

# La forêt hyrcanienne d'Iran

13 au 22 avril 2017

Philippe de Spoelberch

US Dept of State Geographer  
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Data S.O., NOAA, U.S. Navy, NGA, GEBCO  
Image Landsat / Copernicus



eye alt

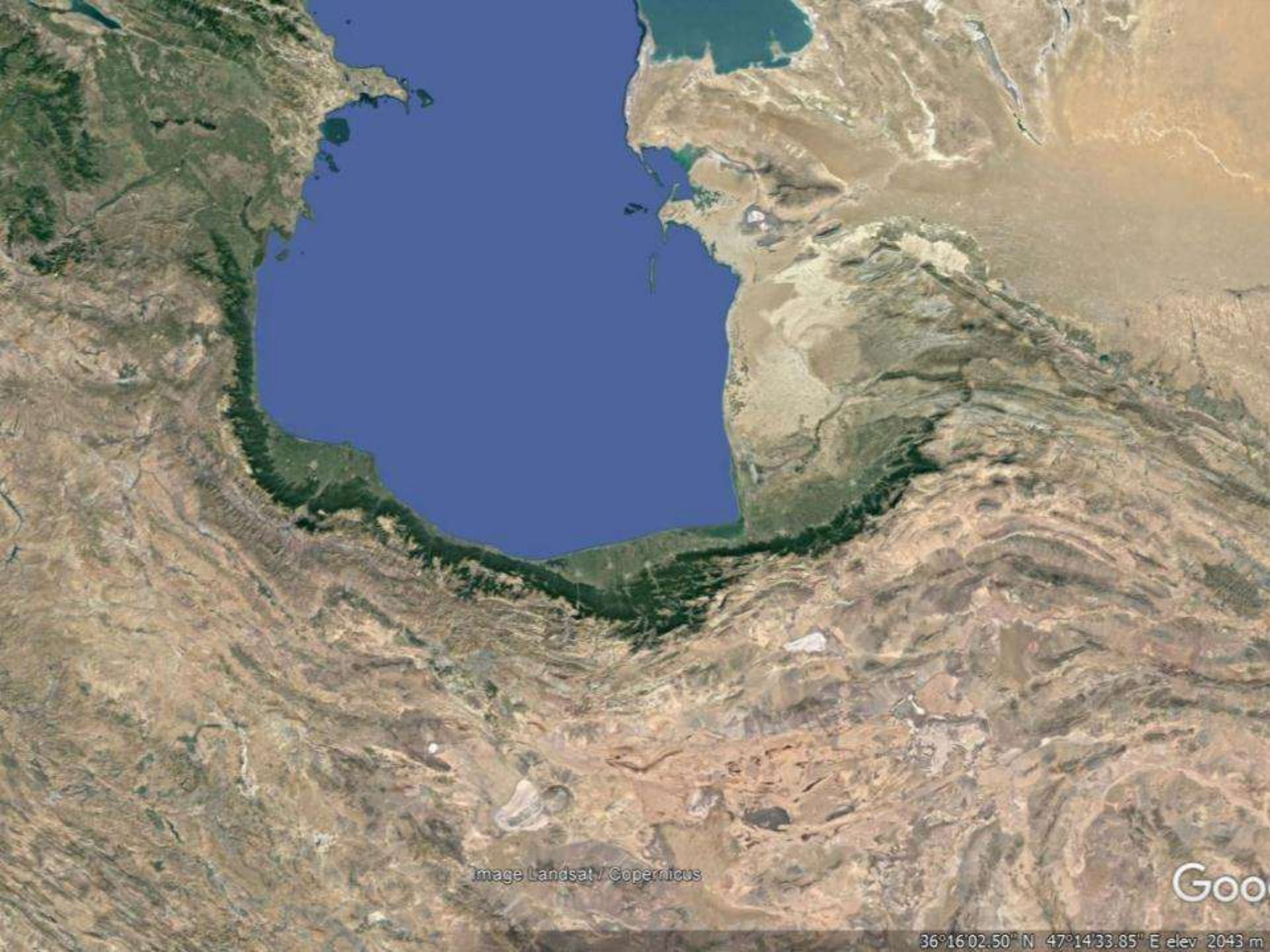
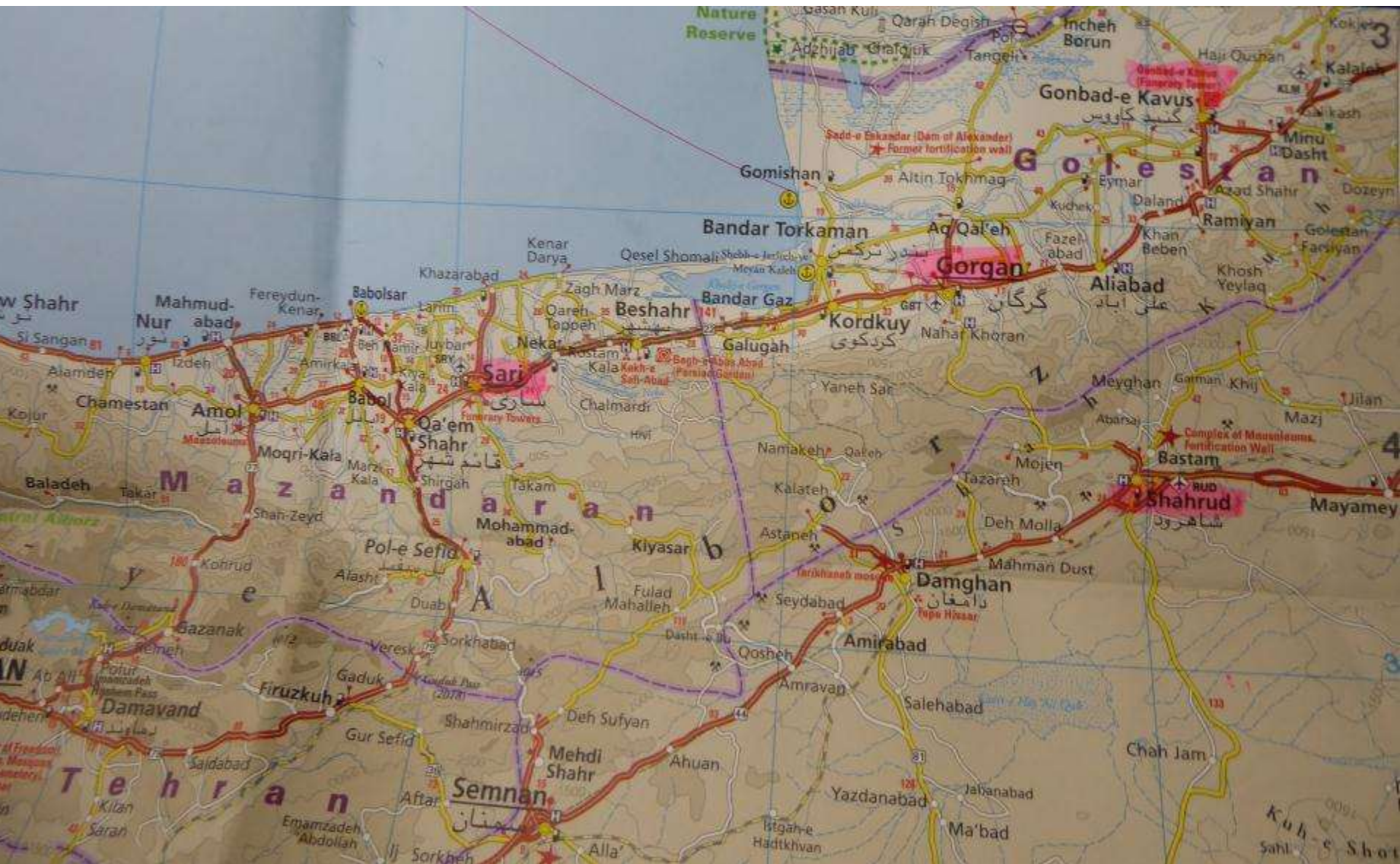


