

Tipologija i distribucija crkveničkih amfora kao indikatori regionalnog ekonomskog razvoja rimske Dalmacije

Tipologia e distribuzione delle anfore di Crikvenica come indicatori dello sviluppo economico regionale della Dalmazia romana

Typology and distribution of Crikvenica amphorae as indicators of regional economic development of the Roman Dalmatia



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**Rimska ekonomija u Dalmaciji: proizvodnja, distribucija i potražnja u svijetlu
keramičarskih radionica**

**Roman Economy in Dalmatia: production, distribution and
demand in the light of Pottery workshops**

III. MEĐUNARODNI ARHEOLOŠKI KOLOKVIJ

"Rimske keramičarske i staklarske radionice. Proizvodnja i trgovina na jadranskom prostoru"

III COLLOQUIO ARCHEOLOGICO INTERNAZIONALE
"Officine per la produzione di ceramica e vetro in epoca romana.
Produzione e commercio nella regione adriatica"

3rd INTERNATIONAL ARCHAEOLOGICAL COLLOQUIY
"Roman Ceramic and Glass Manufactures.
Production and Trade in the Adriatic region"

**Crikvenica
4. i 5. studenoga
2014.**



**HRZZ Research Projects
(IP-11-2013-3973)
2014. – 2018.**

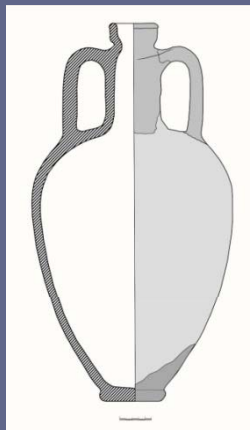
RED

**Goranka Lipovac Vrkljan
Bartul Šiljeg
Ivana Ožanić Roguljić
Ana Konestra**

Jadranske amfore ravnog dna, Crikvenički tip 1/ Adriatic flat - bottom amphorae, Crikvenica Type 1

Prvi je tip crikveničkih amfora
otkriven 2006.

First Crikvenica type was discovered in 2006



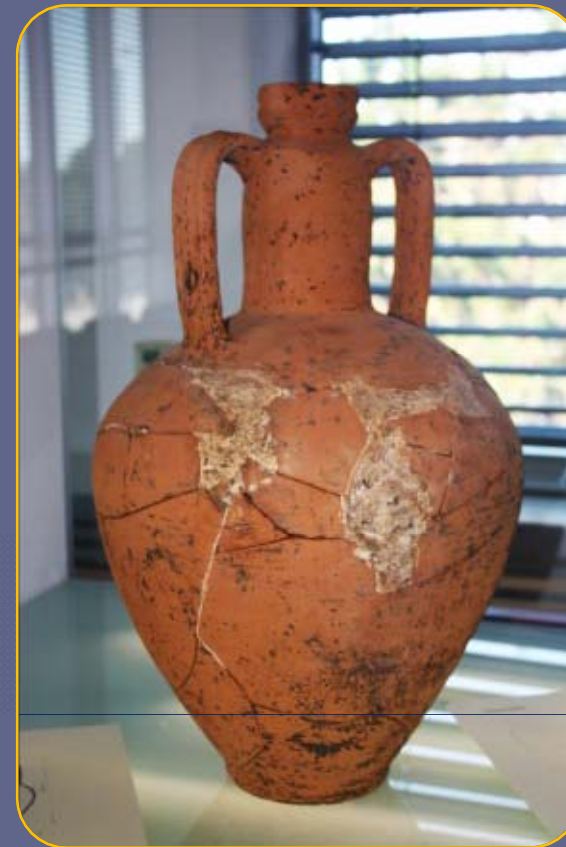
Ilovik, brodolom

Jadranske amfore ravnog dna – primjer Forlimpopoli amfora

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Cijela je amfora otkrivena 2010. godine.

A whole amphorae was discovered in 2010.



