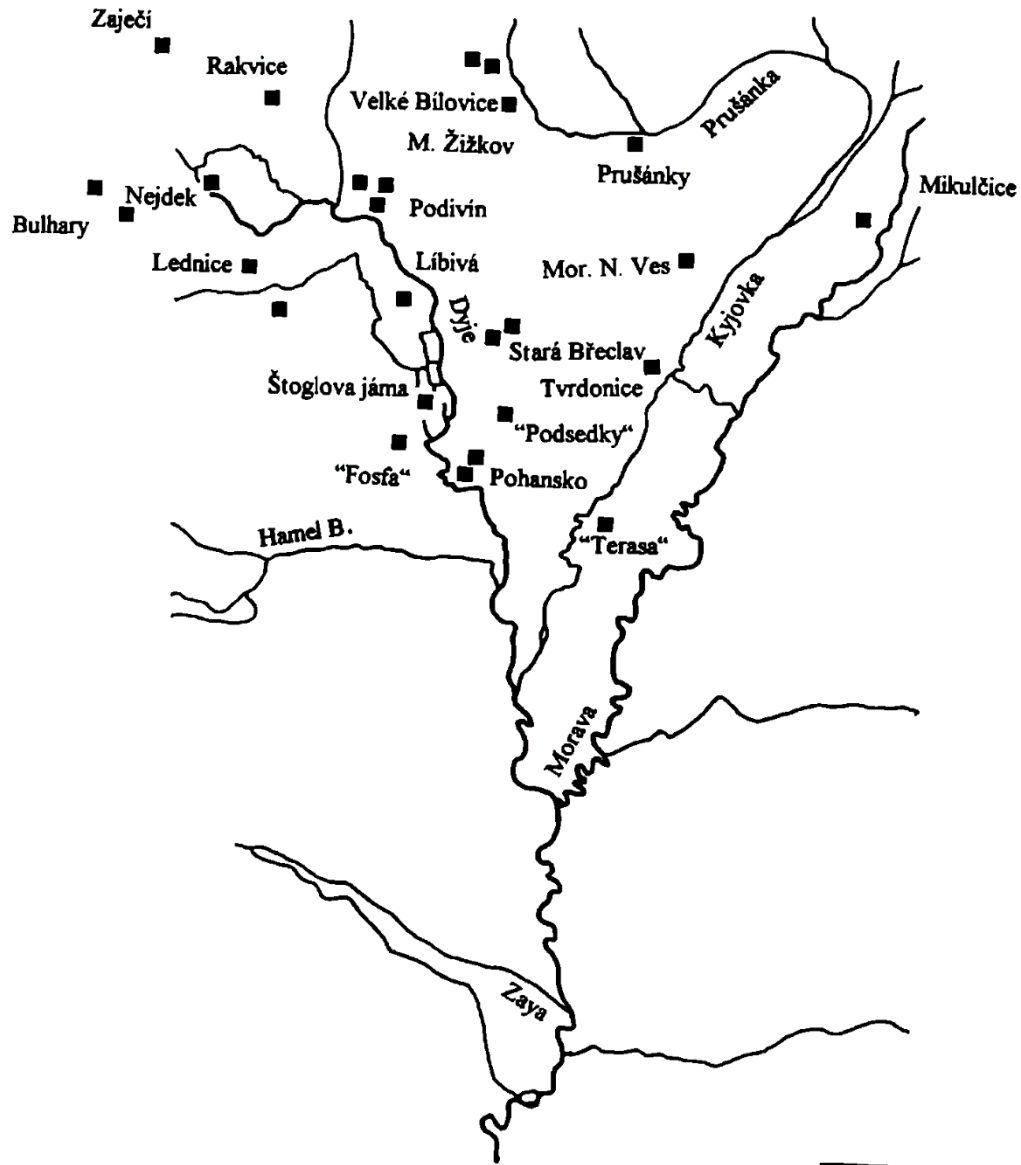
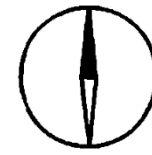