Image Landsat / Copernicus

Go

36°16'02.50" N 47°14'33.85" E elev: 2043 m









Col de Firuzkuh, 2050m, 13 avril











*Juniperus communis* – Pass, Firuzkuh 2020m - 2017.0413



*Juniperus communis* – Pass, Firuzkuh 2020m - 2017.0413





*Iris reticulata* var. *hyrcana* - Pass, Firuzkuh, 2020 m - 2017.0413



*Iris reticulata* var. *hyrcana* - Pass, Firuzkuh, 2020 m - 2017.0413



*Gagea fistulosa* aff. - Pass, Firuzkuh - 2017.0413



*Colchicum robustum* - Pass, Firuzkuh





Kamar Poscht, Iran - 2017.0413





*Acer monspessulanum* - Kamar Poscht, Iran - 2017.0413



*Acer monspessulanum* - Kamar Poscht, Iran - 2017.0413



*Acer monspessulanum* - Kamar Poscht, Iran - 2017.0413





Zelkova carpinifolia - Kamar Poscht, Iran - 2017.0413



Zelkova carpinifolia - Kamar Poscht, Iran - 2017.0413





Zelkova carpinifolia - Kamar Poscht, Iran - 2017.0413



*Fagus orientalis* - Kamar Poscht, Iran - 2017.0413









*Prunus spinosa* - Kamar Poscht, Iran - 2017.0413



*Viola odora* , *Primula vulgaris* var. *heterochroma* - Kamar Poscht, Iran - 2017.0413



Ornithogallum sintenisii - Kamar Poscht, Iran - 2017.0413





*Tulipa sultanabadense* - Kamar Poscht, Iran - 2017.0413



Sari, 14 avril

*Alnus subcordata* - Sari, Iran, 250m - 2017.0414







*Fagus orientalis*, Zelkova (left) - Sari, Iran - 2017.0414



*Fagus orientalis*, Zelkova (left) - Sari,Iran - 2017.0414



Zelkova carpinifolia (suckers) - Sari,Iran -



Zelkova carpinifolia (suckers) - Sari,Iran -





Quercus castaneifolia - Sari,Iran - 2017.0414



Quercus castaneifolia - Sari,Iran - 2017.0414



*Quercus castaneifolia* - Sari,Iran - 2017.0414



*Parrotia persica* - Sari,Iran - 2017.0414



*Parrotia persica* - Sari,Iran - 2017.0414

Hyrcanian forest, Sari 14 April 2017

*Parrotia persica*  
(both)

