

SEZNAM PŘÍLOH:

Příloha 1: Geomorfologické poměry Mengusovské doliny

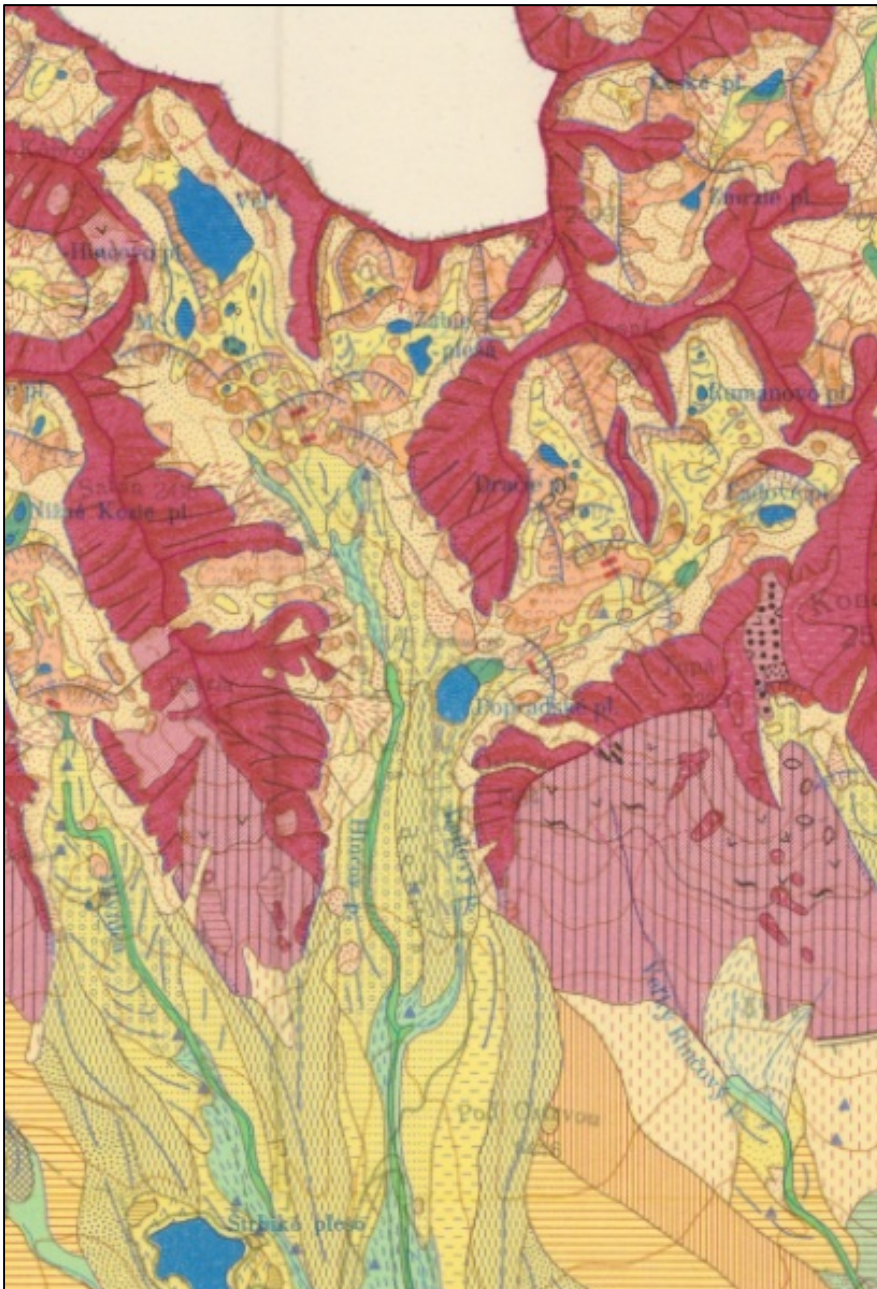
Příloha 2: Geomorfologické poměry Velké a Malé Studené doliny

