

MJG-Gargano: BIOTOPE TYPES

SPECIFICATION OF QUADRANT: Nr. Carta d'italia 1:50 000 / Quadrant

UTM SPECIFICATION: „86/35“ = 33T WG 0586/4635

HY BIOTOPES AFFECTED BY MOISTURE

HY FO	Humid and wet dykes, canebrakes
HY GR	Humid to wet grassland
HY PI	Cattle watering tanks, pools (often temporary flooded)
HY WA	Exposed (eventually temporary) standing water body incl. littoral zone
HY XY	Water body accompanied by woods

KU CROPLAND, SETTLEMENT AREAS, ETC.

KU BR	Fallows in general, „Places of ecological succession“
KU GR	Fields with annual crop plants (e.g. cereals)
KU LD	Agriculturally used areas (KU XY + KU GR)
KU MF	Walls and rocks in settlement area
KU RU	Ruderal areas in the strict sense
KU SB	Quarries, slopes of gravel, road valleys etc.
KU SD	Settlement areas in general
KU WÜ	Abandoned settlement sites, ruins, deserted villages
KU XY	Tree crops (e.g. olive groves) (see also XE XY)

KÜ OFFSHORE

KÜ FE	Cliffs
KÜ HY	Offshore, salt-influenced swamp
KÜ SA	sandy beach
KÜ XY	± Dense woods very close to the beach (see also XY KÜ)

XE XERIC, EXPOSED TERRAIN

XE CI	<i>Cistus</i> -garrigue ("High garrigue")
XE FE	(Xeric) rock-based biotope
XE FO	Dry valleys, Torrenti
XE GA	Dwarf-shrubs ("Low garrigue")
XE GR	Xerograminetum (s.l.)
XE XY	Xeric, exposed terrain with trees

XY WOODS and BUSHES

XY FE	Rocks in woods
XY GE	± dense bushes, hedges, "Pseudomacchie"
XY GR	Shrubbery/grassland mosaic
XY GY	Coniferous woods/forests
XY HY	Beech- and mixed deciduous forest
XY KÜ	Coastal Maquis (see also KÜ XY)
XY MA	High maquis shrubland
XY ME	Deciduous quercus forest
XY SM	Edges (Grassland lined with grove; see also XY GR)
XY XE	± evergreen Forest

ZZ OTHER MATTERS

.. Gr	Grassland (unless HY GR or XE GR)
.. PT	With dense pteridium population (covering >50%) in the surrounding area
.. VK	Waysides / roadsides
.. ZZ	Other matters
..	Specification not useful

ADDITIONAL INFORMATIONS

.. ..-F	rocky habitat
.. ..-K	offshore
.. ..-L	light forest / sparse tree cover
.. ..-M	edge
.. ..-P	with pteridium population (covering<50%) in the surrounding area;
.. ..-R	Ruderal aspect, waysides etc.
.. ..-W	with clearly visible indicator plants of pastures
.. ..-X	with spare trees and/or shrubs
..S ..N	Exposition
..E ..W	
→	... in the direction of ...

loc. nr.	leg.
<u>1-166</u>	Wolfgang Licht 1985-2009
<u>301-317</u>	Regina Stock 1994
<u>321-331</u>	Christian Mirk 1996
<u>B1-B86</u>	Marianne Bauch 1993
<u>C04-C15</u>	Barbara Clemenz 1999
<u>Q1-Q151</u>	Marcus Quint 1998

Nr. 1-99:

Nr		B-Type	Sea-level	Quadr	UTM
1	Foresta Umbra, <i>Quercus cerris</i> population	XY ME	250-300	385/3	86/35
2	<i>Fagus</i> , Foresta Umbra	XY HY	770-800	384/4	82-83/29
2b	<i>Fagus</i> , Foresta Umbra	XY HY	680	385/3	
2x	Foresta Umbra, Lago d'Otri	HY WA	790	384/4	82/30
2y	Foresta Umbra, Cutino di Lupo	HY WA	770	384/4	81/28?
3	Reforested garrigue at SS 89	XE CI-F	160	385/1	86/40
4	SS 89, km 10,2: (rocky) garrigue	XE GA	590	397/2	81/17
5	Xerograminetum at SS 528, km 32,8	XE GR	650	397/2	82/22
5x	<i>Quercus</i> , SS 528, km 32,8	XY GE	650	397/2	82/22
6	Rocky garrigue, SS 89 (km 2,2-2,4)	XE	270	398/3	86/16
6a	Rocky garrigue, SS 89 (km 2,2-2,4)	XE GA-R	270	398/3	86/16
6b	Rocky garrigue, SS 89 (km 2,2-2,4)	XE FE	270	398/3	86/16
7	Doline fields Le Chiancate	XE GR	820-880	397/1	..
7a	Doline fields Le Chiancate	XE GR	850	397/1	59/24
7b	Doline fields Le Chiancate, Piscina	XE GR	850	397/1	57/22
7c	Doline fields Le Chiancate	XE GR	850	397/1	59/23
7d	Doline fields Le Chiancate, doline slope	XE GR	830	397/1	59/24
7e	Doline fields Le Chiancate, doline ground	XE PT	820	397/1	59/24
7f	Doline fields Le Chiancate, grassland	XE GR	830	397/1	59/24
7g	Doline fields Le Chiancate, woods or shrubbery	XY GR	830	397/1	59/24
7h	Doline fields Le Chiancate	XE KU-W	820-850	397/1	57/24
7k	Doline fields Le Chiancate, doline „Pallapalla“	XE PT	830	397/1	58/23
8	<i>Quercus</i> forests at Monte Nero	XY ME	830-850	397/1	55-56/19
9	Torre Fortore	KU	0-20	382/2	27/40
10	Torre Mileto	KU FE	0-20	382/2	51/42
11	Walls and rocks in Monte S. Angelo	KU MF	800	397/2	79/17
12	Camping ground S. Nicola	KU ZZ	0-40	385/1	85/44
12x	Camping ground S. Nicola, sandy beach	KÜ SA	0-5	385/1	85/44
13	Xerograminetum at SS 528 (km 30,2)	XE GR	580	397/2	81/24
13A	Xerograminetum at SS 528 km 30,2, little grazed	XE GR	580	397/	81/2
13B	Xerograminetum at SS 528 km 30,2	XE GR-W	580	397/	81/2
13C	Xerograminetum at SS 528 km 30,2. <i>Pteridium</i> fringe	XE PT	580	397/	81/2
13d	Xerograminetum at SS 528 km 30,2	XE GR-	580	397/	81/2
13e	Xerograminetum at SS 528 km 30,2	XE GR-W	580	397/2	81/24
14	Coast „La Chianca“	..	0-40	385/1	91/42
14a	Coast „La Chianca“: wind influenced macchie	XY KÜ	20-40	385/1	91/42
14b	Coast „La Chianca“: road verge	ZZ VK	20	385/1	91/42
14c	Coast „La Chianca“, area next to the sea	KÜ F	0-5	385/1	91/4
14d	Coast „La Chianca“: macchie	XY KÜ	10-20	385/1	91/42
15	Reforested garrigue „Malanotte“	XE CI-FE	100-140	385/1	87/43
16	Manacora	..	20-90	385/1	86/44
16a	Manacora, <i>pinus</i> forest	XY GY	20-90	385/1	86/44
16b	Manacora, rocky outcrop	XE GR-K	20-70	385/1	86/44
17	Settlement area Vieste	KU SD	5-100	385/4	97-98/37-38
18	<i>Pinus halepensis</i> -Forest, Valle scinni	XY GY	100-140	385/1/	85/43
19	Settlement area Peschici	KU SD	90-110	385/1	83-84/44
19x	Sandy shore at Peschici	KÜ	0-20	385/1	83-84/44
20	<i>Daphne sericea</i> -shrubby SS 89, km 119-120	XY GE	500	385/3	92/28
20a	<i>Daphne sericea</i> -shrubby SS 89, km 119-120	XY GE	500	385/3	92/28
20b	<i>Daphne sericea</i> -shrubby SS 89, km 119-120	XY GE-R	500	385/3	92/28
21	Arid grassland (SS 89, km 136)	XE GR	350	398/1	90/20
22	SS 89, km 137: <i>Stipa</i> -grassland	XE GR	330	398/1	90/20
23	Beach south of Vieste	KÜ SA	0-5	385/3	97/34-36
24	Beach „Crovatico“	KÜ	0-40	385/1	90-91/42
24a	Beach „Crovatico“ Sandy beach	KÜ SA	0-5	385/1	90-91/42
24b	Beach „Crovatico“, Rocks	KÜ FE	0-10	385/1	90-91/42
24c	Beach „Crovatico“, maquis shrubland	XY KÜ	5-40	385/1	90-91/42
24d	Beach „Crovatico“, Garigue with <i>Helichrysum</i>	XE GA-K	5-30	385/1	90-91/42
25	South of Valle Pezzente, grazed grassland with shrubs	XY GR ?	590	397/1	67-68/23
26	Valle Pezzente	XY HY	520-570	397/1	68/24
26x	Valle Pezzente	XY GR	520	397/1	67/24

