

Primary data of diversity of spiders in province Lori, Armenia

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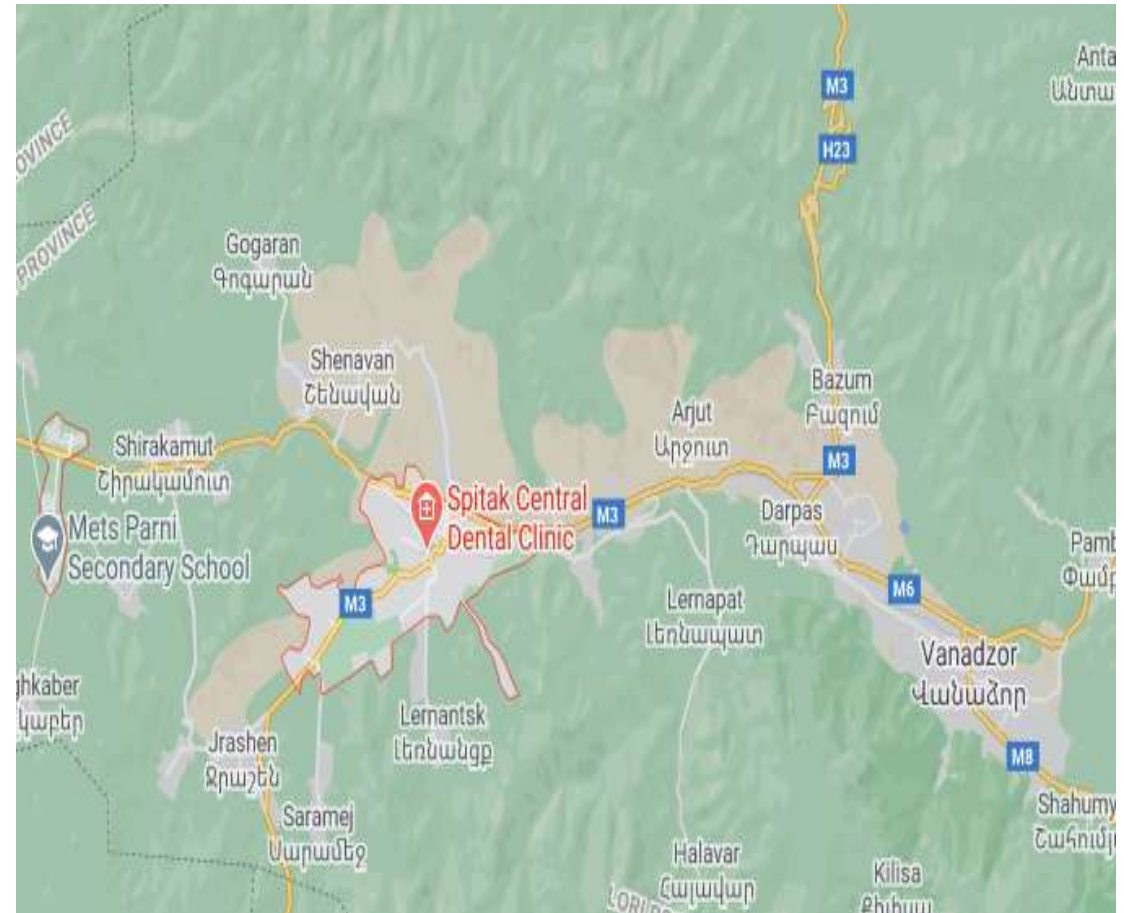
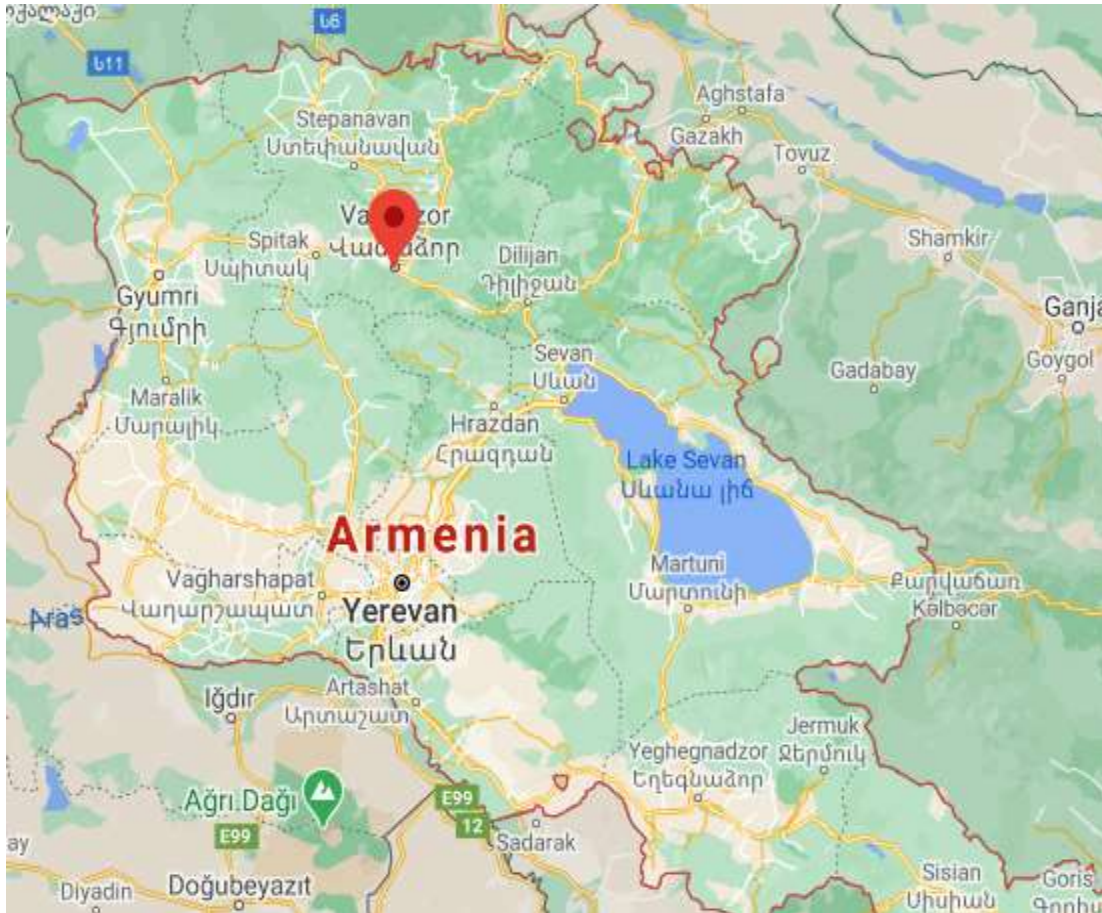