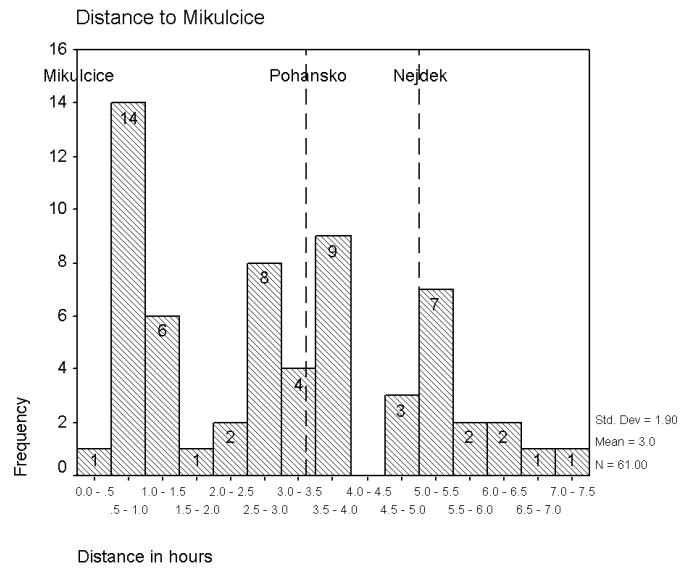
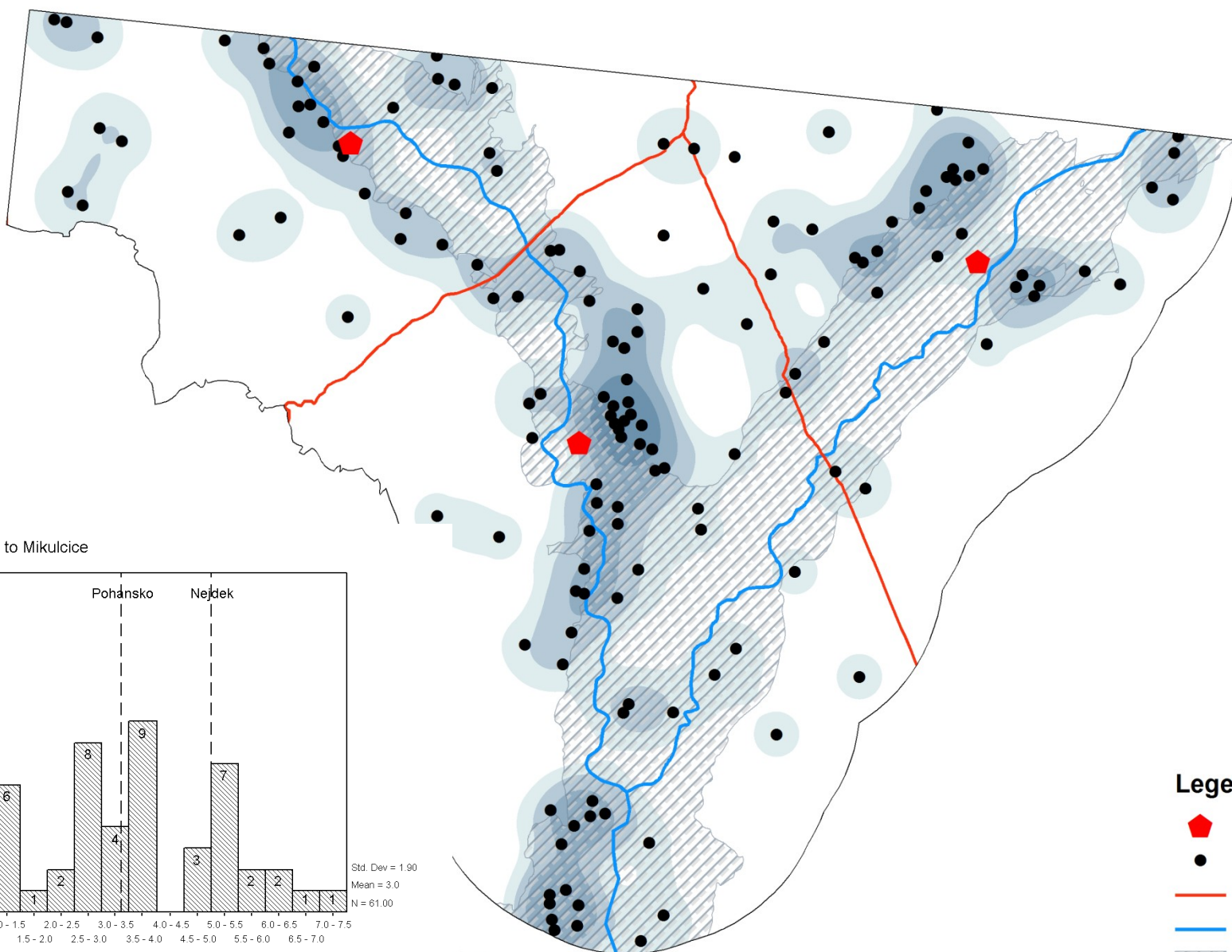