27	Arid grassland with shrubs at the western beginning of Valle Pezzente	XY GR	540	397/1	67/24
28	Fields and olive groves south of Peschici	KU LD	30-100	385/1	83-84/41-43 83/43
28a	Calena (south of Peschici)	KU LD	30	385/1	84/42
28b	<i>Stachys salvifolia</i> -population, south of Peschici	KU BR	30	385/1	83-84/41-43
28c	At/in the gutter along the way south of Peschici	KU ..-R	30	385/1	
29	Doline Pozzatina	ZZ	340-440	396/2	46/26
30	Torre Pucci	XE ZZ	70	384/2	82/44
31 + 31a	Pinus-forest with rocks around peschici, sparse tree cover	XY GY-L	50-150	385/1	84/43
32	garigue mit <i>Thymus capitatus</i> oberhalb mattinata	XE GA	??	398/1	??
33	Swamp opposite to hotel Gusmay (in front of Sfinale)	KÜ HY	0-10	385/1	88/44
33x	Fallow cereal field at hotel Gusmay (in front of Sfinale)	KU GR	10	385/1	88/44
34	<i>Lomelosia</i> -rocks at the street Monte S.A. to Pulsano	XE FE	630	397/4	75/16?
35	Cloister ruin pulsano	KU MF	490	397/4	75/14
36	Road Monte S.A. → Pulsano, wet dyke	HY PI	640	397/4	75/16?
37	Punta Pietre Nere	KÜ FE	0-20	383/1	28/40
39	Pinewood at coastal road Vieste → Peschici	XY GY	70?	385/1	??
40	Xerograminetum at SS 528, south of km 34	XE GR	600	397/2	81/21
40x	<i>Pteridium</i> at SS 528, south of km 34	XE PT	600	397/2	81/21
41	Xerograminetum at SS 528 (km 31,5)	XE ..	580	397/2	82/23
41a	Xerograminetum at SS 528 (km 31,5)	XE GR	580	397/2	82/23
41b	Lax <i>Pteridium</i> population in Xerograminetum at SS 528, km 31,5	XE PT	580	397/2	82/23
41c	<i>Stipa</i> in Xerograminetum at SS 528, km 31,5	XE GR-L	580	397/2	82/23
41d	<i>Asphodelus</i> - in Xerograminetum at SS 528, km 31,5	XE GR-W	580	397/2	82/23
42	<i>Stipa bromoides</i> lawn at new street Cava di tufo → SS 89, km 0,7	XE GR	340	385/3	90/33
43	Macchie ssw. Vieste	XY MA	150-200	385/3	93-94/33
44	Halophilic (wetland) biotope at Vieste	KÜ HY	0-5	385/1-2	94-97/38-40
45	Humid/wet places in Valle Carbonara	HY FO	520?	397/2	76/19
46	Calalunga	KÜ ..	0-50	385/1	87/44
46a	Sandy beach Calalunga	KÜ SA	0-10	385/1	87/44
46b	Rocks Calalunga	KÜ FE	0-50	385/1	87/44
46c	Macchie Calalunga	XY KÜ	10-50	385/1	87/44
46d	Pinus-forest Calalunga	KÜ XY	10-50	385/1	87/44
46e	Swamp Calalunga	KÜ HY	0-5	385/1	87/44
47	SS 528, km 42,8 -42,9: south exposed slope with shrubs	XY GR	600-630	397/2	78/19
48	Olive groves and waysides, ssw of Vieste	KU LD	100-150	385/3	94/34
49	Marshland/pool „Tagliata“ at the access to Monte Sacro	HY WA	630	398/1	88/24?
50	<i>Stipa</i> -lawn east of S. Marco	XE GR-X	670-770	396/2	50/20
51	Rocky steppe with <i>Stipa</i> population, south of S. Marco	XE GR -L	600-680	396/4	51-52/17
52	Piscina Cento Pozzi S. Marco → Rignano	..	620-640	396/4	49/16
52a	Piscina Cento Pozzi, wet places	HY PI	620	396/4	49/16
52b	Piscina cento pozzi, ruderal slope	ZZ ..-W	620-640	396/4	49/16
52c	Xerograminetum near Piscina cento pozzi	XE GR	620-640	396/4	49/16
53	Crossifisso Varano	XE ..-K	0-20	384/3	66/37
54	Recently reforested slope in Mattinata, partial ruderal	ZZ ..-F	60	398/1	87/18
55	Mattinata, settlement area	KU SD	50-90	398/1	87/18
56	Piano di Mattinata (Fruit crops and camping sites)	KU ..	0-20	398/1	87-88/17
57	Acqua di Chilci (Vico)	ZZ ..	230	384/2	81/38
58 + 58a	Rocks near Mattinata	XE FE	200-240	398/1	87/19
58b	Croplands north of Mattinata	KU XY	170-200	398/1	87/19
59 + 59a + 59b	Rocks in the „tunnel“ of the street Manfredonia → Ruggiano, km 7,3 - 7,8	XE FE	300-360	397/4	73/13
60	Madonna d. Angeli at Monte Sant'Angelo, area around chapel	XE ..	850	397/2	78/18

61	Valley Fajarama bei S. Marco	XY ..	700-830	396/2	54/18-19
61a	Valley Fajarama; hygral, mixed deciduous forest	XY HY	700-770	396/2	54/18
61b	Valley Fajarama; grazed forest	XY ME	750-830	396/2	54/18-19
61c	Valley Fajarama at S. Marco, clearings in the forest	XE ..	750-830	396/2	54/18-19
61d	Valley Fajarama at S. Marco, pastures around Cas. Forest. Cutinelli	XE ..-W	850-870	396/2	54-55/19
62	San Giovanni	KU SD		397/1	..
62a	San Giovanni	KU SD	650	397/1	58/17
62b	San Giovanni, wayside, cobblestone joints	KU SD	600-650	397/1	59-60/17
62c	San Giovanni, rocks	KU MF	600-650	397/1	59-60/17
63	Chiancate Avatra	XE	500	397/3	66/13
63a	Chiancate Avatra, pastures with <i>Ephedra</i> population	XE GR-W	500		66/13
63b	Chiancate Avatra, rocks with <i>Inula</i>	XE FE	500		66/13
64	Valle di vituro	..			
64a	Valle di vituro, olive grove	KU XY			
64b	Valle di vituro, fels	XE FE			
65	<i>Quercus</i> -shrubbery at Monte Calvo	XY ME			
66	Valle pulsano	..	250-420	397/4	75/13-14
66a	Valle pulsano, S. Giov. Mat.	XE FE	350		75/13
66b	Valle pulsano, branch Valle delle Eremiti	XE FE	420		75/14
66c	Valle pulsano, South	ZZ	250		75/13
67	Shady roadcut at the coastal road Vieste → Peschici, km 7-8	ZZ VK-F	70	385/1	91/42
68	Pantano s. Egidio	..	460	397/1	65-67/17-18 65/17 67/18
68a	Pantano S. Egidio, wet dyke in the south	HY FO	460		
68b	Pantano s. Egidio, wet dyke in the East	HY FO	460		
69	Piscina Pantolfe	HY PI	580	397/2	73/24
70	Wet dyke w Peschici (Torr. Ulso)	HY FO	0-2	385/1	83/44
71	Rock with <i>Lomelosia</i> , SS 89db, ca. km 8	XE FE	500	398/3	83/17
72	North exposed woods, west of Madonna d. Angeli at Monte Sant'Angelo	XY FE	800-850	397/2	77/18
73	Swamp north of Candelaro	HY FO	2	–	70-71/02
73-R	Waysides around the swamp north of Candelaro	KU ..	2-5	–	70-71/02
74	Beach „Acqua delle rose“	KÜ ..	0-30	398/1	93/21