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Crikvenica

- rimsko keramičarsko proizvodno središte (I.st. po Kr.)
- officina ceramica romana (I secolo dC)
- Roman Pottery workshop (1st century AD)



3D model, Studio Kušan

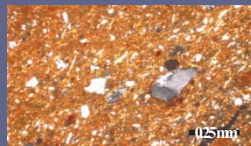


G. Lipovac Vrkljan, Tipologija crikveničkih amfora

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Typology of Crikvenica's amphorae – archaeometric results

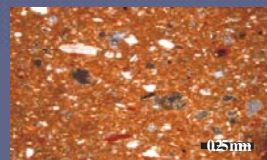
XRD granulometrijske frakcije - mineralni sastav, rengen



Struktura 3



Strukture
CRIKVENICA



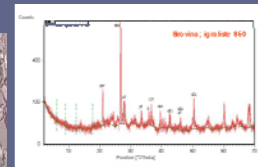
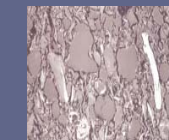
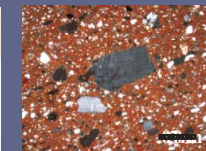
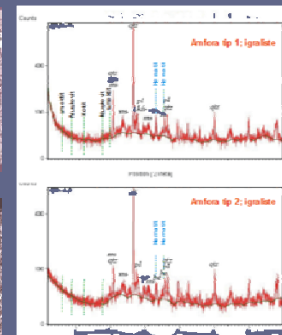
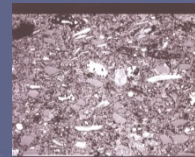
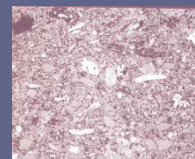
Struktura 3



Tip 2 Crikveničke amfore Dressel 2 – 4

Amfore / anfore /
Amphorae

Glina/argilla / Clay

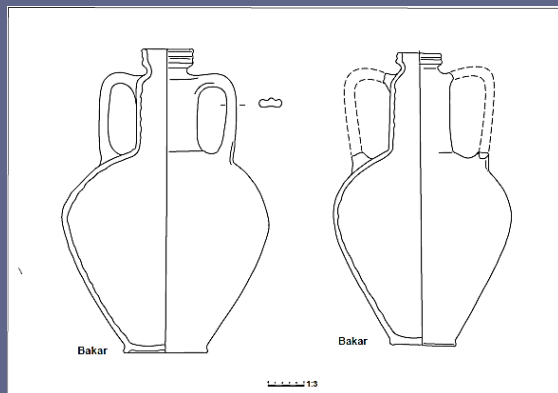


Kemijske analize / Analisi chimiche / Chemical analyses

[illegible]

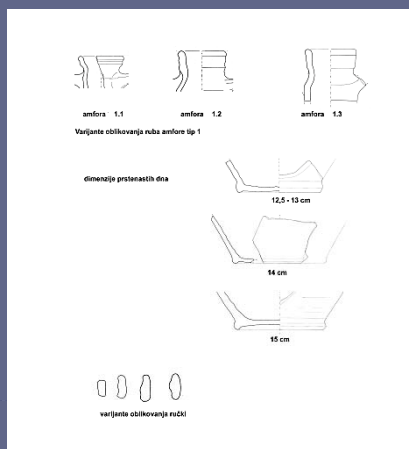
TIPOLOGIJA CRIKVENIČKIH AMFORA

TIP 1 Crikveničke amfore ravnog dna (grupa Jadranskih amfora ravnog dna)