- Legend**
- Centres
  - Settlement
  - Time borders
  - Rivers
  - Floodplain

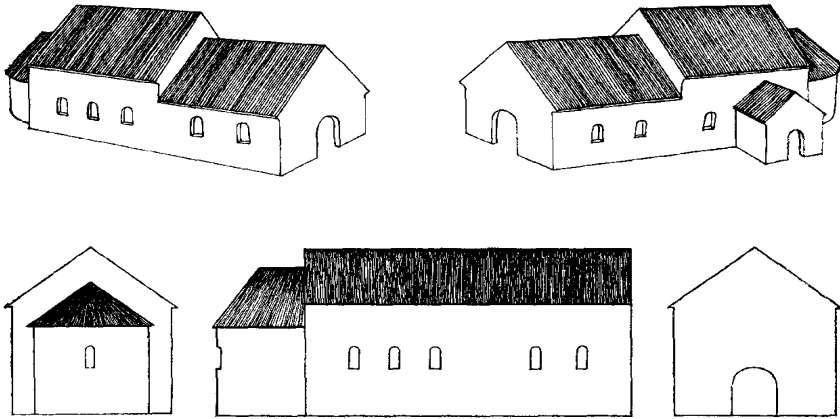


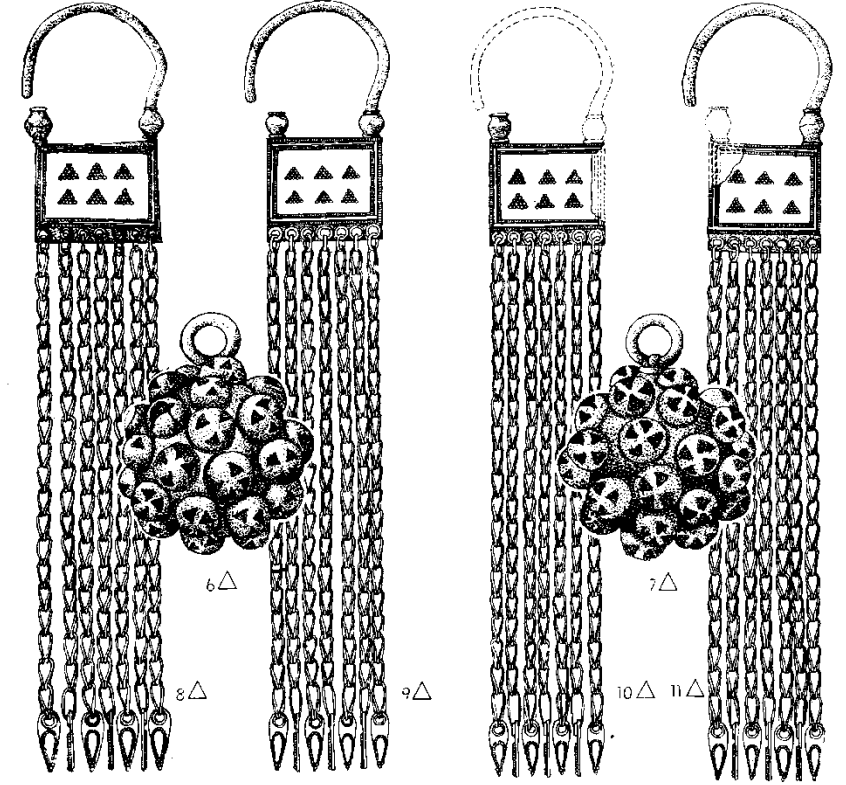
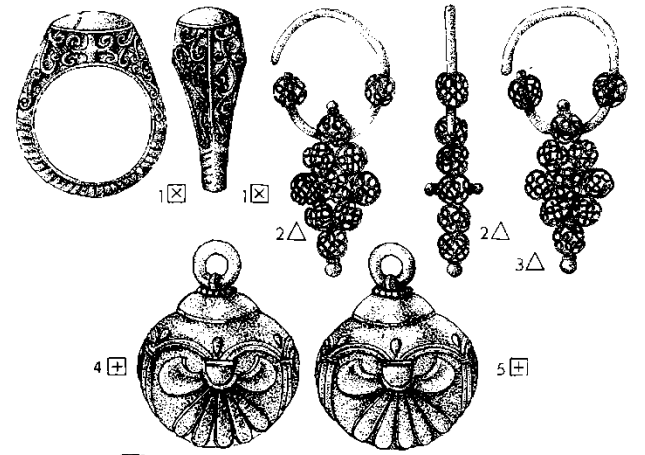
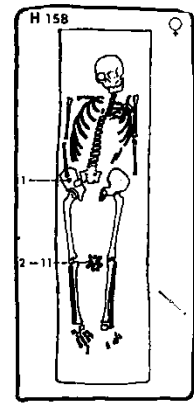
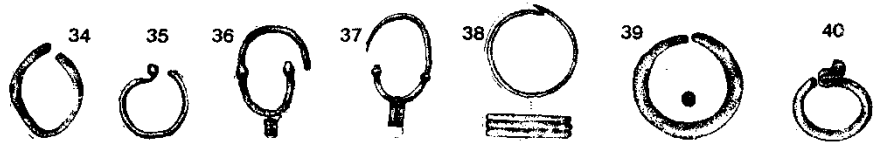
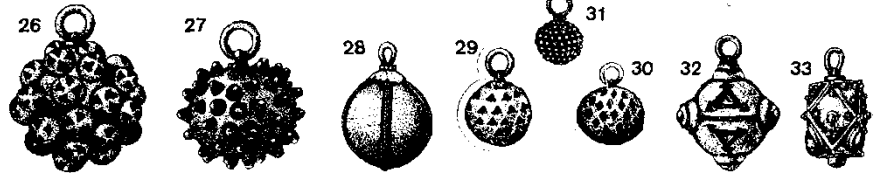
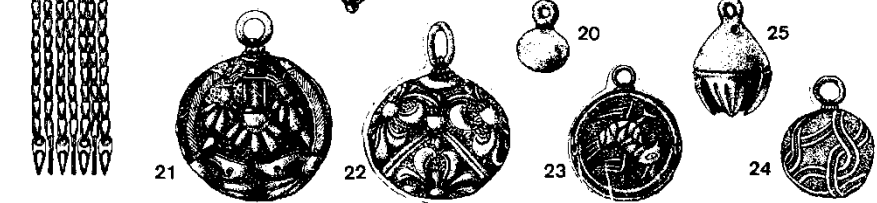
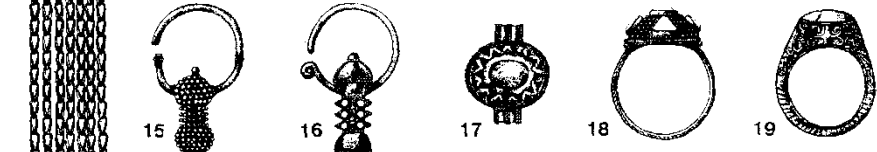
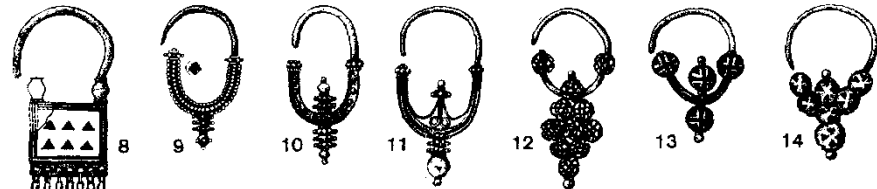
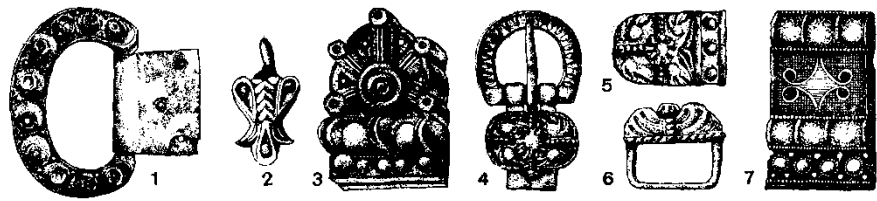
# Pohansko