101	Coast Mattinata → Vieste	..	20-300	385/4 398/2	..
101a	Pergola bay	KÜ FE	0-20	398/2	98/26
101b	Torre Aglio s Testa del Gargano	XE FE-R	110	385/4	99/28
102	Coastal road Vieste → Peschici	..	5-180	385/1	..
103	Coastal road Peschici → San Menaio	..	5-80	384/2	78-82/43-44
103a	Coastal road Peschici → San Menaio (km 81-82), cliff	XE ..	0-100	384/2	82/44
103b	Coastal road Peschici → San Menaio, <i>Pinus</i> -mixed forest	XY GY	100	384/2	81-82/43-44
103c	Coastal road Peschici → San Menaio (km 81-82), cliff	XE ..	0-100	384/2	82/44
103d	Coastal road Peschici → San Menaio, km 81-82, Cistus-Garigue	XE CI	100	384/2	81-82/43-44
104	Environs Lesina-sea	..	0-20	383/..	..
105	Environs Varano-sea	..	0-150	384/..	..
105a	Varano-sea, beach	KÜ SA	0-5	384/1	58/40
105b	Varano-sea, Macchie	XY KÜ	5-10	384/1	58/40
105c	Irchio	HY FO-K	0-5	384/3	67/35
105d	Beach dunes in Foce Varano	KÜ SA	0-5	384/1	65-66/41
105e	<i>Eucalyptus</i> -forest	XY ZZ	0-5	384/1	62/40
106	SS 272 S. Marco → Monte S.A.	..	520-700	397/..	..
106a	SS 272 S. Marco → Monte S.A., km 27-30	XE GR	600-650	397/1	55-58/16-17
106b	SS 272 S. Marco → Monte S.A., km 33-44	..	520-560	397/1/2	61-71/17
106c	SS 272 S. Marco → Monte S.A., km 44-48	..	520-630	397/2	..
106d	SS 272 S. Marco → Monte S.A., km 48-51	..	520-550	397/2	74-76/19
106e	S. Matteo	XY FE	700	396/2	54/17
107	SS 89 Peschici → Vieste	..	30-200	385/1	..
107a	SS 89 Peschici → Vieste, km 85-89	KU ..	30-200	385/1	84-85/40-43
107b	SS 89 Peschici → Vieste, km 90-93,	XY ..-L	100-200	385/1	..
107c	SS 89 Peschici → Vieste, km 94-96,5	?? ..	70-150	385/1	87-89/39
107d	SS 89 Peschici → Vieste, km 96,5-104	KU ..	30-60	385/1	..
108 +	Parallel street Peschici → Vieste	XY GY-L	140-300	385/1	86-87/40-41
108a					
108b	Parallel street Peschici → Vieste, Telegrafo vecchio				
109	Quercus and mixed foliage forest, north of Foresta Umbra;	XY ME	200-600	385/3	..
109a	Quercus and mixed foliage forest, north of Foresta Umbra,	XY HY	200-300	385/3	..
109b	Quercus and mixed foliage forest, north of Foresta Umbra, with <i>Paeonia</i>	XY ME	200-250	385/3	??
109x	Quercus and mixed foliage forest, north of Foresta Umbra	XY ..	200-300	385/3	..
110 +					
110a	Tremiti, Isola S. Domino	..	0-110	383/..	..
111	SS 89 Mattinata → Vieste	..	60-700	385/3 398/1	..
111a	SS 89 Mattinata → Vieste, km 137-141 (with <i>Euphorbia dendroides</i>)	XY MA-F	220-300	398/1	88-89/20-21
111b	SS 89 Mattinata → Vieste (km 124,5), parca simone	ZZ ..-X	670	398/1	91/25
111c	SS 89 Mattinata → Vieste (km 120,7), Valle del Pozillo	XY HY-W	490-550	398/1	91-92/27
111d	SS 89 Mattinata → Vieste, valley at km 119,9	XY HY?	480	398/1	92/27
111e	SS 89 Mattinata → Vieste, km 133,2 (Coppa quadrari)	XY MA	470?	398/1	90/22-23
111f	SS 89 Mattinata → Vieste, Valle ripe rosse (km 138)	XE XY	290	398/1	89-90/21
112	Road from SS 272 (km 33,8) to Carpino	..	600-750	397/1	..
112a	Road from SS 272 (km 33,8) to Carpino, km 1-4	XE KU	600-640	397/1	63-64/18
112b	Road from SS 272 (km 33,8) to Carpino, km 4,5-8	XY XE	650-750	397/1	??
112c	Road from SS 272 (km 33,8) to Carpino, km 7-13,5	XY ME	630-750	397/1	67-68/20-22
112d	Road from SS 272 (km 33,8) to Carpino, rocky valley at km 6,5	XY HY	730	397/1	67/20
112e	Road from SS 272 (km 33,8) to Carpino, forest road Canale del Conte	XY ME	730-770	397/1	67/21
113	Deciduous <i>Quercus</i> -woods, plateau at SS 528	XY ME	600-680	397/2	..
114	<i>Quercus ilex</i> at SS 528	XY XE?	700-750	397/2	..
115	Grassland and rocky terrains at SS 528, km 38-44	XE ..-X	600-760	397/2	78-79/19-20
116	Monte Croce	..	700-900	397/2	..
116a	Monte Croce, masseria	KU ZZ	760-800	397/2	79/22
116b	Monte Croce <i>Quercus</i>	XY ME-L	760-800	397/2	??
116c	Monte Croce <i>Quercus ilex</i>	XY XE	730-760	397/2	80/21