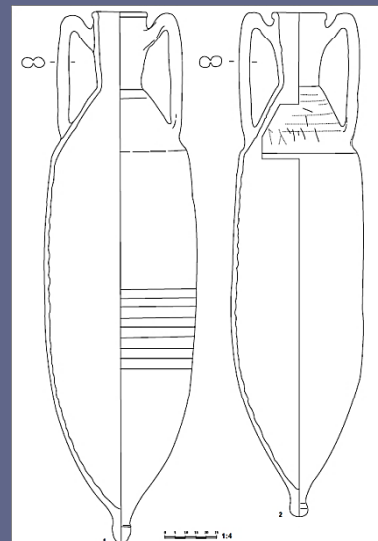


Tip 1 - visina 54 cm /promjer 31cm

Tip 1a - visina 43 cm/promjer 26 cm



TIP 2 Crikveničke amfore Dressel 2 – 4



- visina 96 cm/promjer 27 cm



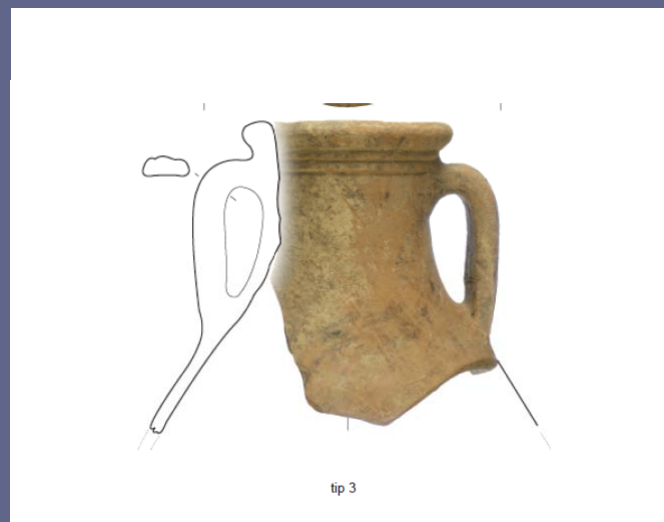
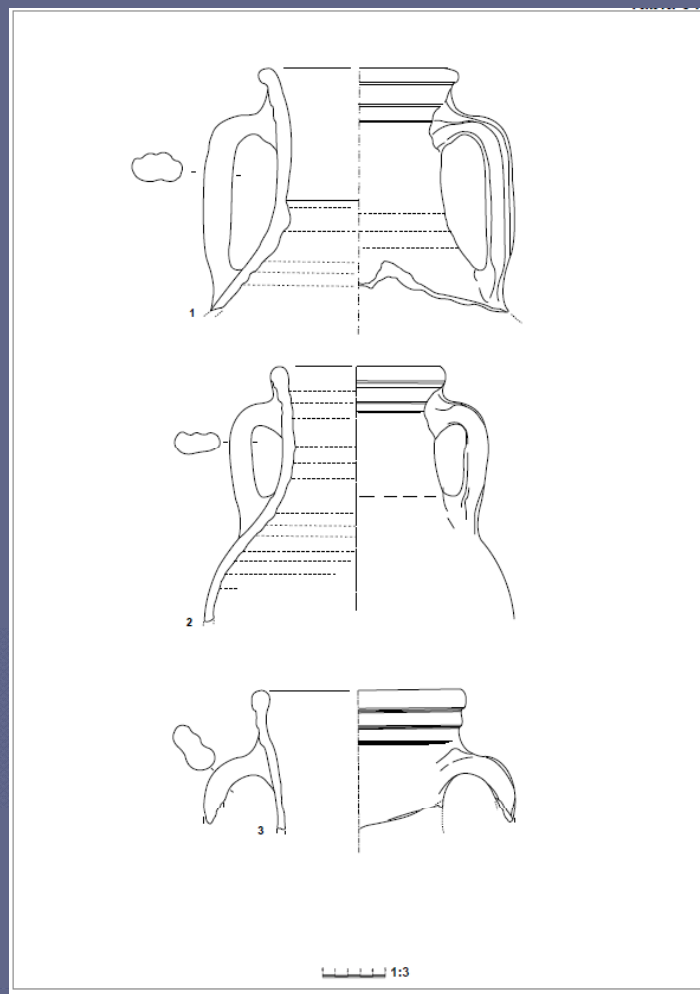
promjer dna: od 13,5 cm do 9,6 cm

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TIPOLOGIJA CRIKVENIČKIH AMFORA