*Carpinus betulus*

*Quercus petraea*  
subsp. *iberica*

*Quercus*  
*castaneifolia*

*Fagus orientalis*

*Zelkova*  
*carpinifolia*





*Rhynchosorys maxima* (Orobanchaceae) - Sari, Iran - 2017.0414

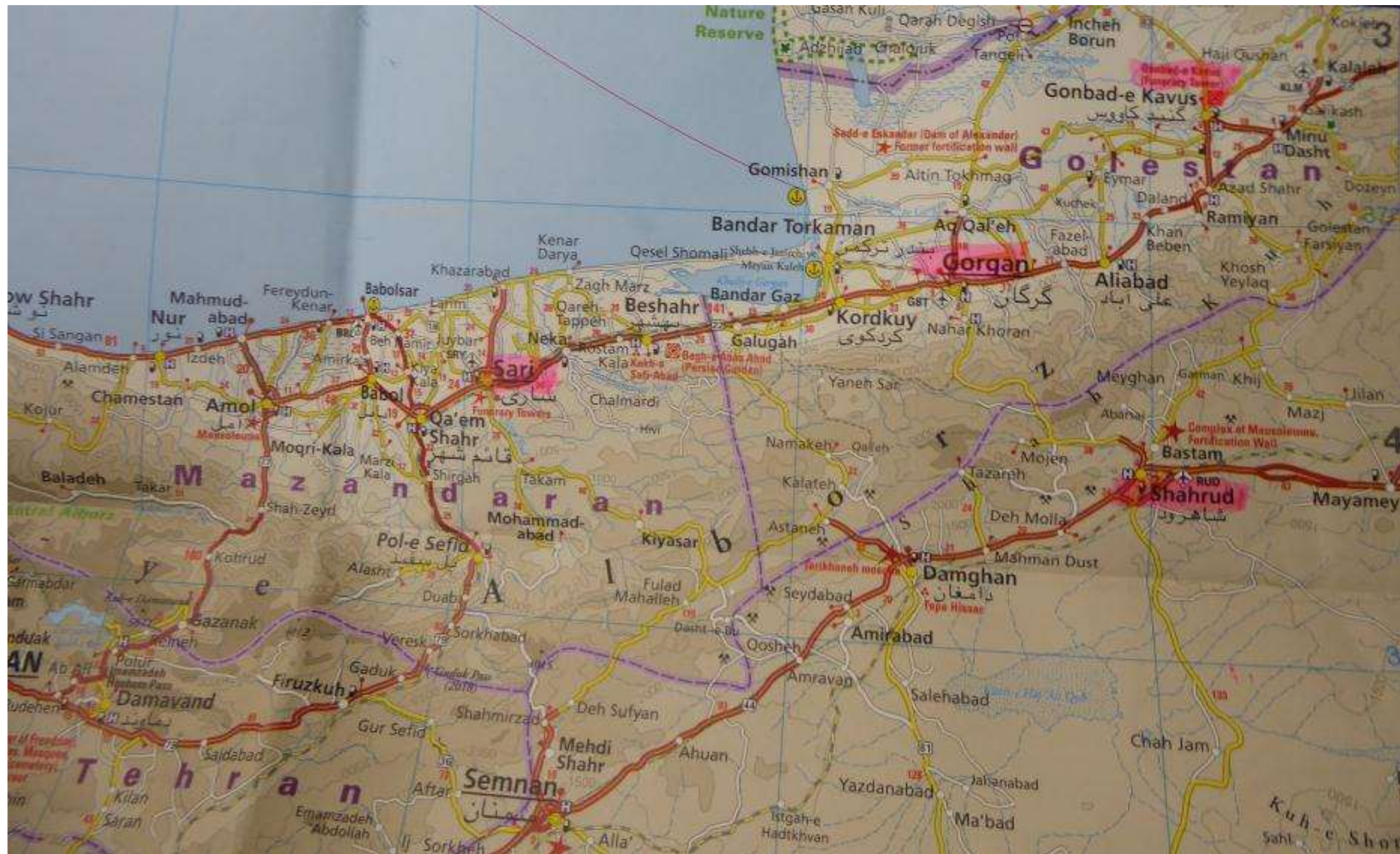


*Rhynchocorys maxima* (Orobanchaceae) - Sari, Iran - 2017.0414





*Rhynchocorys maxima* (Orobanchaceae) - Sari, Iran - 2017.0414



Miankaleh Wildlife Refuge, Caspian sea shore, Iran - 2017.0414



*Celtis australis* subsp. *caucasica* - Miankaleh N.R., Iran - 2017.0414



*Celtis australis* subsp. *caucasica* - Miankaleh N.R., Iran - 2017.0414



*Celtis australis* subsp. *caucasica* - Miankaleh N.R., Iran - 2017.0414



*Celtis australis* subsp. *caucasica* - Miankaleh N.R., Iran - 2017.0414





Deraznou Forest Gorgan

15 Avril





*Acer velutinum* - Deraznou Forest, Gorgan, Iran, 2017.0415



*Acer velutinum* - Deraznou Forest, Gorgan, Iran, 2017.0415

A lush green forest scene with tall trees and a stream in the background. The trees are dense and vibrant green, with some fallen logs on the ground. The scene is captured in a natural, slightly overcast light.