117	Monte Croce	..	900-985	397/2	..
118	Doline fields Le Chiancate	XE GR-X	820-900	397/1	57-59/22-24
119	Road Carpino → S. Giovanni	..	150-620	384/3 397/..	.. ..
119a	Road Carpino → S. Giovanni, Valle pezzente	XE GA?	600±	397/2	..
119b	Road Carpino → S. Giovanni (Bosco Quarto p.p.)	XY ??	600±	397/..	..
119c	Road Carpino → S. Giovanni	?? ??	150-450	384/3	..
119d	Road Carpino → S. Giovanni, woods Pisc. d. Abate Turco	XY ??	450-550	384/3	70/29
119m	Road Carpino → S. Giovanni, Bosco Quarto	XY SM	600±	397/..	..
120	Pastures at the street Monte S. Angelo → Pulsano	XE ..	500-780	397/..	..
120a	Pasture with <i>Euphorbia spinosa</i> at the street Monte S. Angelo → Pulsano	XE GA-W	500-700	397/?	??
120b	Pasture with <i>Iris</i> und <i>Orchis</i>	XE ..	500-700	397/?	??
120c	Coppa la Pinta (acquadotto-street)	XE ..	450-700	397/?	76/13-14
121	Road Manfredonia → L'Annunziata	..	40-200	397/..	..
122	Cereals Valle Carbonara, (SS 272, km 48-51)	KU GR	500±	397/2	74-76/19
123	Track across Monte Nero	..	700-1000	397/1	..
123N	Monte Nero, north west ascent	XY GR	880-1000	397/1	56/20
123H	Monte Nero, plateau	XE ..-X	920-1000	397/1	57/19
123S	Monte Nero, south east ascent (tarred lane from S. Giovanni)	..	700-920	397/1	58/18
124	Monte Sacro	..	650-870	398/1	86-87/23
124a	Monte Sacro, open pasture at lower hillside	??	650-700	398/1	??
124b	Bushes	XY GR	650-870	398/1	86-87/23
124c	Rocks	XE FE	??	398/1	??
124d	Monastery	KU WÜ	850	398/1	86/23
125	SS 89 Mattinata Biv. Cavola → Monte S.A.	..	250-600	397/2 398/3	....
126	Road Cagnano to south east	..	150-600	384/3 397/1	....
126a	Road Cagnano to south east (ca km 5 after Cagnano)	XE ME	250-400	384/3	65-66/28
126b	Road from Cagnano to south east: southern hillside Coppa di Pila (km 3-4 after Cagnano)	XE ..-W	200	384/3	65/29-30?
126c	Road Cagnano to south east (km 7-11,5 after Cagnano)	??	400-500	397/1	..
126d	Road Cagnano to south east (from km 11,5 → SE)	XY ??	500-600	397/1	67/23-24
126e	Road Cagnano to south east: <i>Quercus</i>	XY GR-W	620	397/1	67/23
126f	Road Cagnano to south east: verge	.. ..-R	450	397/1	67/26
126g	Road Cagnano to south east: cereals	KU GR	450	379/1	67/26
126h	Road from Cagnano to south east: surface quarry	KU SB	530	379/1	67/24
127	SS 528 Vico → Foresta Umbra: km 9-15	..	470-570	384/4	..
128	New street Cava di tufo → SS 89	..	100-350	385/2	..
128a	New street Cava di tufo → SS 89: until branch (km 5,8)	..	150-350	385/2	89/35-38
128b	New street Cava di tufo → SS 89: from km 5,8 to SS 89 south of Vieste	..	60-350	385/2	..
128c	New street Cava di tufo → SS 89: branch to north (km 5,8) till SS 89 km 100,5	..	60-300	385/2	91-92/35-37
129	SS 528 south of Foresta Umbra (km 27 to km 35,5)	..	600-700	397/2	81/21-27
130	Area of Monte Spigno including access road	..	900-990	397/2	..
130a	Track from SS 528 (km 40,3) to Monte Spigno, km 3-4: Xerograminetum with rocks	XE GR	880-940	397/2	77/23?
130b	Track from SS 528 (km 40,3) to Monte Spigno, ca km 4: Masseria	KU ..-W	920	397/2	77/23
130c	Track from SS 528 (km 40,3) to Monte Spigno, km 5,9: Xerograminetum	XE GR	940	397/2	77/23
130d	Track from SS 528 (km 40,3) to Monte Spigno, km 6,0: woods	XY ME	910-940	397/2	77/23
130e	Track from SS 528 (km 40,3) to Monte Spigno, km 0-2	XY ..-L	740-800	397/2	78/21
130f	Hilltop of Monte Spigno	XE ..	980-1000	397/2	75/23-24
130g	Below hilltop of Monte Spigno	XE ..	900-950	397/2	75-76/23-24
130h	Area of <i>Pteridium</i> -Bestände am Monte Spigno	XE PT	800-990	397/2	..
131	Forest path Foresta Umbra: Murgia → parking place „Dispensa“	XY HY	600-800	385/3	84/29
132	Valle del tesoro, on both sides of the street	XY HY-R	200-800	385/3	..
132a	Valle del tesoro, on both sides of the street	XY HY-R	380-400	385/3	86-87/33-34
133	Forest path Bosco Silzi → Valle della Carpinosa	XY HY	300-600	385/3	..

