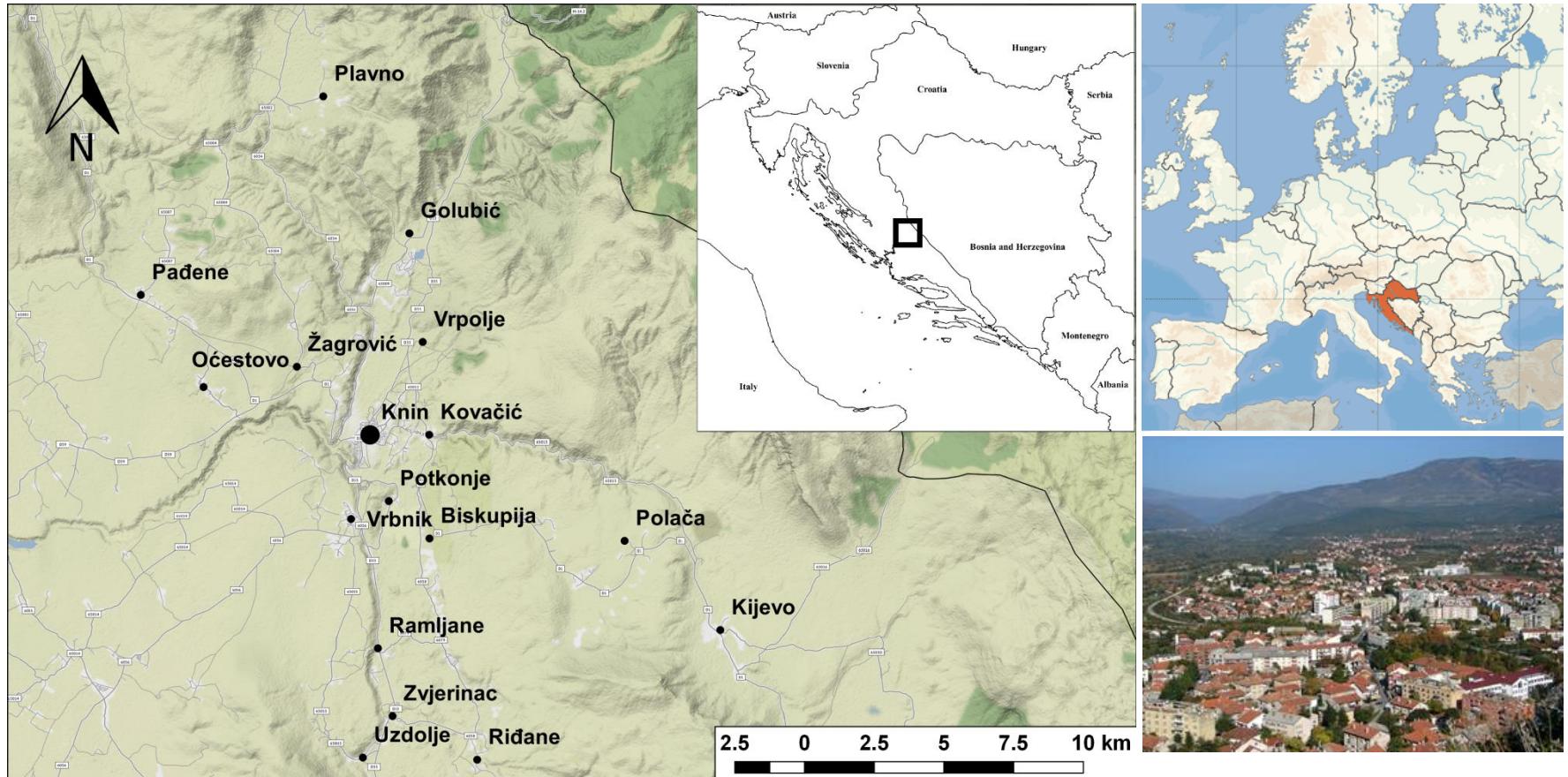




The Use of Medicinal Plants in the Knin Area, Croatia

Marija Jug-Dujaković, Ivana Šolić,
Martina Grdiša, Łukasz Łuczaj, Filip Varga

Study area



14 settlements in Knin area belonging to 5 municipalities

Study site

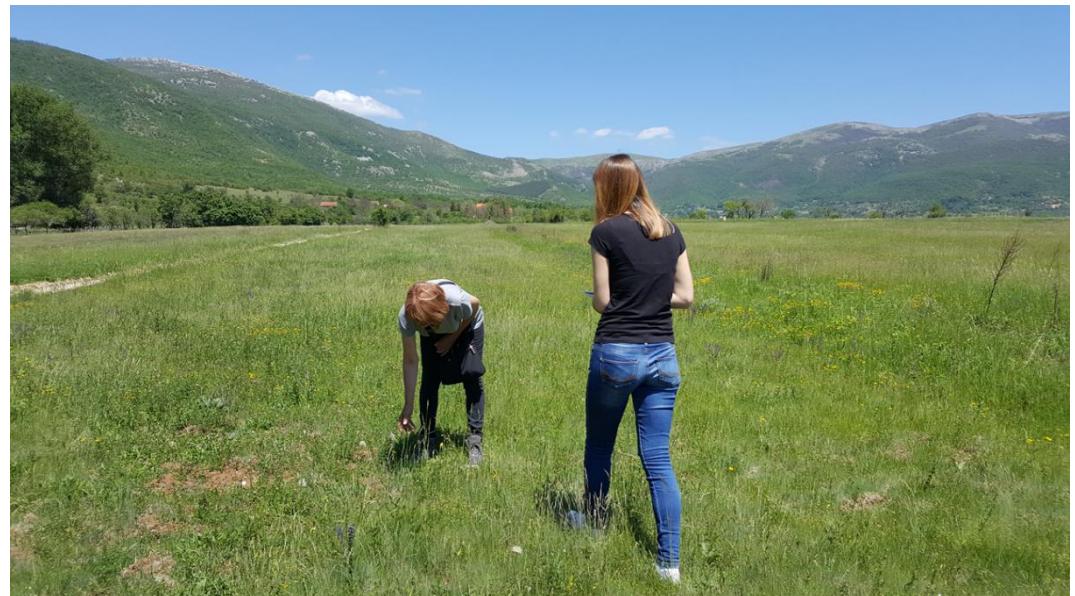


the climate:
sub-Mediterranean
to continental-mountain type

Method

- ▶ April 2016 to June 2017
- ▶ semi-structured interviews
- ▶ snow-ball method
- ▶ native inhabitants
(or most of life)
- ▶ 34 interviews
- ▶ 42 informants (35 +7)
- ▶ mean age 68 (21 - 87)
- ▶ median age 71

part of
broader
research



Numbers

- ▶ 82 plant species
- ▶ 36 families
- ▶ 138 vernacular names
- ▶ Rosaceae 14
- ▶ Lamiaceae 10
- ▶ Asteraceae 9

- ▶ min species/interview 1
- ▶ max species/interview 20
- ▶ average sp/interview 7.8
- ▶ median sp/interview 6



Local importance of each plant species - relative frequency of citation (RFC)

Hypericum perforatum L. 0.65



Plantago major L. 0.38



Rumex pulcher L. 0.38



Crataegus monogyna Jacq. 0.29



Salvia officinalis L. 0.27



Rubus ulmifolius Schott 0.27



Calendula officinalis L. 0.27



Artemisia absinthium L. 0.27

Urtica dioica L. 0.24



35 species were mentioned only one time

The most important medicinal plant species used in the treatment of various diseases (FL)

Chelidonium majus L.



warts

Cydonia oblonga Mill.

diarrhea

Helichrysum italicum (Roth) G. Don

skin



Rumex pulcher L.

diarrhea



Equisetum arvense L.

urinary tract

Sempervivum tectorum L.

earache



Crataegus monogyna Jacq.