# Abr Forest, Gorgan 2017.0415

*Acer velutinum*, *Alnus subcordata*, - Abr Forest, Gorgan, Iran - 2017.0415







A photograph of a paved road winding through a dense forest. The scene is shrouded in a thick mist or fog, which softens the details of the trees and the road. The road has a white dashed line down the center. In the distance, a group of people can be seen walking along the road. The overall atmosphere is quiet and ethereal.

Afra takhteh, Ali-abad,  
16 Avril










*Colutea buhsei* - Afra takhteh, Ali-abad, Iran - 2017.0416





A scenic view of a village with a large mountain in the background under a blue sky with clouds. The foreground shows several simple, dark-colored buildings with flat roofs. A dirt road curves through the village, and a white van is visible in the distance. The mountain in the background is covered in green vegetation and has a rounded peak. The sky is a clear blue with scattered white clouds.

to ShirAbad cascade  
17 avril 2017





*Pterocarya fraxinifolia* - ShirAbad cascade



*Diospyros lotus* - ShirAbad cascade - 2017.0417





*Diospyros lotus* - ShirAbad cascade - 2017.0417

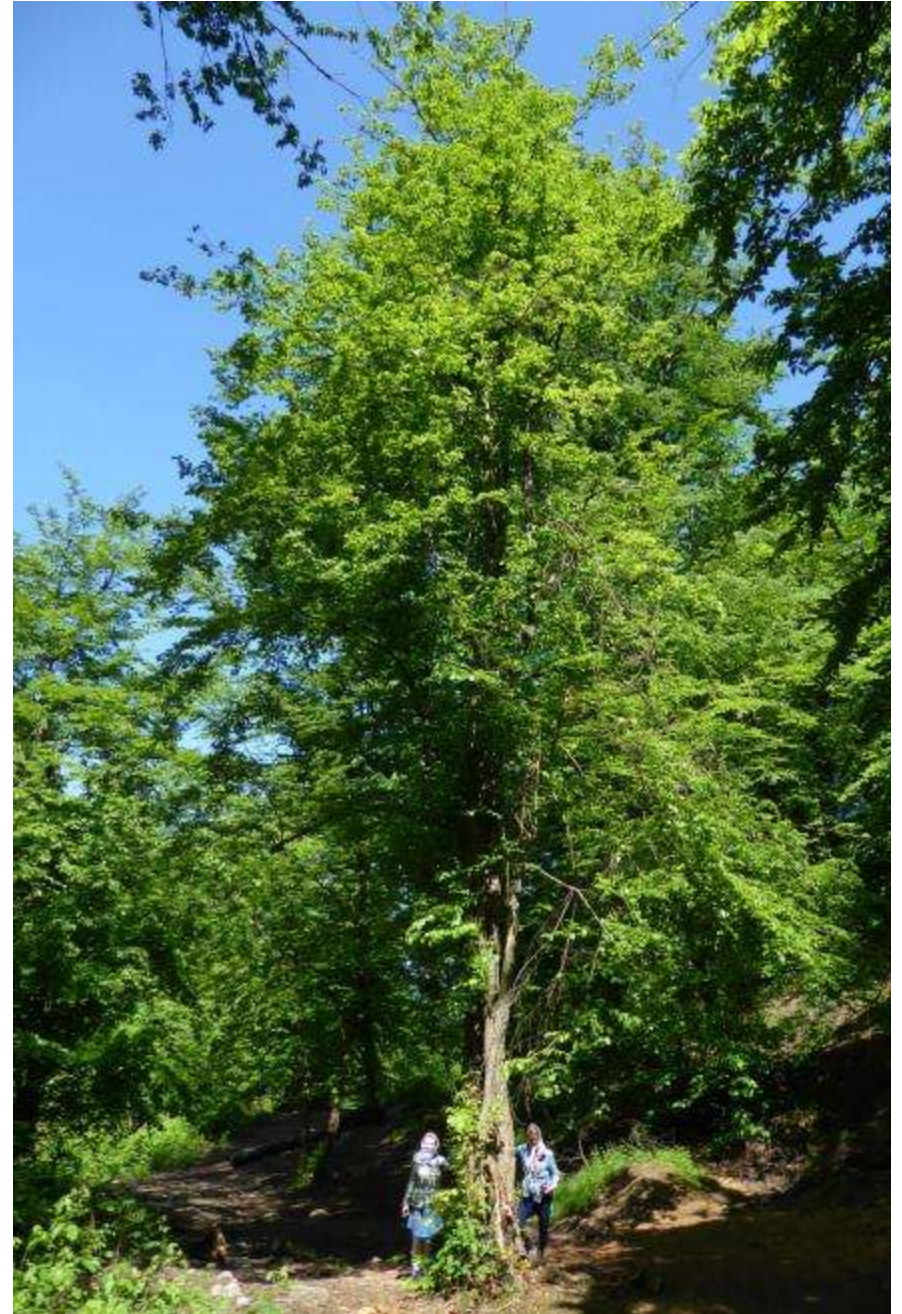


*Diospyros lotus* - ShirAbad cascade - 2017.0417



Acer velutinum giant - ShirAbad cascade, Iran-





Parrotia persica - ShirAbad cascade

An aerial photograph of a rugged, rocky mountain landscape. The terrain is characterized by brown and tan rock formations with visible geological layering and textures. A deep, narrow valley runs through the center, filled with dense green vegetation. The sky is a clear, deep blue. The overall scene is a dramatic natural landscape.