TIP 3

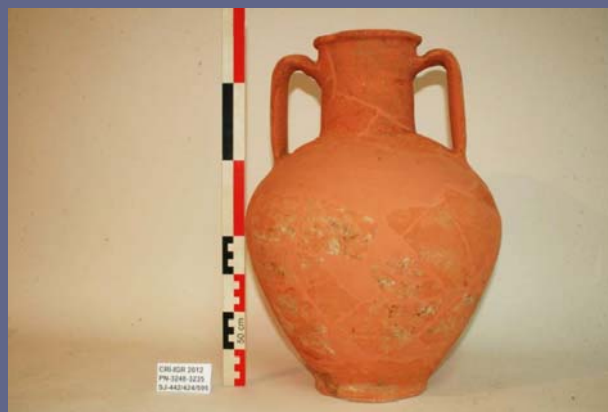
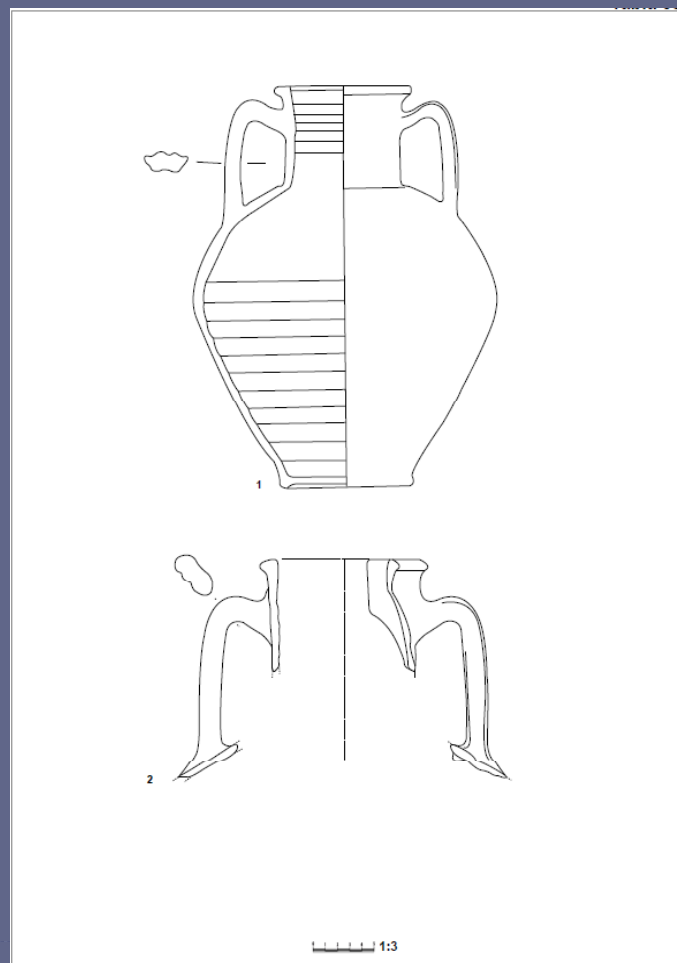


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TIPOLOGIJA CRIKVENIČKIH AMFORA

TIP 4

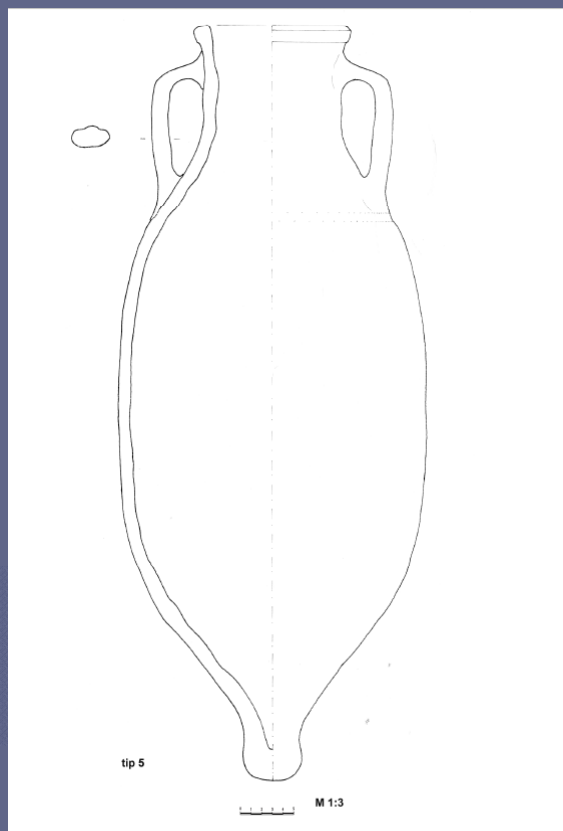


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TIPOLOGIJA CRIKVENIČKIH AMFORA