Příloha 3: Geomorfologické poměry Bělovodské doliny

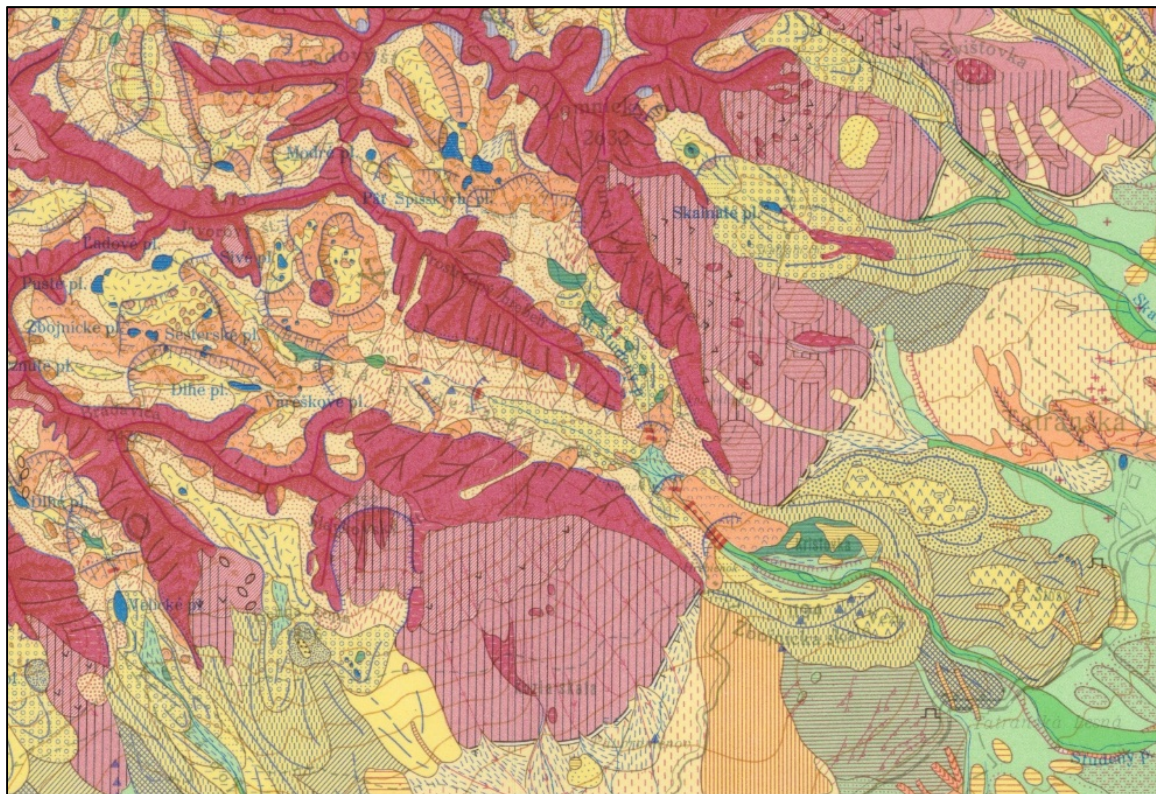
Příloha 4: Geologické poměry zájmových lokalit

Příloha 5: Vybraní autoři zabývající se zaledněním v oblasti Vysokých Tater

Příloha 1: Geomorfologické poměry Mengusovské doliny (zdroj: Lukniš, 1968, upraveno), pozn. vysvětlivky jsou uvedené na str. 5.



Příloha 2: Geomorfologické poměry Velké a Malé Studené doliny (zdroj: Lukniš, 1968, upraveno), pozn. vysvětlivky jsou uvedené na str. 5.