# Golestan National Park

## 18 au 20 Avril 2017



22  
Golestan National Park  
North Khorasan

Golestan  
Gonbad Kavus

Olang

72  
Gorgan

18  
Torqaman

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Image Landsat / Copernicus  
US Dept of State Geographer

83

37°31'45.96" N 56°21'38.92" E elev 115









*Celtis australis* subsp. *caucasica* - Western Golestan, Iran-2017.0418



*Celtis australis* subsp. *caucasica* - Western Golestan, Iran-2017.0418





Zelkova carpinifolia - Western Golestan, Iran-2017.0418



Platanus orientalis - Western Golestan, Iran-2017.0418



Platanus orientalis - Western Golestan, Iran-2017.0418



*Tilia dasystyla* subsp. *caucasica* - Western Golestan, Iran-2017.0418





*Tilia dasystyla* subsp. *caucasica* - Western Golestan, Iran-2017.0418



*Tilia dasystyla* subsp. *caucasica* - Western Golestan, Iran-2017.0418







Tulipa sp.4 - Western Golestan, Iran-2017.0418



*Carpinus orientalis* - Western Golestan, Iran-2017.0418



*Carpinus orientalis* - Western Golestan, Iran-2017.0418



*Carpinus orientalis* - Western Golestan, Iran-2017.0418





*Acer hyrcanum* - Western Golestan, Iran-2017.0418



*Acer hyrcanum* - Western Golestan, Iran-2017.0418

















*Zelkova carpinifolia* (339cm) - Golestan lowland forest - 2017.0420





*Quercus castaneifolia* - Golestan lowland forest - 2017.0420



*Quercus castaneifolia* - Golestan lowland forest - 2017.0420



*Quercus castaneifolia* - Golestan lowland forest - 2017.0420



*Quercus castaneifolia* - Golestan lowland forest - 2017.0420









*Acer monspessulanum* - Sharleg, Golestan-





