Snowpack characteristics on steep frozen rock slopes

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Supplementary material:

20 snow profiles (Figures S1-S20) presented according to time of winter, as in Table 1 (see paper):

(Note: the 7 profiles which are presented in the paper are not shown below).

Table S1: Legend (colours and symbols) for the snow grain shapes shown in Figures S1-S20.

<table>
<thead>
<tr>
<th>Grain shape class</th>
<th>Colour</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precipitation particles</td>
<td></td>
<td>+</td>
</tr>
<tr>
<td>Decomposing/Fragmented particles</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Rounded grains</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>Faceted crystals</td>
<td></td>
<td>□</td>
</tr>
<tr>
<td>Depth hoar</td>
<td></td>
<td>^</td>
</tr>
<tr>
<td>Melt forms/melt-freeze crusts</td>
<td></td>
<td>○</td>
</tr>
<tr>
<td>Ice</td>
<td></td>
<td>■</td>
</tr>
<tr>
<td>Graupel</td>
<td></td>
<td>⛄</td>
</tr>
</tbody>
</table>
Figure S1: Snow profile at Jungfraujoch Sphinx, N slope, 3532 m, 53° (21 Nov. 2012)

Figure S2: Snow profile at Jungfraujoch Sphinx, S slope, 3480 m, 63° (21 Nov. 2012)
Figure S3: Snow profile at Jungfraujoch Sphinx, N slope, 3548 m, 65° (21 Nov. 2012)

Figure S4: Snow profile at Gemsstock, S slope, 2927 m, 50° (9 Jan. 2013)

Figure S5: Snow profile at Gemsstock, N slope, 2940 m, 52° (28 Jan. 2014)
Figure S6: Snow profile at Gemsstock, S slope, 2922 m, 61° (28 Jan. 2014)

Figure S7: Snow profile at Gemsstock, S slope, 2926 m, 60° (28 Jan. 2014)

Figure S8: Snow profile at Gemsstock, N slope, 2926 m, 50° (28 Jan. 2014)
Figure S9: Snow profile at Gemsstock, S slope, 2918 m, 60° (28 Feb. 2013)

Figure S10: Snow profile at Gemsstock, S slope, 2927 m, 60° (28 Feb. 2013)

Figure S11: Snow profile at Gemsstock, N slope, 2915 m, 54° (28 Feb. 2013)
Figure S12: Snow profile at Gemsstock, N slope, 2921 m, 64° (28 Feb. 2013)

Figure S13: Snow profile at Jungfraujoch Sphinx, N slope, 3541 m, 54° (1 Apr. 2014)

Figure S14: Snow profile at Jungfraujoch Sphinx, N slope, 3547 m, 50° (1 Apr. 2014)
Figure S15: Snow profile at Jungfraujoch Sphinx, N slope, 3540 m, 55° (1 Apr. 2014)

Figure S16: Snow profile at Jungfraujoch Sphinx, S slope, 3485 m, 50° (2 May 2013)

Figure S17: Snow profile at Jungfraujoch Sphinx, N slope, 3540 m, 65° (2 May 2013)
Figure S18: Snow profile at Jungfraujoch Sphinx, N slope, 3550 m, 60° (2 May 2013)

Figure S19: Snow profile at Jungfraujoch Sphinx, N slope, 3530 m, 58° (2 May 2013)

Figure S20: Snow profile at Jungfraujoch Sphinx, N slope, 3545 m, 58° (2 May 2013)