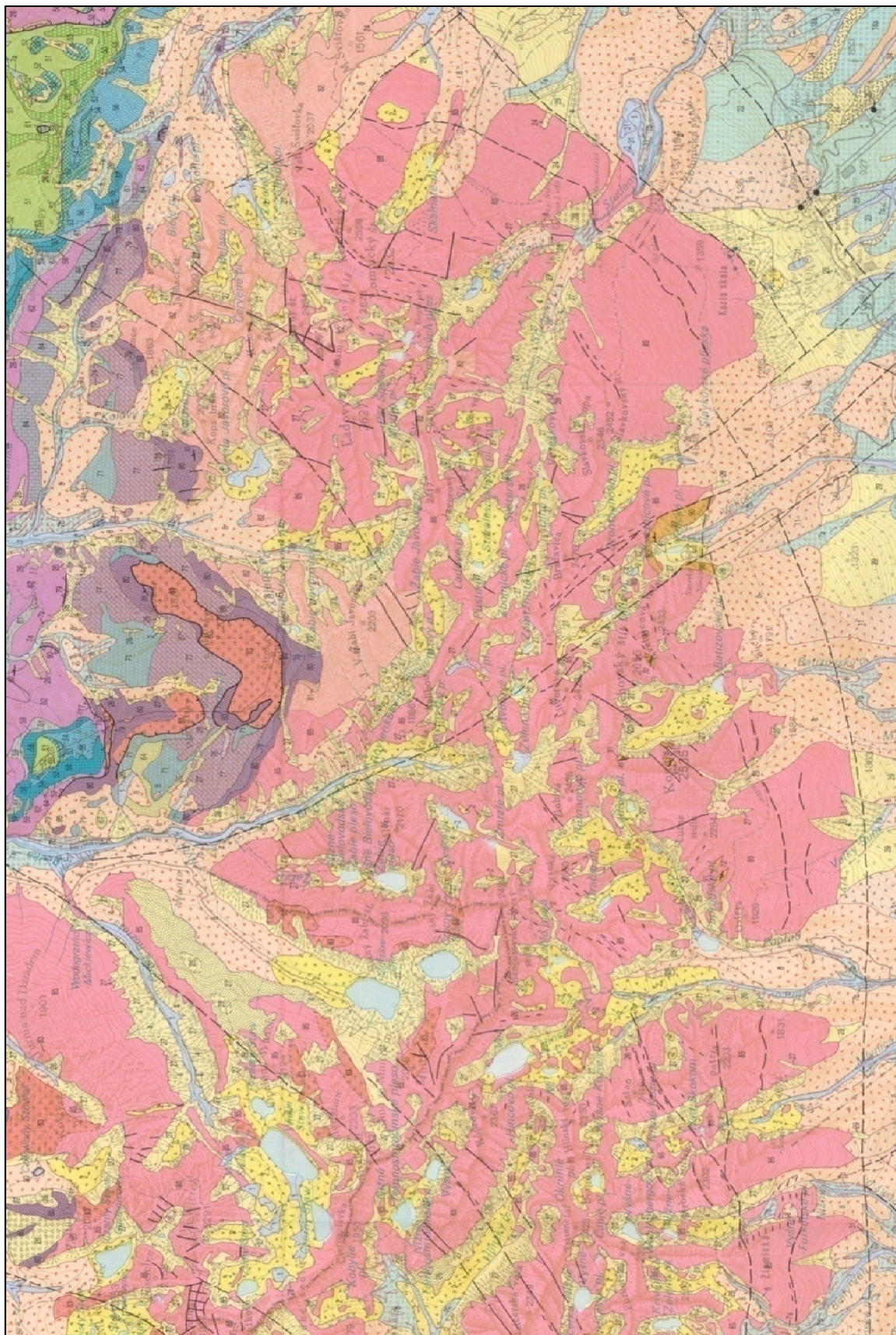


**Příloha 3: Geomorfologické poměry Bělovodské doliny (zdroj: Lukniš, 1968, upraveno),
pozn. vysvětlivky jsou uvedené na str. 5.**