*Hyocyanus niger* - Sharleg, Golestan-



Hyocyanus niger - Sharleg, Golestan-



Hyocyanus niger - Sharleg, Golestan-



Golestan, warm south bank - 2017.0420





*Allium rubellum* - Golestan, warm south bank -









*Iris acutiloba* subsp. *lineolata* - Golestan, Dasht hill side 1020m-2017.0420



*Iris acutiloba* subsp. *lineolata* - Golestan, Dasht hill side 1020m-2017.0420



*Iris acutiloba* subsp. *lineolata* - Golestan, Dasht hill side 1020m-2017.0420



*Iris kopetdagensis* - Golestan, Dasht hill side 1020m-2017.0420



Iris kopetdagensis - Golestan, Dasht hill side 1020m-2017.0420



*Glaucium elegans* - Golestan, Dasht hill side 1020m-2017.0420





*Glaucium elegans* - Golestan, Dasht hill side 1020m-2017.0420



Cleome coluteoides - Golestan, Dasht hill side 1020m-2017.0420



*Cleome coluteoides* - Golestan, Dasht hill side 1020m-2017.0420



Cleome coluteoides - Golestan, Dasht hill side 1020m-2017.0420

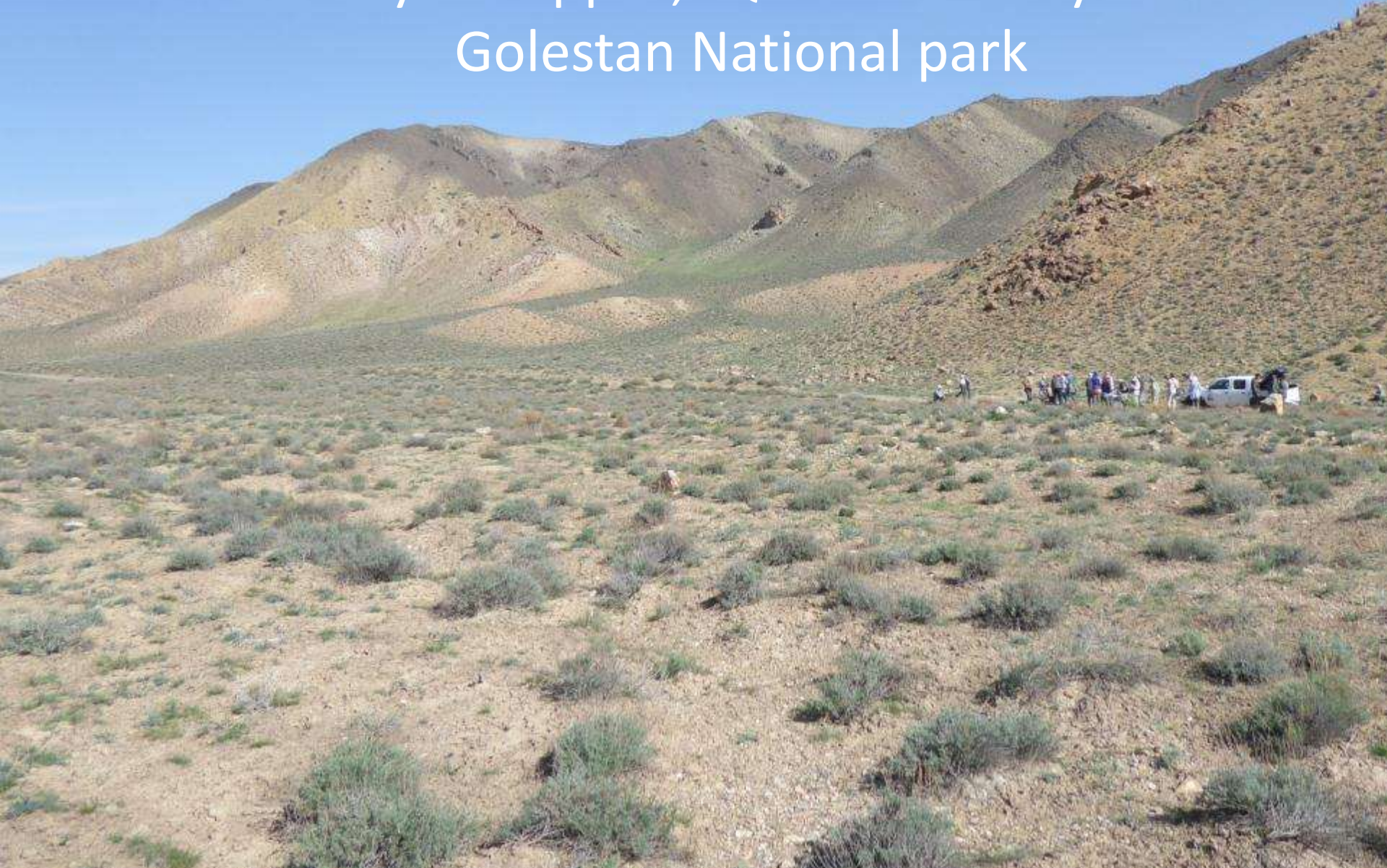


*Colutea porphyrogramma* - Golestan, Dasht hill side 1020m-2017.0420



*Colutea porphyrogramma* - Golestan, Dasht hill side 1020m-2017.0420

Mirza Baylu steppes, Qarhoud valley 19 Avril  
Golestan National park





Urial (mouflons) - Mirza Baylu steppes-2017.0419





*Crambe cordifolia* subsp. *kotschyana* - Mirza Baylu steppes-2017.0419



*Eremurus kopetdaghensis* - Mirza Baylu steppes-2017.0419



Eremurus kopetdaghensis - Mirza Baylu steppes-2017.0419



*Juniperus excelsa* subsp. *polycarpus* - Mirza Baylu steppes-



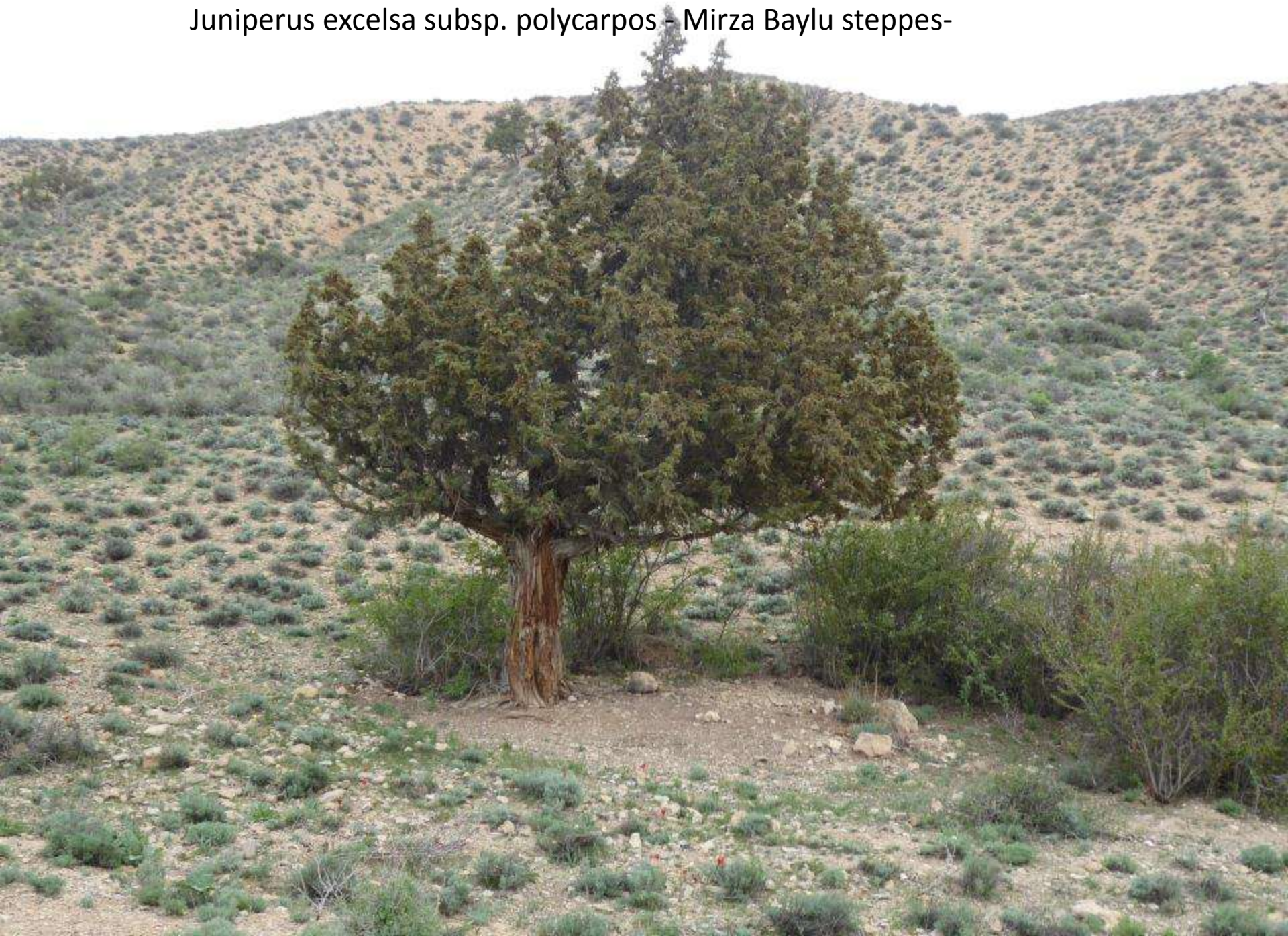
*Juniperus excelsa* subsp. *polycarpus* - Mirza Baylu steppes-