My research I did in Lori region of Armenia.

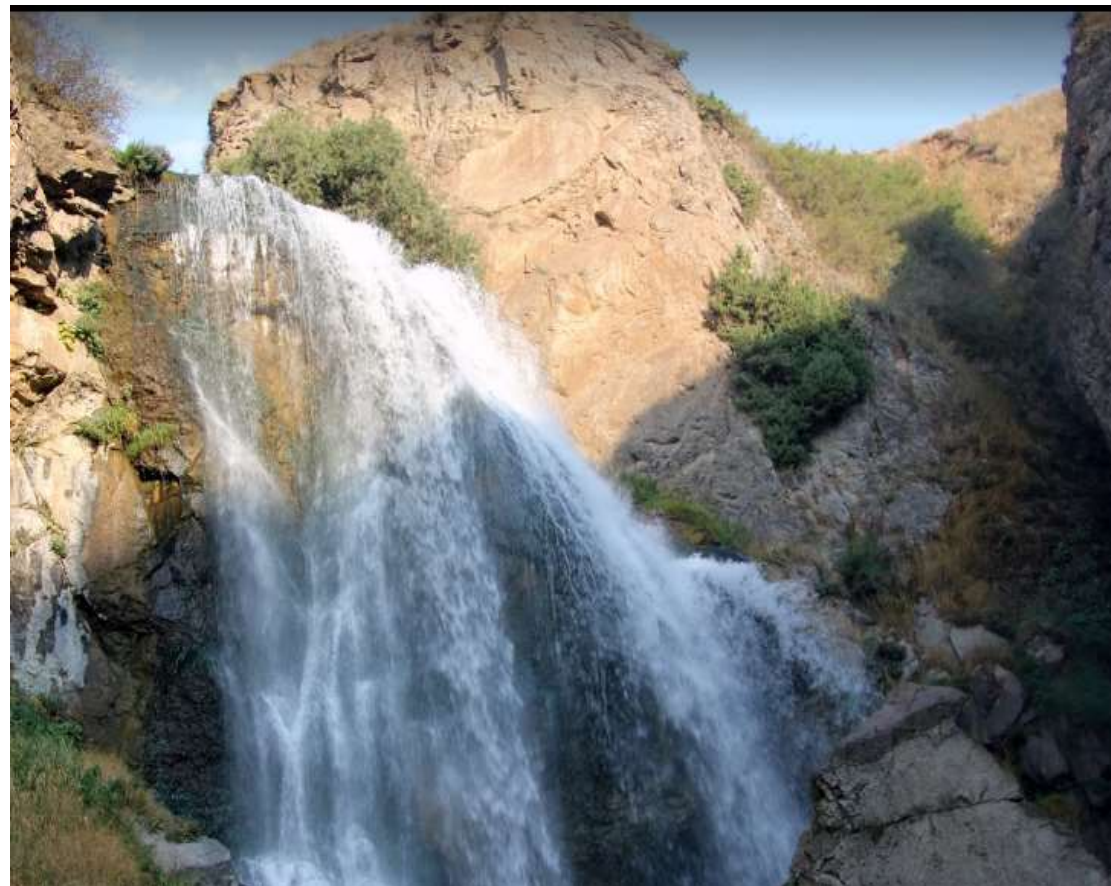
Lori region is located in the North part of Armenia, bordering Georgia.

The landscape is very different, lowland, mountainous, rocky steppe, semi-desert, and etc. I have collected spiders in the Spitak region of Lori Province.

I started collecting spider species last year, from May of 2020.



Spitak Region of Armenia. Trchkan Waterfall



Village Mets Parni

Pambak river and Saint Hovhannes Shrine



Village Mets Parni Landscape



I have collected 350 individuals from different habitats of the Lori Region and near 500 individuals from different parts of Armenia. For the database, I take location information (country, region, place), habitat information (GPS coordinates, altitude above sea level, vegetation type, habitat type), and collection information (collector, date, collecting methods, and temperature).