TIP 5

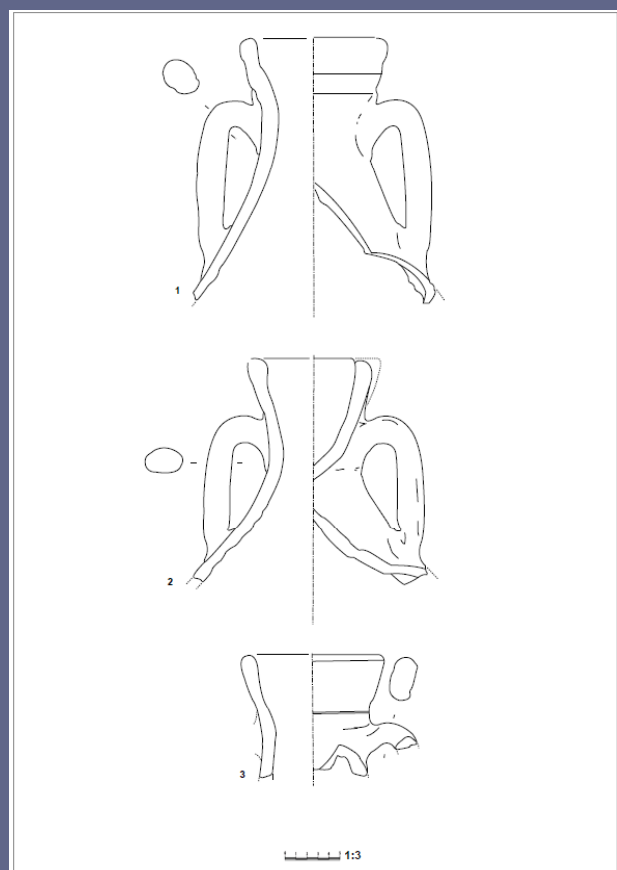


G. Lipovac Vrkljan, Tipologija crikveničkih amfora

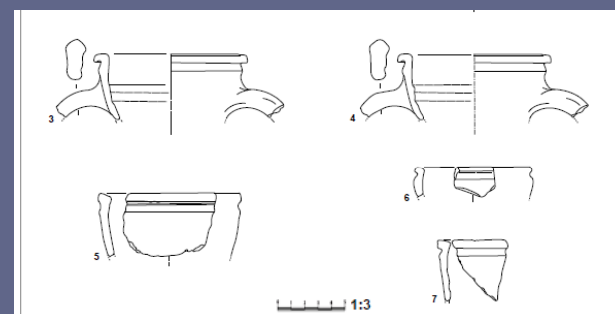
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TIPOLOGIJA CRIKVENIČKIH AMFORA