*Juniperus excelsa* subsp. *polycarpus* - Mirza Baylu steppes-



*Juniperus excelsa* subsp. *polycarpus* - Mirza Baylu steppes-







Juniperus excelsa subsp. polycarpus - Mirza Baylu steppes-2017.0419



Juniperus excelsa subsp. polycarpus - Mirza Baylu steppes-2017.0419



Grey neck Bunting - Mirza Baylu steppes-



Crested lark - Mirza Baylu steppes-2017.0419

Lesser White Throat, and *Prunus divaricata* - Mirza Baylu steppes-





*Prunus divaricata* - Mirza Baylu steppes-2017.0419



*Prunus divaricata* - Mirza Baylu steppes-2017.0419







Tulipa montana - Mirza Baylu steppes-2017.0419



Tulipa montana - Mirza Baylu steppes-2017.0419



Tulipa montana - Mirza Baylu steppes-2017.0419







Tulipa micheliana - Mirza Baylu steppes-2017.0419



Tulipa micheliana - Mirza Baylu steppes-2017.0419



Tulipa micheliana - Mirza Baylu steppes-2017.0419





Iris fosteriana - Mirza Baylu steppes-2017.0419



Hyacinthus transcaspicus - Mirza Baylu steppes-



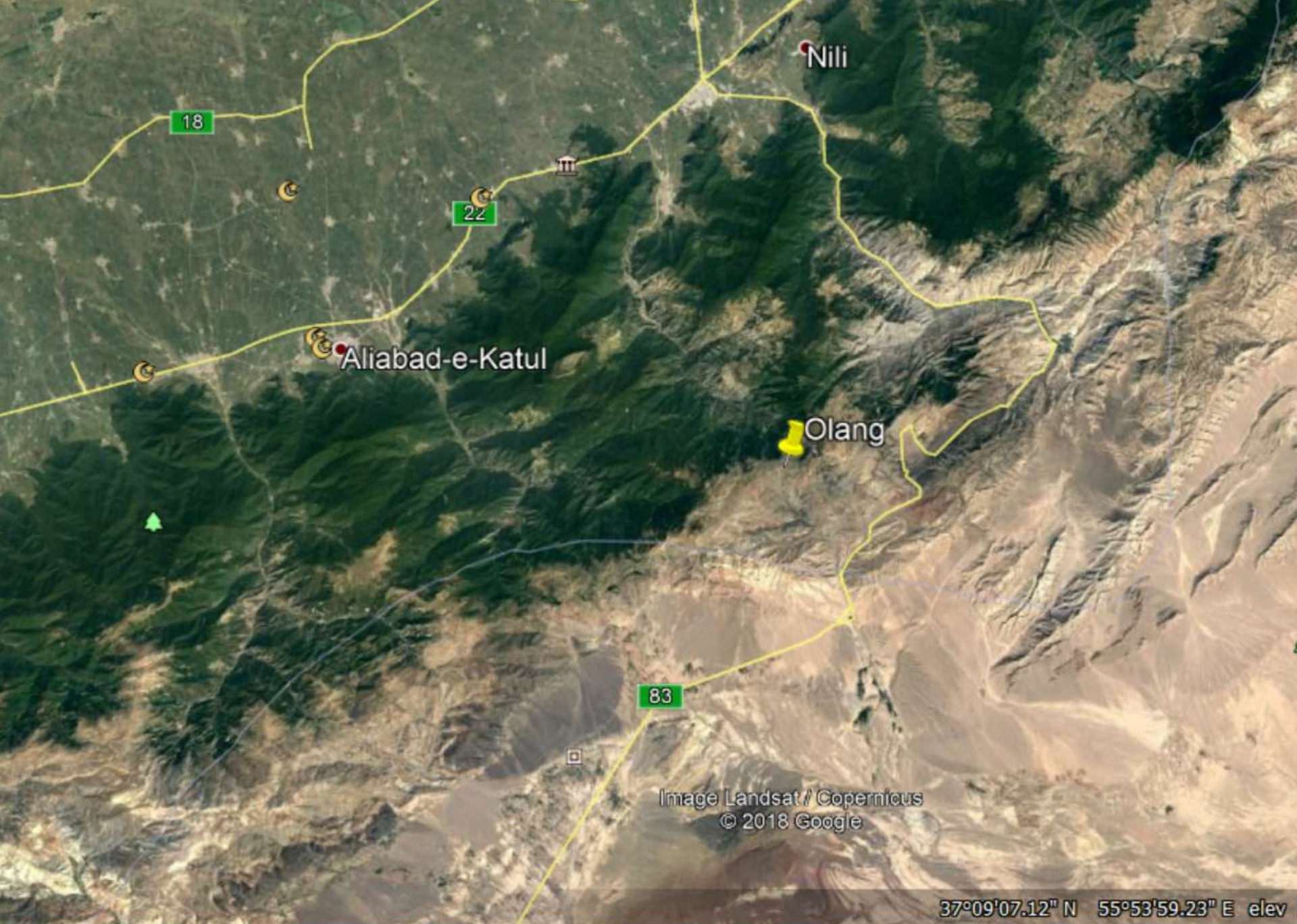
Matthiola alyssifolia - Mirza Baylu steppes-2017.0419



Matthiola alyssifolia - Mirza Baylu steppes-2017.0419

# Olang Pass, Traversant la chaîne de l'Elbrouz, 21 avril





Nili

18

22

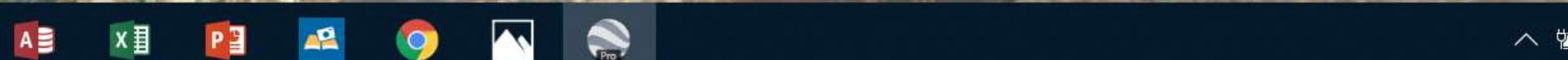
Aliabad-e-Katul

Olang

83

Image Landsat / Copernicus  
© 2018 Google

37°09'07.12" N 55°53'59.23" E elev





*Cercis siliquastrum* - lower Olang Pass - 2017.0421



*Cercis siliquastrum* - lower Olang Pass - 2017.0421





*Acer monspessulanum* - lower Olang Pass - 2017.0421