I. FORMS OF WASTING PROCESSES		II. FORMS OF ACCUMULATION		2. FORMS OF ACCUMULATION BY GRAVITATION, AND INTERMEDIARY FORMS					
<p>1. FORMS OF THE SLOPE SHAPING</p> <p>a) Forms Of The Slope Shaping On Grandiorite</p> <p>Escarpment on grandiorite. Gradient of slopes exceeding 37° eQ_gG_{ss}</p> <p>Escarpment and uniformly graded slopes on grandiorite. Gradient of slopes lesser than 37° eIQ_gG_{ss}</p> <p>Uniformly graded slopes on grandiorite with mobile periglacial mass-wasting step. Gradient of slopes below 37° eIQ_gG_{ss}</p> <p>Uniformly graded slopes on grandiorite with fossil talus eIQ_gG_{ss}</p> <p>b) Forms Of Slope Shaping On Mesozoic And On Basal Palaeogene Sediments</p> <p>Rock-face relief on the proof rocks of the Mesozoic and basal Palaeogene eIQ_gM_{erf}</p> <p>Uniformly graded slopes on Mesozoic and on the basal Palaeogene sediments in the periglacial area. Gradient of slopes below 37° eIQ_gM_{erf}</p> <p>Uniformly graded slopes on the Mesozoic and on basal Palaeogene sediments out of the periglacial area. Gradient of slopes below 37° eIQ_gM_{erf}</p> <p>c) Forms Of Slope Shaping On The Flysch</p> <p>Uniformly graded slopes on the soft rocks of the Flysch in fault basins and in erosional-denudational furrows eIQ_gF_{sch}</p> <p>d) Other Forms Of Slope Shaping</p> <p>a) Levelled surfaces on grandiorite eIQ_gG_{ss}</p> <p>b) Levelled surfaces on Mesozoic and on the basal Palaeogene sediments eIQ_gM_{erf}</p> <p>c) Levelled surfaces on the Flysch eIQ_gF_{sch}</p> <p>a) Grandiorite scarp of rocks eIQ_gG_{ss}</p> <p>b) Limestones manshiftnicks eIQ_gM_{erf}</p> <p>a) Uniformly graded denuded slopes with erratic blocks on grandiorite eIQ_gG_{ss}</p> <p>b) Uniformly graded denuded slopes with erratic blocks on the Mesozoic eIQ_gM_{erf}</p> <p>Bells eIQ_gG_{ss}</p> <p>a) Slides generally eIQ_gPQ_{ss}</p> <p>b) Important block slides eIQ_gPQ_{ss}</p> <p>Couloirs and erosional furrows eIQ_gF_{sch}</p>		<p>1. FORMS OF GLACIER, GLACIER-AFFECTED AND NIVATION ACCUMULATIONS</p> <p>a) Forms Of Glacier Accumulation Strongly Degraded</p> <p>Degraded surface of moraines of the oldest glaciation (Mindelian ?) eIQ_gM_{erf}</p> <p>Degraded surface of moraines of the Penultimate glaciation (Rissian ?) eIQ_gM_{erf}</p> <p>Erratic and other blocks eIQ_gM_{erf}</p> <p>b) Forms Of Glacier Accumulation Slightly Altered By Degradation</p> <p>Würm moraine, stadial A eIQ_gM_{erf}</p> <p>Würm moraine, stadial B eIQ_gM_{erf}</p> <p>Würm moraine, stadial C eIQ_gM_{erf}</p> <p>Würm moraine, stadial D eIQ_gM_{erf}</p> <p>Late-Würm moraine, stadial D, oscillation D₁ eIQ_gM_{erf}</p> <p>Late-Würm moraine, stadial D, oscillation D₂ eIQ_gM_{erf}</p> <p>Late-Würm moraine, interstadial D/E eIQ_gM_{erf}</p> <p>Late-Würm moraine, stadial E, oscillation E₁ eIQ_gM_{erf}</p> <p>Late-Würm moraine, stadial E, oscillation E₂ eIQ_gM_{erf}</p> <p>Late-Würm moraine, stadial E, oscillation E₃ eIQ_gM_{erf}</p> <p>Néval moraine (Late Würm to Holocene) eIQ_gM_{erf}</p> <p>Pro-talus ramparts eIQ_gM_{erf}</p> <p>Sag-and-swell topography (Würm) eIQ_gM_{erf}</p> <p>Non-distinguished Würm moraines eIQ_gM_{erf}</p> <p>Kettles (morainic depression) eIQ_gM_{erf}</p> <p>Morainic lakes (Würm) eIQ_gM_{erf}</p> <p>Arcuate walls (Würm) eIQ_gM_{erf}</p> <p>Snow-patches eIQ_gM_{erf}</p> <p>c) Forms Of Glacifluvial Accumulation</p> <p>Esker eIQ_gM_{erf}</p> <p>d) Other Accumulated Forms On Moraines</p> <p>Morainic basin aggraded by pro-glacial deltas eIQ_gM_{erf}</p>		<p>2. FORMS OF NIVEOGLACIAL EROSION</p> <p>Glaciated knobs eIQ_gM_{erf}</p> <p>Erosional lake eIQ_gM_{erf}</p> <p>Glaciated step (valley step modelled by the glacier) eIQ_gM_{erf}</p> <p>a) Edge of the cirque-cliff sapping eIQ_gM_{erf}</p> <p>b) Trough step eIQ_gM_{erf}</p> <p>c) Trough edge eIQ_gM_{erf}</p> <p>Nurstaek eIQ_gM_{erf}</p> <p>Nivation hollows eIQ_gM_{erf}</p>		<p>2. FORMS OF ACCUMULATION BY GRAVITATION, AND INTERMEDIARY FORMS</p> <p>Talus cones eIQ_gM_{erf}</p> <p>Lendilides eIQ_gM_{erf}</p> <p>Rock-streams and natural levees</p> <p>a) On the open slopes eIQ_gM_{erf}</p> <p>b) From couloirs on talus cones eIQ_gM_{erf}</p> <p>Rock-alluvial fans eIQ_gM_{erf}</p> <p>Polygenetic debris accumulation eIQ_gM_{erf}</p> <p>Periglacial cones eIQ_gM_{erf}</p>		<p>3. FORMS OF GLACIFLUVIAL AND FLUVIAL EROSION AND ACCUMULATION (Cones And Terraces)</p> <p>a) Deep-cut, Strongly Degraded Cones And Terraces</p> <p>Exotic pebbles (Pliocene-Old Pleistocene) eIQ_gM_{erf}</p> <p>Glacifluvial complex (Donau — Mindelian) eIQ_gM_{erf}</p> <p>Glacifluvial complex (Donau ?) eIQ_gM_{erf}</p> <p>Glacifluvial complex (Günz ?) eIQ_gM_{erf}</p> <p>Glacifluvial complex (Mindelian ?) eIQ_gM_{erf}</p> <p>b) Cones And Terraces, Moderately Cut And Degraded, In Some Places With Surface Accumulated By Slope debris</p> <p>Glacifluvial fans (Russian, non-divided) eIQ_gM_{erf}</p> <p>Cone and terrace — Rissian I eIQ_gM_{erf}</p> <p>Cone and terrace — Rissian II eIQ_gM_{erf}</p> <p>c) Low Terraces And Cones Slightly Cut And Non-cut</p> <p>Cone and terrace — the Würm eIQ_gM_{erf}</p> <p>Kame terraces eIQ_gM_{erf}</p> <p>Glacifluvial cone (Late Würm) eIQ_gM_{erf}</p> <p>Holocene river flat eIQ_gM_{erf}</p>	