134	Cereal fields on both sides of SS 528, south of Foresta Umbra	KU GR	600-650	397/2	81/23-27
135	Road Sannicandro → S. Marco	..	250-650	383/4	..
135a	Road Sannicandro → S. Marco: km 13-17	KU LD	250-460	396/2	..
135b	Road Sannicandro → S. Marco: km 6-13	..	460-600	383/4	46-47/26-30
135c	Road Sannicandro → S. Marco (km 6): exposed terrain	XE ..	600-650	396/2	396/2
135d	Road Sannicandro → S. Marco: serpentines from km 17 till branch to SS 89	XY GR	260-400	383/4	47-49/22-26
135e	Road Sannicandro → S. Marco: grazed <i>Quercus</i> forest, km 7-9	XY GR-W	570-600	396/2	50-52/19
136	Bosco Quarto	XY ..	550-750	397/2	45-46/29-30
136a	Valle Ragusa	XY HY	570-650	397/2	48-49/21-22
136b	Valley, ca 1 km southern Valle Ragusa	XY HY	620-650	397/2	..
136c	Bosco quarto: <i>Quercus</i> mixed forest with rocks	XY HY	600	397/2	69-70/24
136d	Bosco quarto: <i>Quercus cerris</i> population	XY ME	580	397/2	71-72/23
137	Valle delle Vecchie	XE ..	230-650	398/1	69/24
138	Road Cagnano → Coppa Ferrata (to km 11,7)	.. ..	160-450	384/3	68/24
139	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano	.. ..	600-650	396/2	67/22
139a	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano. Km 2-6: Castanea-woods	XY ME	?	396/2	?
139b	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano. Km 13: Grove of <i>Quercus</i>	XY GR	?	383/4	54/28
139c	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano. Km 11: Clearing with <i>Calamagrostis</i> population	ZZ GR	?	396/2	51-52/25-26
139d	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano. Km 0-2: rocky pasture with woods	XE GR-X	600-630	396/2	49/22
139e	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano. Km 7,5: Xerograminetum	XE GR	630-650	396/2	51/25
139f	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano. Km 11,2: Grassland	ZZ GR	?	396/2	53/26
139g	Branch from the street Sannicandro → S. Marco (km 6,8) to Cagnano. Km 11: lax <i>Pteridium</i> population	ZZ PT	600-620	396/2	53/26
140	Road Bosco Quarto → Coppa di Mezzo	KU LD	630-750	397/1	60-67/23-25
140a	Road Bosco Quarto → Coppa di Mezzo: lupin and cereal field	KU GR	680	397/1	61/25
141	Road SS 528 (km 35,5) → Carpino	.. ..	400-700	397/2	..
142	Minor road Torrente Calinella, east of Vico	KU ..	50-150	384/2	81/39-41
143	–	–	–	–	–
144	Road near Candelaro, SS 273 (km 14,5) → Villanova	.. ..	20-100	397/3	..
144a	Near the old Candelaro-bridge (ca km 30,5)	??	20-30	396/4	..
144b	Channel between km 27 und 28	HY FO	20-30	397/3	57-58/06
144c	Reed near Candelaro (Ponte Ciccalento), km 24	HY FO	20	396/4	55/07
145	Road Villanova → Rignano	XE XY	30-530	396/4	52/09
145a	Road Villanova → Rignano, km 7-11: chapel Mad. di Christo	XE FE	100-200	396/4	..
145b	Road Villanova → Rignano, km 7-11: cropland	KU ..	50-200	396/4	50/11-12
145c	Road Villanova → Rignano, km 1,5-4: steppe (Monte Sacro) with shrubs	XE FE-X	400-530	396/4	50/11-12
146	Road Borgo Celano → Ponte Ciccalento	XE ..	30-650	..	..
146a	Road Borgo Celano → Ponte Ciccalento, km 1-3	KU	400-600	396/4	54-55/14-16
146b	Road Borgo Celano → Ponte Ciccalento, km 3-7	XE	300-400	397/2	55/13-14
146c	Road Borgo Celano → Ponte Ciccalento: Pool near km 13	HY ..	50	396/4	53/09