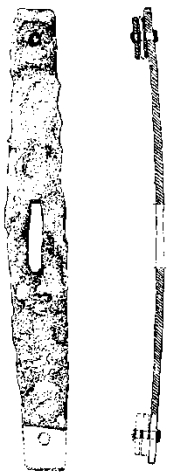
## Centrum - Hrad

- 27 Ha
- Opevnění 2000 m
- Velmožský dvorec – 1 Ha
  - Dřevěná palisáda
  - Kostel
  - Rezidenční, hospodářské a shromažďovací stavby
- Usedlosti – ca 100
  - 25-40 x 25-40 m
  - Povrchové stavby – dřevěnice, sruby, zemnice
- Tržiště ??
- **1000** obyvatel

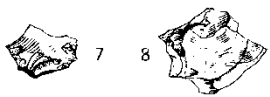
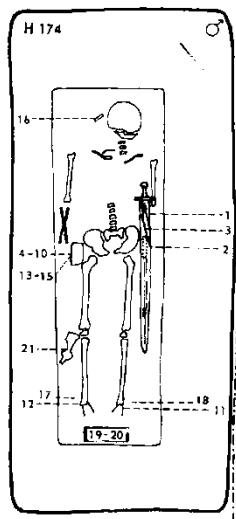








2◊ 2◊



7 8



5◊



4◊



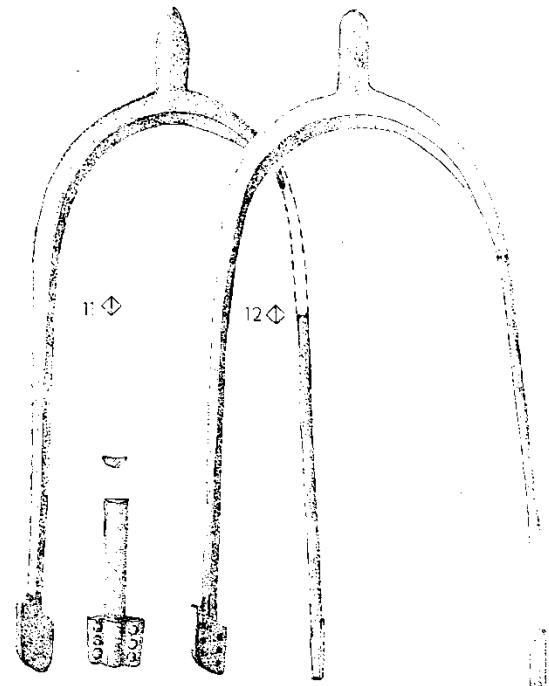
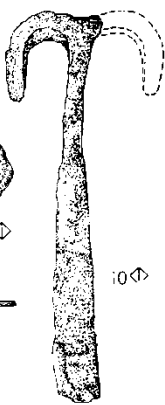
5◊