3	location information				habitat information		collection information					
4							tree, stones, burrows, flowers, etc					
5	code	country	region	place	coordinates (N,E)	titude above sea lev	vegetation type/habitat type	microhabitat	collector	date	collecting method	temperatu
6	20200522-001	Armenia	Spitak	Mets Parni	40°49'56.7"N 44°06'00.2"E		Home, web		A.Kosyan	22.05.2020	hand collecting	18° C
7	20200522-002	Armenia	Spitak	Mets Parni	40°49'28.4"N, 44°07'22.1"E		Home, web		A.Kosyan	22.05.2020	hand collecting	18° C
8	20200522-003	Armenia	Spitak	Mets Parni	40°50'04.9"N, 44°07'27"E		Hencoop,web		A.Kosyan	22.05.2020	hand collecting	19° C
9	20200522-004	Armenia	Spitak	Mets Parni	40°49'54.6"N, 44°06'26.5"E		Neer home,no web	stone	A.Kosyan	22.05.2020	hand collecting	19° C
10	20200522-005	Armenia	Spitak	Mets Parni	40°50'02.6"N, 44°06'25.3"E		barn web		A.Kosyan	22.05.2020	hand collecting	19° C
11	20200522-006	Armenia	Spitak	Mets Parni	40°50'02.6"N, 44°06'25.3"E		barn web		A.Kosyan	22.05.2020	hand collecting	20° C
12	20200522-007	Armenia	Spitak	Mets Parni	40°51'32"N, 44°03'10.9"E		neer barn, web	sunny day	A.Kosyan	22.05.2020	hand collecting	20° C
13	20200522-008	Armenia	Spitak	Mets Parni	40°50'02.8"N, 44°06'25.9"E		neer barn, web	sunny day	A.Kosyan	22.05.2020	hand collecting	20° C
14	20200522-009	Armenia	Spitak	Mets Parni	40°50'02.8"N, 44°06'25.9"E		neer barn, web	sunny day, in the stone	A.Kosyan	22.05.2020	hand collecting	22° C
15	20200522-010	Armenia	Spitak	Mets Parni	40°50'02.1"N, 44°06'24.1"E		home second floure web	sunny day,	A.Kosyan	22.05.2020	hand collecting	22° C
16	20200522-011	Armenia	Spitak	Mets Parni	40°50'02.1"N, 44°06'24.1"E		home second floure web	sunny day,	A.Kosyan	22.05.2020	hand collecting	23° C
17	20200522-012	Armenia	Spitak	Mets Parni	40°49'56.7"N, 44°06'00.2"E		home second floure web	sunny day,	A.Kosyan	22.05.2020	hand collecting	23° C
18	20200522-013	Armenia	Spitak	Mets Parni	40°50'02.6"N, 44°06'26"E		manure gomaxb no web	sunny day,	A.Kosyan	22.05.2020	hand collecting	24° C
19	20200522-014	Armenia	Spitak	Mets Parni	40°49'56.7"N, 44°01'22.5"E		stone, web	sunny day	A.Kosyan	22.05.2020	hand collecting	24° C
20	20200522-015	Armenia	Spitak	Mets Parni	40°49'54.6"N, 44°06'26.5"E		on the wall, web	sunny day, on the wall	A.Kosyan	22.05.2020	hand collecting	24° C
21	20200522-016	Armenia	Spitak	Mets Parni	40°50'02"N, 44°06'24.5"E		in the soil,hoxi mej, no web	sunny day	A.Kosyan	22.05.2020	hand collecting	24° C
22	20200522-017	Armenia	Spitak	Mets Parni	40°50'01,8"N, 44°06'24.8"E		in the soil,hoxi mej, no web	windy weather	A.Kosyan	22.05.2020	hand collecting	24° C
23	20200522-018	Armenia	Spitak	Mets Parni	40°50'01,8"N, 44°06'24.8"E		between the stones, no web	windy weather	A.Kosyan	22.05.2020	hand collecting	24° C

Recently I started the identification of spiders.

Among the studied samples, we find two species: *Tegenaria domestica* (Clerck, 1757) from Agelenidae family and *Trochosa robusta* (Simon, 1876) from Lycosidae family, which are new records for the fauna of Armenia. To be sure, we need to check this later Barcoding of spiders in CaBOL project. I hope we will have many new species for Armenia because the spider's species of Armenia not studied well.



The result of this study will be getting new information about spiders of Armenia

Our aims are:

Creation of database of spiders of Armenia (species, regions, location, date, habitat, vegetation type, collector) for collection of spiders from all Armenia

Creation of collection of spiders from all parts of Armenia

Barcoding of spiders in framework of CABOL project

Moreover, the results of the study will be used as part of my Ph.D. thesis

Thank you for your attention