*Quercus petraea* subsp *iberica* - lower Olang Pass (600m) - 2017.0421



*Quercus petraea* subsp *iberica* - lower Olang Pass (600m) - 2017.0421



*Carpinus betulus*, *Ilex spinigera* - Olang Pass 1800m -2017.0421



*Carpinus betulus*, *Ilex spinigera* - Olang Pass 1800m -2017.0421



*Carpinus betulus*, *Ilex spinigera* - Olang Pass 1800m -2017.0421



*Primula vulgaris* - Olang Pass 1800m -2017.0421



*Corydalis cava* subsp. *marschalliana* - Olang Pass 1800m -2017.0421





*Corydalis cava* subsp. *marschalliana* - Olang Pass 1800m -2017.0421







Juniperus sabina - Olang Pass 2000 m -2017.0421



Juniperus sabina - Olang Pass 2000 m -2017.0421













Gagea sp. on Olang Pass (2000m)







Olang Pass 2200m – Forêt de Quercus macranthera - 2117.0421



Olang Pass, Face sud - 2200m - 2117.0421



Tulipa ulophylla - Olang Pass 2200m - 2117.0421



*Tulipa ulophylla* - Olang Pass 2200m - 2117.0421





Tulipa ulophylla - Olang Pass 2200m - 2117.0421



*Tulipa ulophylla* - Olang Pass 2200m - 2117.0421





Tulipa biflora - Down Olang Pass - 2017.0421



Tulipa biflora - Down Olang Pass - 2017.0421



Tulipa biflora - Down Olang Pass - 2017.0421



*Juniperus excelsa* subsp. *polycarpus* - Down Olang Pass, 2200m - 2017.0421



*Juniperus excelsa* subsp. *polycarpus* - Down Olang Pass, 2200m - 2017.0421





*Juniperus excelsa* subsp. *polycarpus* - Down Olang Pass, 2200m - 2017.0421

# *The end*

*International Dendrology Tour of Iran  
April 13-22, 2017*