147	Road Manfredonia → Ruggiano → SS 272	.. ..	50-550	397	..
147a	Road Manfredonia → Ruggiano → SS 272, km 4,7: rocky habitat	XE FE	190-230	397/4	73? /12
147 b	Road Manfredonia → Ruggiano → SS 272, km 5: rocky habitat	XE FE	220-250	397/4	73? /12
147c	(see 59a)				
147d	(see 59b)				
147e	Road Manfredonia → Ruggiano → SS 272, km 8: rocky habitat at „parking lot“	XE FE?	420-450	397/4	73/13
147f	Road Manfredonia → Ruggiano (SS 272), km 14-15	XE GR	530	397/2	71-72/17
147g	<i>Thymus-capitatus</i> -Garigue „Scaloria“	XE GA-W	450-500	397/4	73/13
148a	Panorama-street Monte S. A. to south (Mad. d. grazie), km 4	XE FE	500-600	397/4	80/16
149	Old SS 89 over Monte Saraceno	.. ..	50-260	398/3	..
149a		XE ..	100-150	398/3	86/15
150	Monte Saraceno	XE ..	150-20	398/3	87-88/16
151	Road Mandrione → Foresta Umbra	KU	80-200	385/3	88-89/37-38
151a	Road Mandrione → Foresta Umbra, fallow with <i>Inula</i>	KU BR	170	385/3	88/37
151b	Road Mandrione → Foresta Umbra, fallow with thistle population	KU BR	170	385/3	88/37
152	Serpentine SS 272 → Monte S.A.	.. ..	550-800	397/2	77-78/18
152a	Serpentine SS 272 → Monte S.A., km 56	XY XE	750	397/2	78/18
153	Minor road Piscina „Sambuchello“	.. ..	500-700	396/2	49/20 + 49-51/19
153a	Minor road Piscina „Sambuchello“, km 1,2	XY GR	630	396/2	49/19
154	Valle Stignano at cloister	.. ..		396/2	..
154a	Valle Stignano, km 16,5-16,7	HY XY	250-270	396/2	48/18
154b	Valle Stignano, km 16,5-16,7	XY ME	250-270	396/2	48/18
154c	Valle Stignano, km 16,5-16,7	.. ..-R	250-270	396/2	48/18
155	Settlement area Rodi / San Menaio	KU SD	0-50	384/2	72-76/42 + 77-79/43
155a	Rodi	KU SD	0-30	384/2	73/42
156	SS 89 Rodi → Cagnano (km 68-50)	ZZ VK	60-80	384/2-4	..
156a	SS89 Rodi → Cagnano, km 61,3-61,4	ZZ VK	70	384/4	70/38
156b	SS 89 Rodi → Cagnano, km 59,0-59,2	ZZ VK	70	384/4	69/37
156c	SS 89 Rodi → Cagnano, km 51,0	ZZ VK	70	384/3	64/32
157	SS 89 Cagnano → Sannicandro (km 46 bis km 34)	ZZ VK		384/3 + 383/4	..
157a	SS 89 Cagnano → Sannicandro, dirt track at km 35,7	ZZ VK	200	383/4	53/35
157b	SS 89 Cagnano → Sannicandro, km 36-37	ZZ VK-F	200 ±	383/4	53-54/35
157c	SS 89 Cagnano → Sannicandro, km 39,7-40,1	ZZ VK		384/3	56/33
157d	SS 89 Cagnano → Sannicandro, km 44	ZZ VK-F		384/3	60/32
158	Monte d'Elio	KU ..	30-260	383/2+4	49-55/36-41
158a	Monte d'Elio, agricultural landscape	KU ..	130		54/39
158b	Monte d'Elio, near the road	ZZ VK	?		52/36
158c	Monte d'Elio, cereal field	KU GR	60		51/36
158d	Monte d'Elio, rocky olive tree-macchie	XE XY	110-120		51/38
158e	Monte d'Elio, Macchie with <i>Phillyrea</i> and <i>Olea</i>	XY MA	130-150		51/40
158f	Monte d'Elio, Macchie	XY MA	80-100		51/40
159	Lesina → Rodi <i>with km-detail</i>	ZZ VK	10-180	383/2+4 384/2+3	..
160	Expressway Rodi → Vico <i>with km-detail</i>	ZZ VK	100-420	384/2	..
161	Carpino and environs	KU	90-240	384/2	70-71/32-33
161a	Carpino, settlement area	KU SD	100-130		71/32-33
161b	Surrounding area of Carpino, ruderal habitat	KU	90-240		70-71/32-33
162	Track Calenella → Castagnola → Vico		20-350	384/2	80-81/40-43
162a	Track Calenella → Castagnola → Vico: agricultural landscape	KU XY	20-350	384/2	80-81/40-43
162b	Track Calenella → Castagnola → Vico: <i>Pinus</i> -woods	XY GY-L	?	384/2	?
163	Road Vico → Ischitella km 1-5	.. ..	380-450	384/2	75-78/38
163a	Road Vico → Ischitella, ca km 3-4	ZZ VK	ca 450		76-77/38

