

**Table S1.** Quantitative assessment of selected geosites (G) and geodiversity sites (GD) from Beigua UGGp according to the criteria of Brilha (2016) [3]. G1) Peridotitic spheroids (Lago dei Gulli); G2) Fossil corals (Ponte Prina); G3) Val Gargassa canyon (Gargassino); G4) Blockfields (Pian del Fretto); G5) Eclogites and rodingites (Vara); GD6) Serpentinities (Pratorotondo); GD7) Orba meander (Tiglieto); GD8) Laione peat bog (Piampaludo); GD9) Garnet crystals (Faiallo); GD10) Serpentinities and metagabbros (Lungomare Europa). The description of the sites is reported in Tables 1 and 2.

	G1	G2	G3	G4	G5	GD6	GD7	GD8	GD9	GD10
<b>Scientific Value (SV)</b>										
Representativeness	4	4	4	4	2	2	2	4	2	2
Key locality	2	2	1	2	2	2	1	2	2	2
Scientific knowledge	2	4	2	4	4	4	1	1	2	4
Integrity	4	4	4	4	4	4	4	4	1	4
Geological diversity	1	2	4	1	1	1	0	1	0	1
Rarity	4	4	4	1	1	0	2	2	1	1
Use limitations	2	1	2	2	2	2	1	2	2	2
<b>Total</b>	<b>19</b>	<b>21</b>	<b>21</b>	<b>18</b>	<b>16</b>	<b>15</b>	<b>11</b>	<b>16</b>	<b>10</b>	<b>16</b>
<b>Potential Educational Use (PEU)</b>										
Vulnerability	4	1	4	4	2	4	4	4	1	4
Accessibility	3	4	1	1	4	1	4	4	2	4
Use limitations	4	4	4	4	4	4	4	4	4	4
Safety	4	4	1	2	4	2	4	2	3	4
Logistic	4	4	4	3	4	3	3	3	4	4
Density of population	1	1	1	1	1	1	1	1	1	3
Association with other values	4	4	3	4	2	4	4	4	2	4
Scenery	2	2	2	4	1	4	2	3	3	4
Uniqueness	2	4	2	2	2	2	1	1	1	2
Observation conditions	4	4	4	4	4	4	4	4	1	4
Didactic potential	2	4	2	4	1	2	2	4	1	4
Geological diversity	2	3	3	2	2	2	1	4	1	3
<b>Total</b>	<b>36</b>	<b>39</b>	<b>31</b>	<b>35</b>	<b>31</b>	<b>33</b>	<b>34</b>	<b>38</b>	<b>24</b>	<b>44</b>
<b>Potential Touristic Use (PEU)</b>										
Vulnerability	4	1	4	4	2	4	4	4	1	4
Accessibility	3	4	1	1	4	1	4	4	2	4
Use limitations	4	4	4	4	4	4	4	4	4	4
Safety	4	4	1	2	4	2	4	2	3	4
Logistic	4	4	4	3	4	3	3	3	4	4
Density of population	1	1	1	1	1	1	1	1	1	3
Association with other values	4	4	3	4	2	4	4	4	2	4
Scenery	2	2	2	4	1	4	2	3	3	4
Uniqueness	2	4	2	2	2	2	1	1	1	2
Observation conditions	4	4	4	4	4	4	4	4	1	4
Interpretative potential	3	4	4	4	3	4	3	4	2	4
Economic level	1	1	1	1	1	1	1	1	1	3
Proximity of recreational areas	4	4	4	2	4	2	4	2	3	4
<b>Total</b>	<b>40</b>	<b>41</b>	<b>35</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>39</b>	<b>37</b>	<b>28</b>	<b>48</b>
<b>Degradation Risk (DR)</b>										
Deterioration of geological elements	1	4	1	1	1	1	1	2	4	1
Proximity to areas with potential to cause degradation	1	3	1	1	3	1	1	1	3	1
Legal protection	1	1	1	2	1	2	1	1	1	1
Accessibility	3	4	1	1	4	1	4	4	2	4
Density of population	1	1	1	1	1	1	1	1	1	3
<b>Total</b>	<b>7</b>	<b>13</b>	<b>5</b>	<b>6</b>	<b>10</b>	<b>6</b>	<b>8</b>	<b>9</b>	<b>11</b>	<b>10</b>

	Weight	G1	G2	G3	G4	G5	GD6	GD7	GD8	GD9	GD10
	Scientific Value (SV)										
Representativeness	30	120	120	120	120	120	60	60	120	60	60
Key locality	20	40	40	20	40	40	40	20	40	40	40
Scientific knowledge	5	10	20	10	20	20	20	5	5	10	20
Integrity	15	60	60	60	60	60	60	60	60	15	60
Geological diversity	5	5	10	20	5	5	5	0	5	0	5
Rarity	15	60	60	60	15	15	0	30	30	15	15
Use limitations	10	20	10	20	20	20	20	10	20	20	20
Total	100	315	320	310	280	280	205	185	280	160	220
	Potential Educational Use (PEU)										
Vulnerability	10	40	10	40	40	20	40	40	40	10	40
Accessibility	10	30	40	10	10	40	10	40	40	20	40
Use limitations	5	20	20	20	20	20	20	20	20	20	20
Safety	10	40	40	10	20	40	20	40	20	30	40
Logistic	5	20	20	20	15	20	15	15	15	20	20
Density of population	5	5	5	5	5	5	5	5	5	5	15
Association with other values	5	20	20	15	20	10	20	20	20	10	20
Scenery	5	10	10	10	20	5	20	10	15	15	20
Uniqueness	5	10	20	10	10	10	10	5	5	5	10
Observation conditions	10	40	40	40	40	40	40	40	40	10	40
Didactic potential	20	40	80	40	80	20	40	40	80	20	80
Geological diversity	10	20	30	30	20	20	20	10	40	10	30
Total	100	295	335	250	300	250	260	285	340	175	375
	Potential Touristic Use (PEU)										
Vulnerability	10	40	10	40	40	20	40	40	40	10	40
Accessibility	10	30	40	10	10	40	10	40	40	20	40
Use limitations	5	20	20	20	20	20	20	20	20	20	20
Safety	10	40	40	10	20	40	20	40	20	30	40
Logistic	5	20	20	20	15	20	15	15	15	20	20
Density of population	5	5	5	5	5	5	5	5	5	5	15
Association with other values	5	20	20	15	20	10	20	20	20	10	20
Scenery	15	30	30	30	60	15	60	30	45	45	60
Uniqueness	10	20	40	20	20	20	20	10	10	10	20
Observation conditions	5	20	20	20	20	20	20	20	20	5	20
Interpretative potential	10	30	40	40	40	30	40	30	40	20	40
Economic level	5	5	5	5	5	5	5	5	5	5	15
Proximity of recreational areas	5	20	20	20	10	20	10	20	10	15	20
Total	100	300	310	255	285	265	285	295	290	215	370
	Degradation Risk (DR)										
Deteroration of geological elements	35	35	140	35	35	35	35	35	70	140	35
Proximity to areas with potential to cause degradation	20	20	60	20	20	60	20	20	20	60	20
Legal protection	20	20	20	20	40	20	40	20	20	20	20
Accessibility	15	45	60	15	15	60	15	60	60	30	60
Density of population	10	10	10	10	10	10	10	10	10	10	30
Total	100	130	290	100	120	185	120	145	180	260	165
Class of degradation risk		L	M	L	L	L	L	L	L	M	L