TIP 6

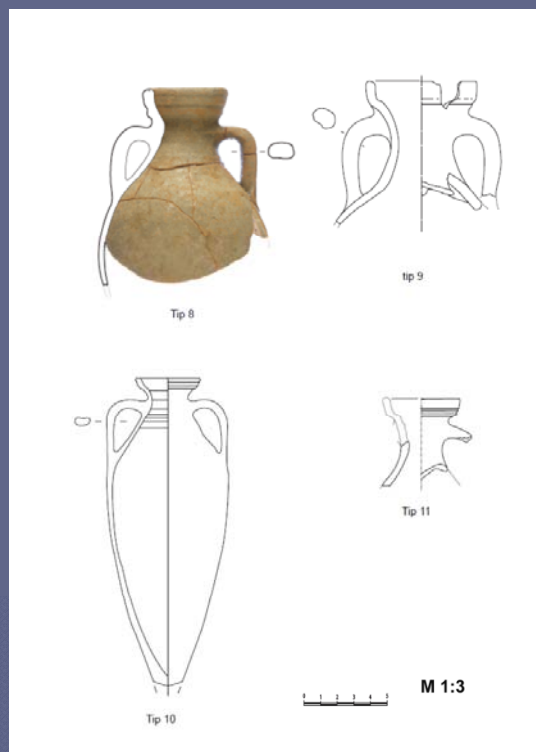


TIP 7

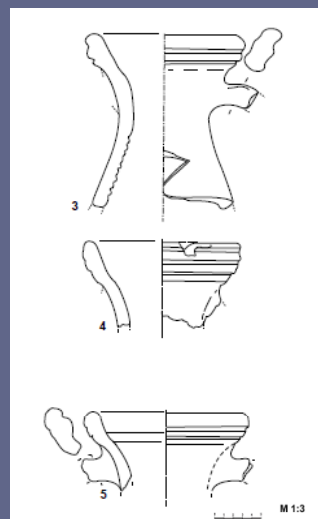


TIPOLOGIJA CRIKVENIČKIH AMFORA

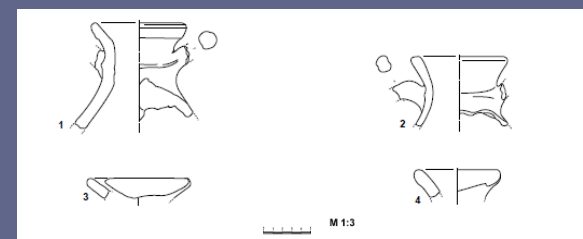
TIPOVI 8 - 11



TIP 10 - varijante

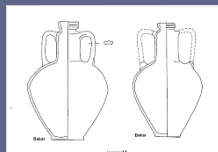


TIP 11 - varijante malih amfora

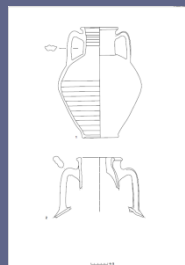


Pregled tipologije crikveničkih amfora

Tip 1



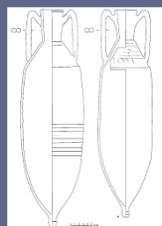
Tip 4



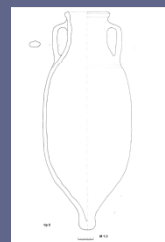
Tip 7



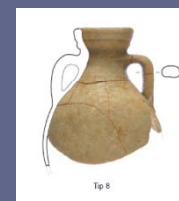
Tip 2



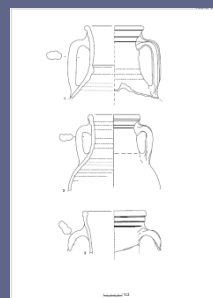
Tip 5



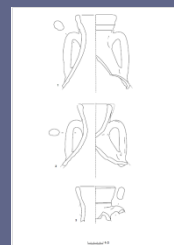
Tip 8



Tip 3



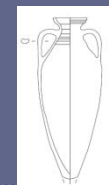
Tip 6



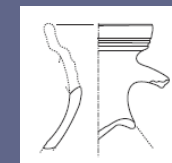
Tip 9



Tip 10



Tip 11



Namjena crikveničkih amfora
Il contenuto delle anfore di Crikvenica
The content of Crikvenica amphorae