10◊



9◊



11◊

12◊



17◊



18◊



19◊



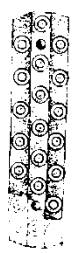
20◊



13◊



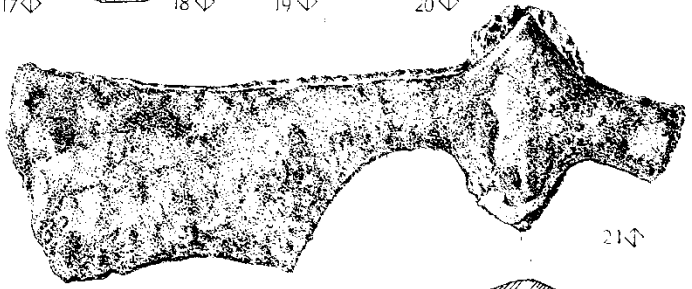
14◊



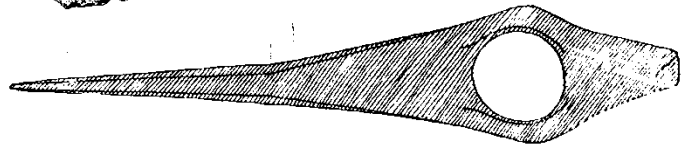
15◊



16◊

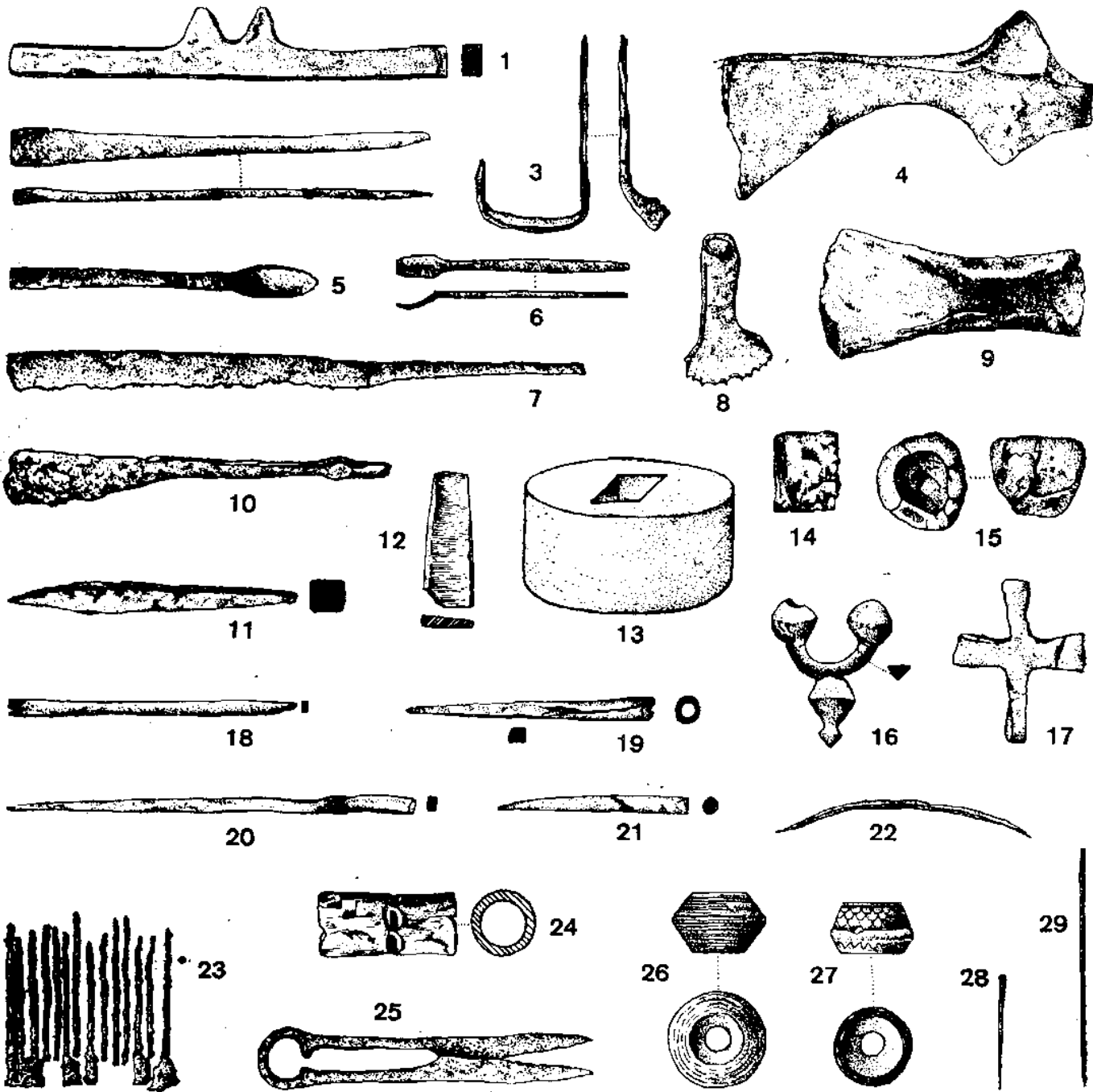


21◊



Obr. 174







BŘECLAV - POHANSKO

VELMOŽSKÝ DVOREC

Výzkum 1959-1965



