

	Study case	Italian Region	Mountain range/region	Other form of official recognition and protection	Geosites Catalogues	Lithology/ies	Geomorphological features			Outdoor activities	Other relevant values
							Primary processes	Secondary processes	Landscape features		
A	Mont Blanc Massif	Aosta Valley	Western Italian Alps	Espace Mont Blanc, SIC IT1204010	ISPRA	Granites	Glacial & gravity action	Chemical weathering	Steep slopes	Climbing	Cultural: transboundary area and alpinism history
B	Mottarone Massif	Piedmont			Regione Piemonte (for other aspects)		Chemical weathering	Water action	Residual relief with tors and inselbergs	Climbing	Cultural and socio-economic: cave and mines
C	Gallura	Sardinia	North Eastern Sardinia	Regional protection on some specific sites	ISPRA	Granites	Chemical weathering	Water runoff, gravity	Residual reliefs with inselbergs, tors, rounded blocks and tafonis	Climbing, canyoning	Cultural, archaeological, socio-economic: quarries
D	Grigne Massif	Lombardy	Central Italian Prealps	Regional Park of the Grigne	ISPRA, Regione Lombardia	Limestones	Karst	Glacial	Glacio-karstic ipo- and epi-landforms	Climbing, speleology	Cultural: Leonardo Da Vinci artistic works, tradition of climbing
E	Dolomites	Trentino-Alto Adige	Eastern Italian Alps	UNESCO World Heritage List	/	Dolomites	Gravity	Cryoclastism, glacial	Towers and scree slopes	Climbing	Cultural: painting, photography, poetry, history of Alpinism; socio-economic: tourism
F	Supramonte	Sardinia	Central Eastern Sardinia	Regional protection on some specific sites	ISPRA	Limestones, dolostones	Karst	Gravity, fluvio-karst	Hypogeum and surface karstic landforms	Climbing, speleology, canyoning	cultural, archaeological, socio-economic
G	Pietra di Bismantova mesa	Emilia Romagna	Northern Apennines	National Park of the Tuscan-Emilia Apennine	ISPRA, Emilia Romagna Region	Sandstone	Selected erosion & gravity	Weaathering	Mesa, landslides	Climbing	Cultural: Dante Alighieri’s description, history of Alpinism; Archaeological: Bronze Age and early Iron Age settlements; Ecologic support role: endemic species
H	Orcia Valley	Tuscany	Central Apennines	UNESCO World Heritage List	ISPRA (not Radicofani case)	Shales	Water runoff	Gravity	Calanchi, shallow landslides		Cultural: Radicofani Castle; Ecologic support role: endemic species
I	Bardi ophiolitic spur	Emilia Romagna	Northern Apennines		ISPRA, Emilia Romagna Region	Basalts and red jaspers	Differential erosion	Gravity	Steep slopes		Cultural: Bardi Medieval Castle; Ecologic support role: endemic species
J	Terra Rossa	Piedmont	Western Italian Alps	Veglia Devero Natural Park	/	Serpentinite	Chemical weathering	Gravity	Residual ridges	Alpinism	
K	Pietra Parcellara	Emilia Romagna	Northern Apennines	Regional Natural Reserve	ISPRA, Emilia Romagna Region	Serpentinite	Differential erosion	Gravity	Monadnocks/Residual ridges		Ecologic support role: endemic species
L	Sasso del Drago	Lombardia	Central Italian Alps			Serpentinite	Differential erosion		Rocky cliff	Climbing	

Table 1. Summary of the analysed features of the proposed study areas.