Tip 1 – Crikveničke amfore ravnog dna : VINO/VINO/ WINE



Tip 2 – Crikveničke amfore Dressel 2 – 4: VINO/VINO /WINE



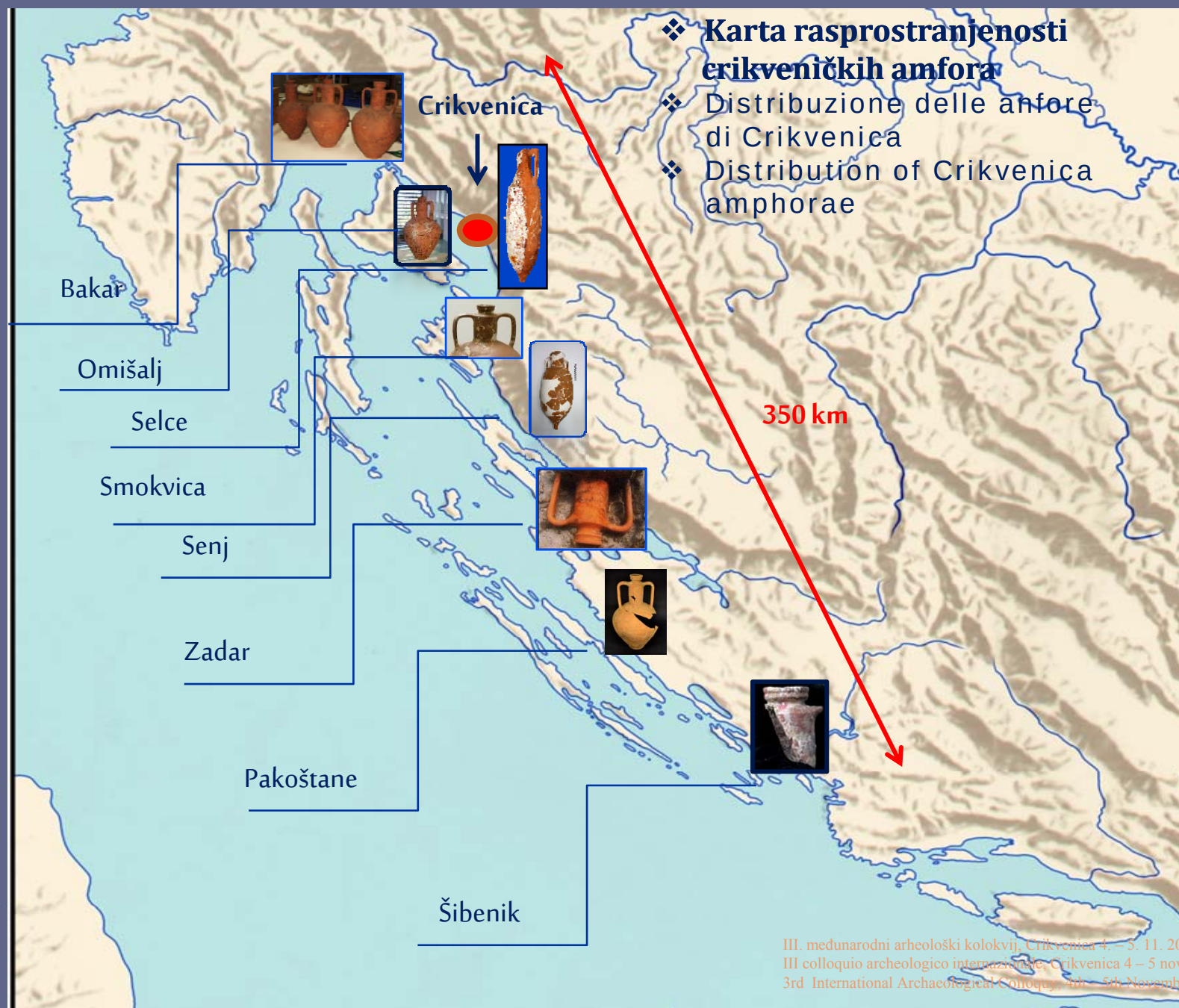
Tip 3 – Tip 11 ?

- Prema pejzažnim obilježjima i podacima o uzgoju maslina sve do polovice 19. stoljeća uz ovaj je prostor moguće vezati i proizvodnju maslina.
- Neke od crikveničkih amfora mogle su biti namijenjene i za prijevoz ribljih prerađevina

❖ Karta rasprostranjenosti erikveničkih amfora

❖ Distribuzione delle anfore di Crikvenica

❖ Distribution of Crikvenica amphorae



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Hvala na pažnji !
Grazie per l'attenzione!
Thank you for your attention!