0 5 10 15 20m

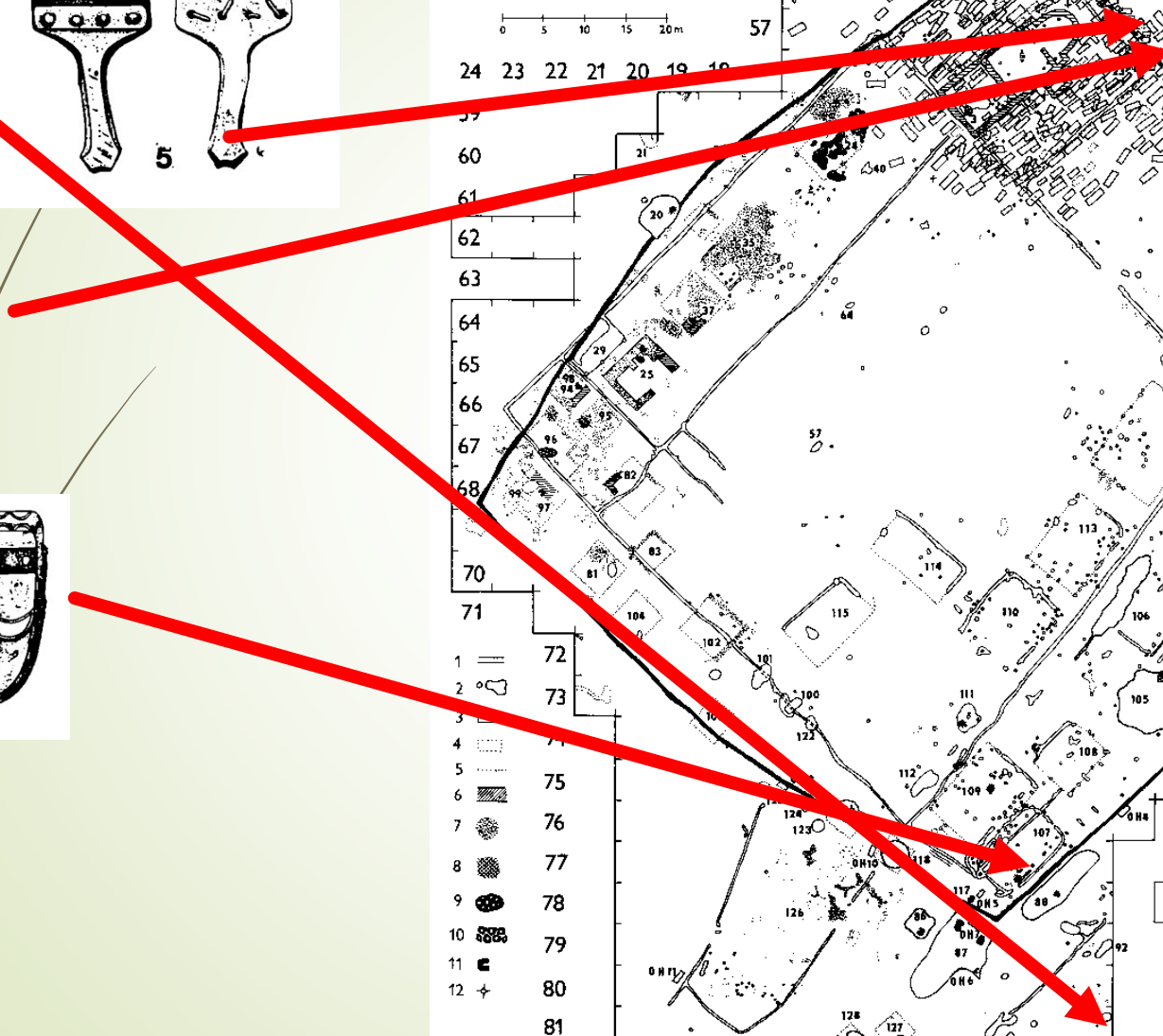
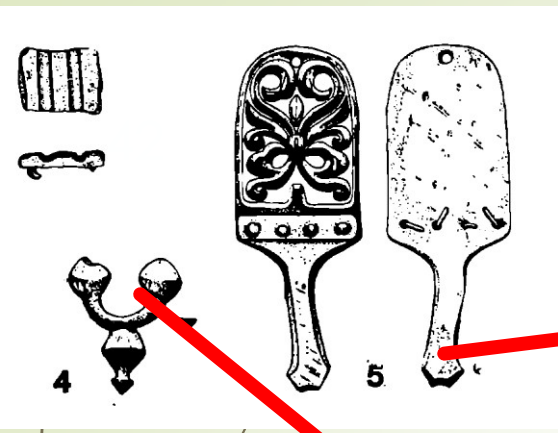
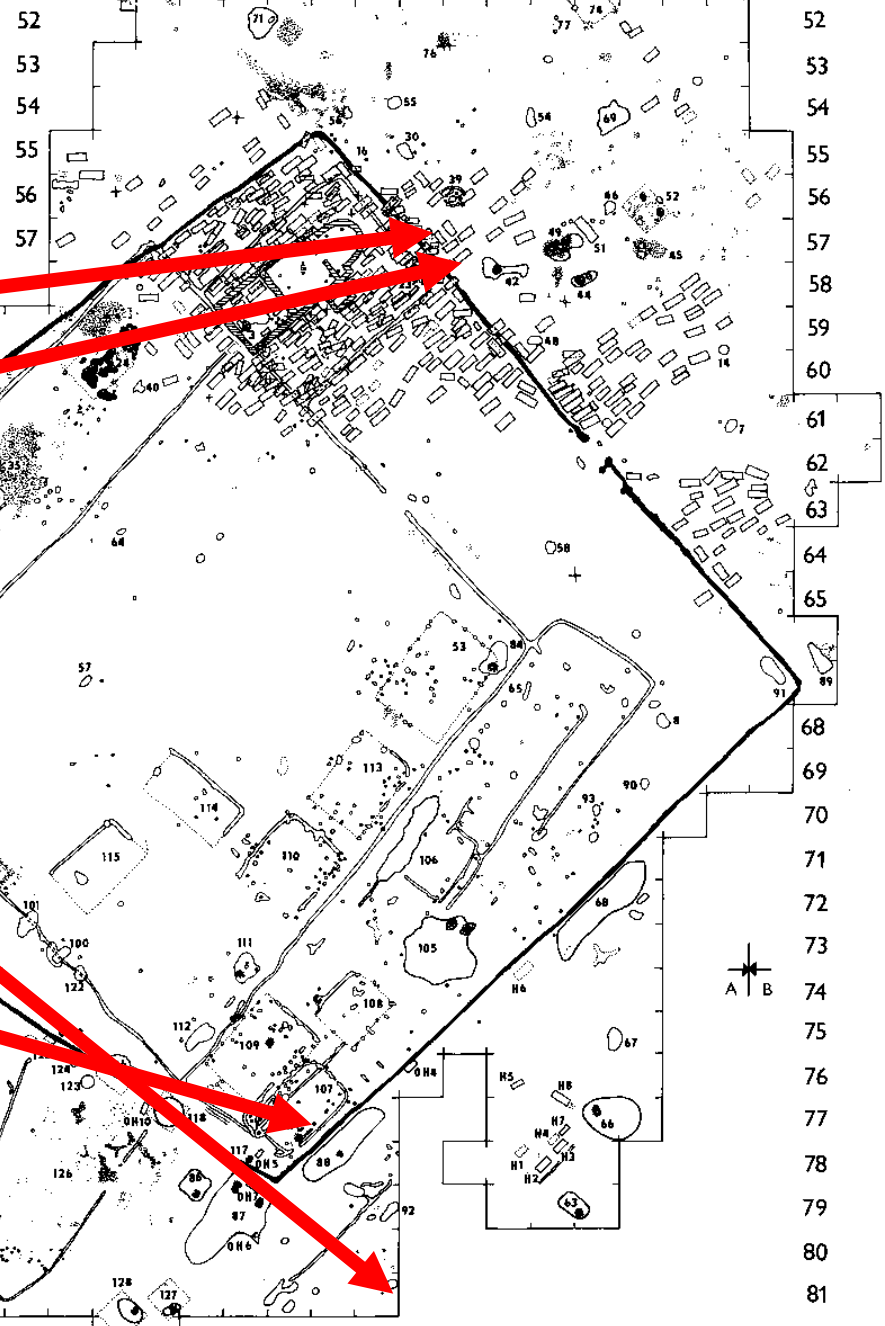
24 23 22 21 20 19 18