164	Side street of SS 89, km 72 (= east of Rodi) → Vico:	..	10-400	384/2	..
164a	Side street of SS 89, km 72 (= east of Rodi) → Vico: cropland at well (Mad. di Canneto)	KU XY-R	210	384/2	76/41
164b	Side street of SS 89, km 72 (= east of Rodi) → Vico: between bridge over asciatuzza and dam	ZZ	200	384/2	77/40
165	Track Calenella → Fontanella → Vico	± KU XY	50-450	384/2	80-81/38-40
165a	Track Calenella → Fontanella → Vico: Fontanella	ZZ VK	400	384/2	80/39
165b	Track Calenella → Fontanella → Vico: Olivenhain	KU XY	300	384/2	81/39
165c	Track Calenella → Fontanella → Vico: grassy area near Acqua di chilci	ZZ	270	384/2	81/38
166	S. Giovanni: trail Via Costa → cloister of poor clares	XE ..	600-650	397/1	59-60/18

301	Xerograminetum at SS 89 (km 136)	XE GR	350	398/1	90/20
303	Xerograminetum ne Mattinata	XE GR	380	398/1	90/21
304	Xerograminetum ne Mattinata	XE GR	330	398/1	89-90/20
306	Xerograminetum at SS 528, ca. km 30	XE GR	560	397/2	81/24
309	Xerograminetum at SS 528, ca. km 34	XE GR	600	397/2	81/21
310	Road Carpino → S. Giovanni: branch to S. Marco. After 10 km: <i>Stipa</i> -lawn	XE GR	820	397/1	59/24
314	Xerograminetum at SS 528, km 31,5	XE GR	560	397/2	82/23
315	Xerograminetum at SS 528, km 31,5	XE GR	560	397/2	82/23
316	Xerograminetum at SS 528, km 31,5, <i>Stipa</i> population	XE GR-L	560	397/2	82/23
317	<i>Stipa bromoides</i> -Rasen Cava di tufo → SS 89, km 0,7	XE GR	340	385/3	90/33
321	Bushy Xerograminetum western beginning of Valle Pezzente	XY GR	540	397/1	67/24
322	Fallows used for grazing, near Pozzatina	KU BR	480	396/2	48/26
323	Dumose, south exposed slope at SS 528, km 42,8 - 42,9	XY GR	600-630	397/2	78/19
324	Doline fields Le Chiancate	XY GR	870	397/1	58/24
325	Monte Nero, south side	XY GR	820	397/1	58/18
326	Monte Nero, south side	XY GR	920	397/1	59/18
327	Monte Nero, plateau	XY GR	960	397/1	57/18
328	Road Sannicandro → S. Marco, km 5: grove of trees in Xerograminetum	XY GR	740	396/2	50/20
329	Doline fields Le Chiancate	XY GR	880	397/1	58/23
330	Light grove	XY GR	720	396/2	55/18
331	Road Sannicandro → S. Marco, km 3: grove of trees in <i>stipa</i> -grassland	XY GR	750	396/2	50/19

C04	Rocky coastline Calalunga	KÜ FE	0-30	385/1	87/44
C05E	Baia del Turco, east-exposed	KÜ FE	0-30	385/1	88/44
C06	Swamp in front of Sfinale	KÜ HY	0-10	385/1	88/44
C07	Cliff next to Crovatico	KÜ FE	0-20	385/1	91/42
C08	Cliff next to Crovatico	KÜ FE	0-20	385/1	91/42
C09E	La Chianca, Ost-exposition	KÜ FE	0-20	385/1	91/42
C10	Rocky coastline at Porticello	KÜ FE	0-20	385/1	94/41
C11	Molinella	KÜ	0-10	385/1	95/40
C12	Cala di San Felice	KÜ FE	0-30	385/4	99/31
C12S	Cala di San Felice, south-exposed slope	KÜ FE	0-30	385/4	99/31
C12N	Cala di San Felice, north-exposed slope	KÜ FE	0-30	385/4	99/31
C13	Cliff at Pugnochiuso	KÜ FE	0-30	398/2	98/26
C13S	Cliff at Pugnochiuso, south-exposed slope		0-30	398/2	98/26
C13N	Cliff at Pugnochiuso, north-exposed slope		0-30	398/2	98/26
C14S	Cliffs East-gargano, south-exposed	KÜ FE	0-30	??	??
C15	Lido di Portonuovo	KÜ	0-10	385/4	97-98/33

Q001		XY GY	70	384/2	82/44
Q002		KU LD/RU	30	385/1	84/41
Q003		KU RU	170	385/1	86/42
Q007		KU RU	90	385/1	88/39
Q008		XY ME-M	240		87/36
Q009		XY HY	600	385/3	84-85/30
Q010		XY HY	720	384/4	82/31
Q016		KU RU-X	100		79/42
Q022		XE GR/FE	110		94/22
Q026		KU RU	40		88/18
Q032		XY HY	750		81/28
Q034		XE GA	40		96/38-39
Q039		XY ME	520		67/24
Q041		XY ME	750		67/20
Q043		XY HY	720		55/18
Q045		XY ME-L	1000		56/20
Q051		XE GR	590		81/24
Q055		XE FE	740		76/17
Q069		XE FE	420		90/22
Q077		XE CI?	5		28/39
Q080		XE FE	620		78/19
Q083		XE ..	500		83/17
Q097		XY ME-W	730		84/33
Q102		XY ME-L	950		76/23
Q120		XE FE	500		70/29
Q121		KU XY	80		72/41
Q122		KU XY	50		92/38
Q140		XE GA	940		58/18
Q151		KU RU	5		74/06