

LANDSCAPE AREA N _ CENTAURINO MOUNTAIN

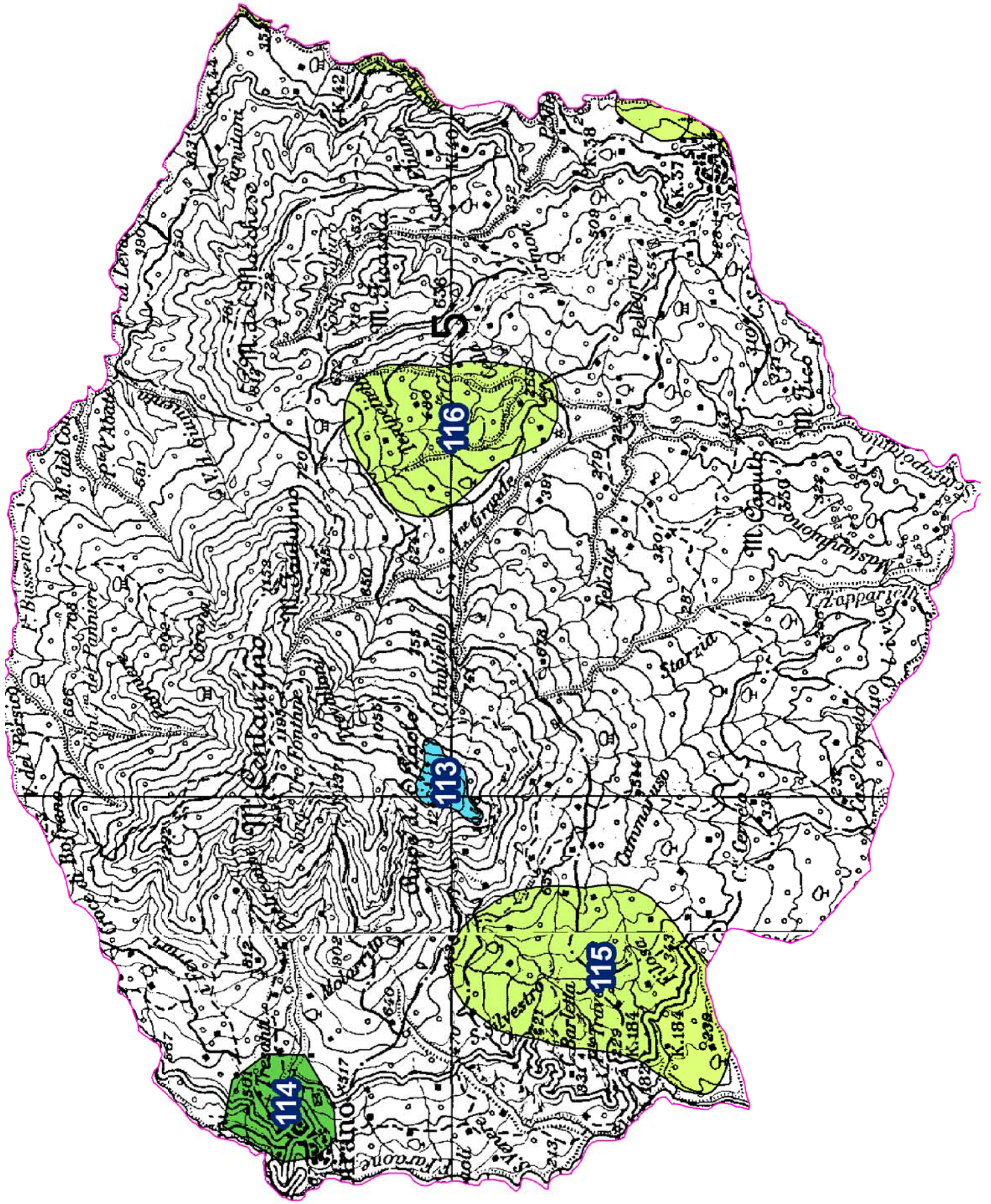
Included Geosites

Id_denomination	Imp.	Id_denomination	Imp.	Id_denomination	Imp.
113_Ofiolitic olistolites of Centaurino Mountain	M	114_Autcrops of Rofrano	F-C	115_Landslides of Alfano basin	S
116_Landslides of Valle Scura basin	S				