heart

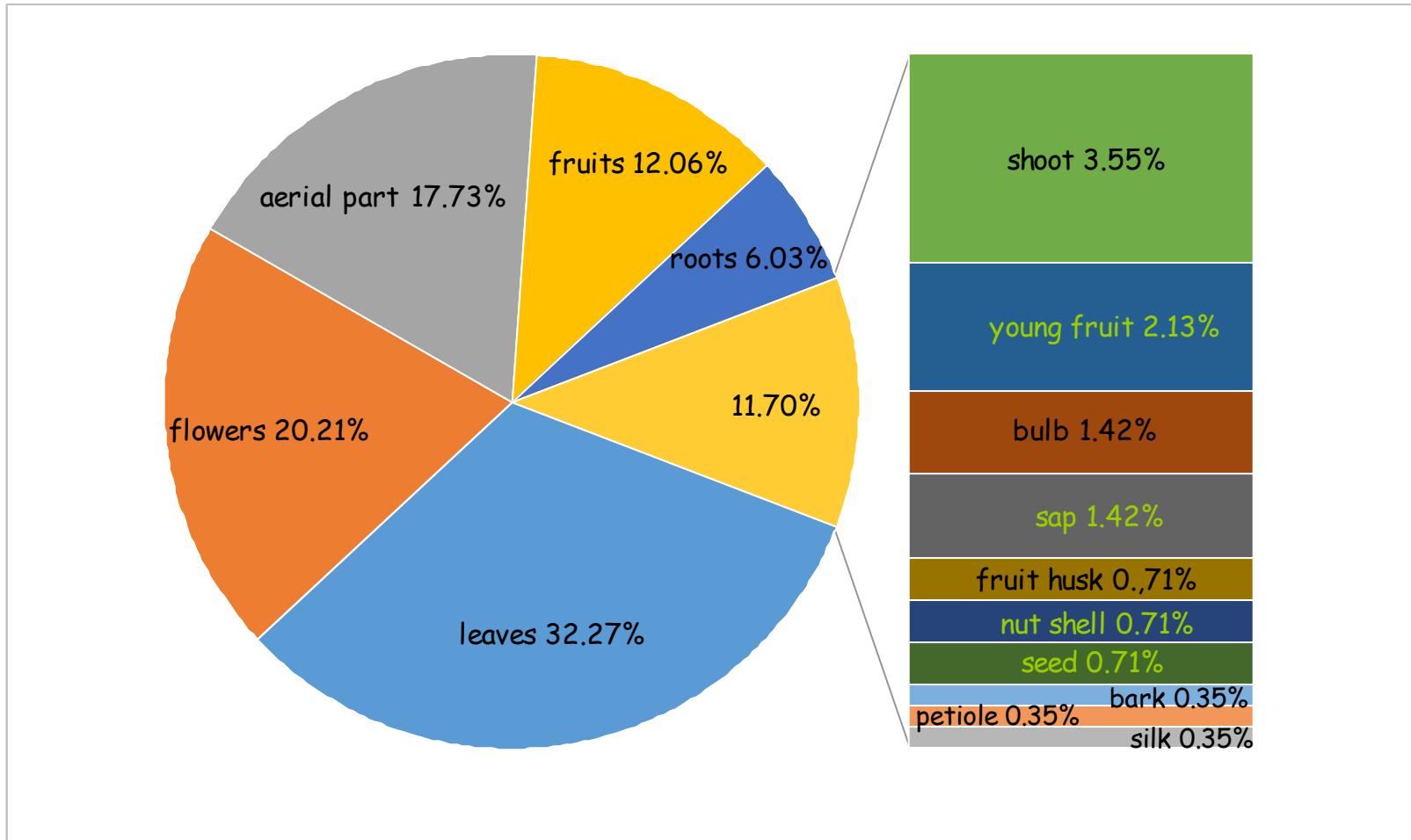


The most important medicinal plant species used in the treatment of various diseases (FL)

<i>Allium cepa</i> L.	cough
<i>Artemisia absinthium</i> L.	stomach
<i>Juglans regia</i> L.	thyroid
<i>Juniperus oxycedrus</i> L.	kidney
<i>Melissa officinalis</i> L.	sedative
<i>Plantago lanceolata</i> L.	cough



The plant parts mostly used



14 disease categories -92 specific uses

Category	Specific uses	Species for the category	Informants treat category	Use reports for category
Circulatory and Blood System Disorders	10	24	23	48
Digestive System Disorders	14	24	23	54
Genitourinary System Disorders	9	20	20	33
Injuries	6	12	22	35
Respiratory system Disorders	10	23	18	45

Ailments - specific use

141 specific use reports for ailments

specific use	# of use reports
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wounds	29
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cough	22
-------	----

diarrhea	20
----------	----

stomach	17
---------	----

urinary tract	15
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lungs	13
-------	----

heart	13
-------	----

common cold	12
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Something new!



headache

Achillea sp.

tinkturuša, tintorova trava



Preparation



THANK YOU!