59 60 61 62 63 64 65 66 67 68 69 70 71 72

- 1 =
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

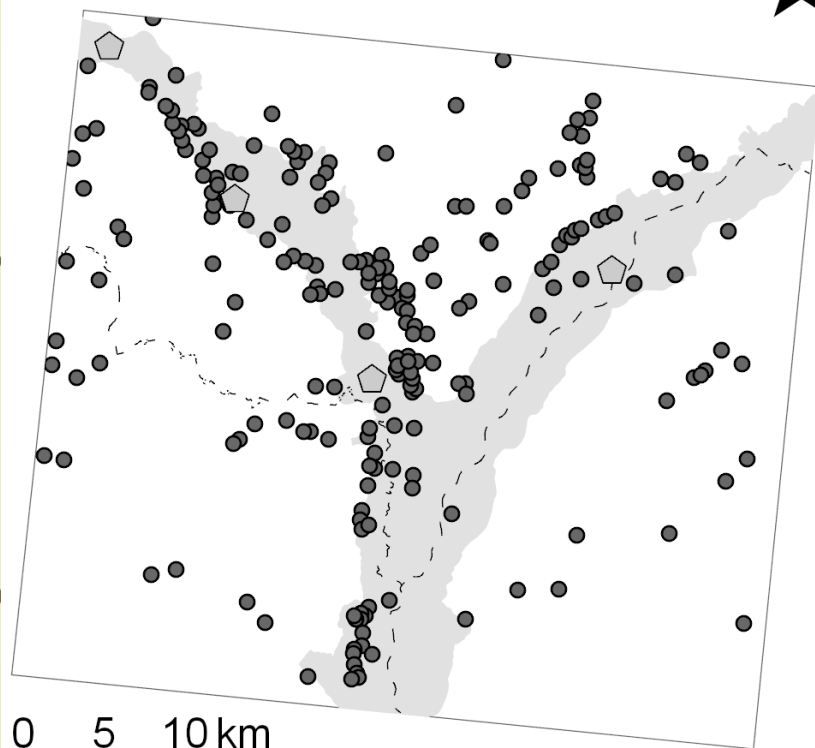
24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 100 99 98

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 100 99 98





# Protohistorické



0 5 10 km



Hradiska RS



Hradiska RS



Sídliště

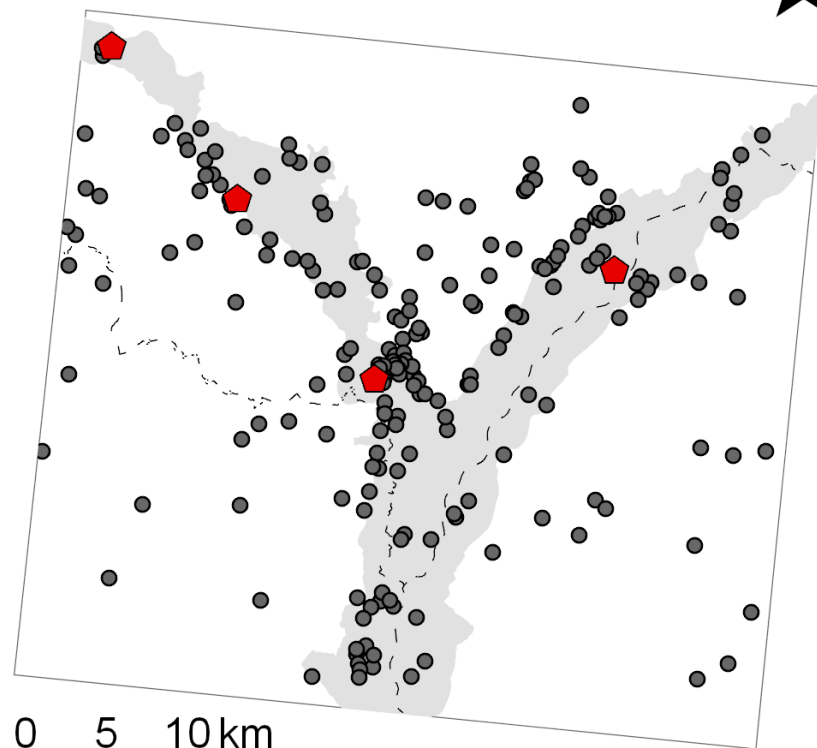


Hranice



Niva

# Středohradištní



0 5 10 km



Hradiska RS



Hradiska RS



Sídliště



Hranice



Niva