M=Main F= Focal C= Complementary S= Secondary



Legend Landscape area National Park



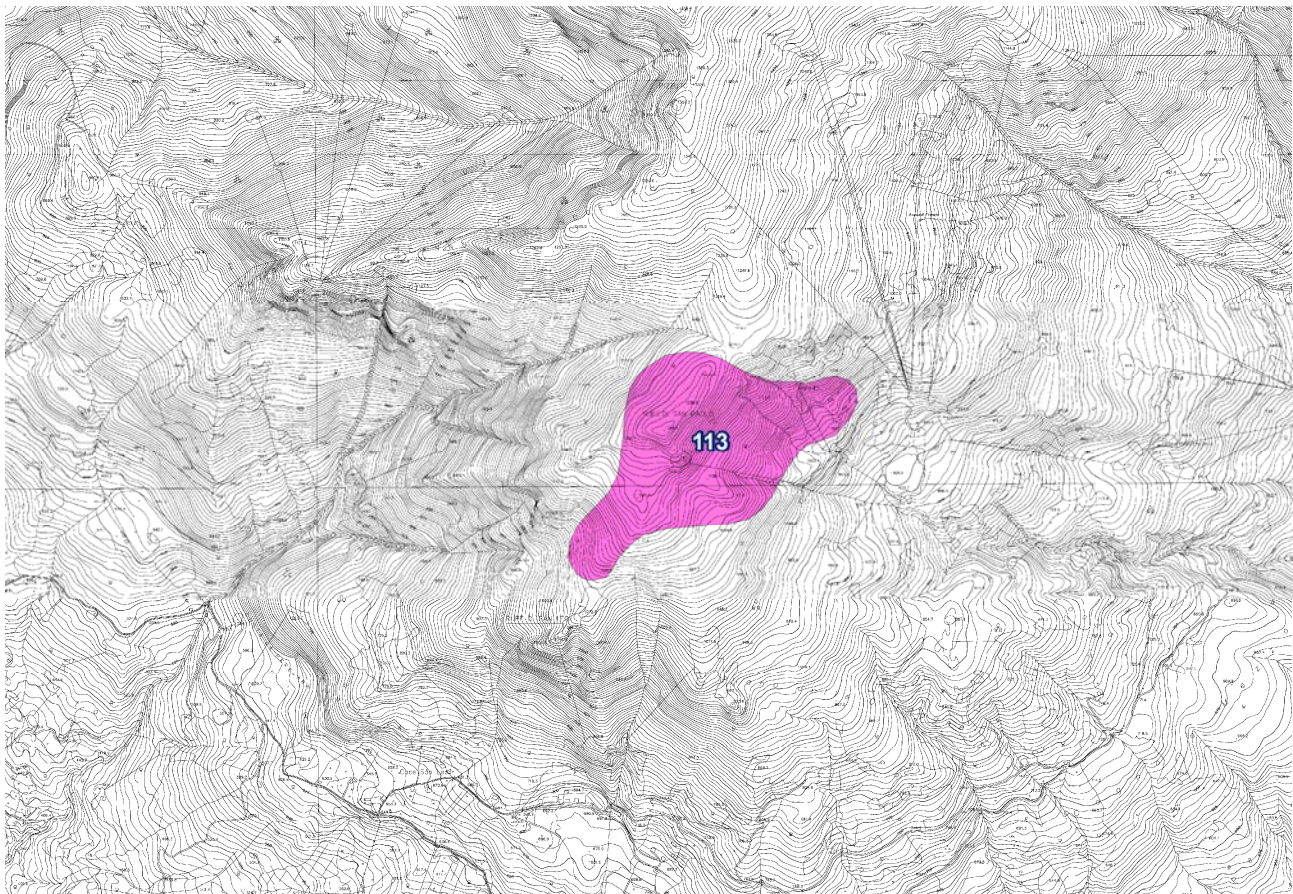
MAIN GEOSITE

113_ *Ophiolitic olistolites of Centaurino Mountain*

Ubication	Altitude	Accessibility		Fruition	
Nation - ITALY	1200 m. s.l.	feet	<input checked="" type="checkbox"/>	trackway	<input type="checkbox"/>
Region - CAMPANIA			<input type="checkbox"/>		<input checked="" type="checkbox"/>
Province - SALERNO	Distance 60 Km. from National Park office	car	<input type="checkbox"/>	recreation	<input type="checkbox"/>
NATIONAL PARK			<input type="checkbox"/>		<input type="checkbox"/>
Municipality - ROFRANO			<input type="checkbox"/>		<input type="checkbox"/>

INTEREST (1= primary - 2 = secondary)

GEOLOGICAL		SCIENTIFIC		OTHER			
Structural	<input type="checkbox"/>	Mineralogical	2	Rare (conservation experimentation)	1	Didactical	2
Stratigrafical	1	Hydrogeological	<input type="checkbox"/>	Popularization	<input type="checkbox"/>	Hikers/trecking	<input type="checkbox"/>
Geomorphological	<input type="checkbox"/>	Paleontological	<input type="checkbox"/>	Rappresentative	<input type="checkbox"/>	Archeological	<input type="checkbox"/>
Sedimentological	<input type="checkbox"/>	Karsic	<input type="checkbox"/>	Mondial/European	2	Naturalistic	<input type="checkbox"/>
Paleoenvironmental	<input type="checkbox"/>	Paleobiological	<input type="checkbox"/>	National/Local	<input type="checkbox"/>	Historical/religious	<input type="checkbox"/>



Cartography of Main Geosite

DESCRIPTION

In this landscape outcrops Pollica and S. Mauro Formations of Cilento Group. At the top of Centaurino mountain outcrops the Monte Sacro formation (polygenic conglomerates). The foothills are formed by North-Calabrian Unit (Crete Nere Formation and the Saraceno). Typical stratigraphic elements of this area are the “olistostroma” and marl “Fogliarian” that create a unique morphology terraces of denudation and guide layers. The “olistostroma” is produced by gigantic submarine landslides and the “fogliarina” by big turbidite flows (15 Millions years ago).

In Centaurino Mountain we can find 4 individual geosites: ophiolites of Monte Centaurino, a stratigraphic singularity formed by outcrops of basic rocks of oceanic origin packed in the “olistostroma”; in the neighborhood of Rofrano (architectural and historic center), we can find outcrops of Saraceno formation and stone streams (debris avalanche deposited at various times during the periods of the markedly colder in the paleovalley etched by rivers during interglacial periods, according to a mechanism known in the geomorphological literature as valley filling.); examples of various types of landslides in the Alfano and Valle Scura basins, educational and scientific interest.



Geosite 113_Ophiolitic olistolites of Centaurino Mountain



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