Příloha 4: Geologické poměry Mengusovské, Velké a Malé Studené a Litvorové doliny. (Nemčok *et al.*, 1994) Pozn. vysvětlivky jsou uvedené na str. 7.



Příloha 5: Vybraní autoři a jejich díla o pleistocenním zalednění v oblasti Vysokých Tater. Na základě Lukniše (1973), rozšířeno.

Autor	Rok vydání	Název publikace
J. Zesner	1856	Über eine alte Längenmoräne im Thale des Bialy Dunajec bei dem hochofen von Zakopane in der Tatra
J. Partsch	1882	Die Gletscher der Vorzeit in den Karpathen ind den Mittelgebirgen Deutschlands
V. Uhlig	1899	Geologie des Tatragebirges
S. Roth	1855	Die einstige Gletscher auf der Südseite der Hohen Tatra
A. Rehman	1893	Eine Moränenlandchaft in der Hohen Tatra und andere Gletscherspuren dieses Gebirge
R. Lucerna	1908	Glacialgeologische Untersuchung der Liptauer Alpen
J. Partsch	1923	Eiszeitin den Gebirgen Europas zwischen dem nordischen und dem alpinen Eisgebiet
F. Vitásek	1924	Naše hory ve věku ledovém
E. Romer	1929	Tatzanska epoka lodowa
J. Partsch	1923	Die Hohe Tatra zur Eiszeit
M. Klimaszewski	1948	Polskie Karpaty zachosnie w okresie dyluwialnym
M. Lukniš	1955	Geomorfologia a kvartér Studenovodskej doliny v Tatrách
M. Lukniš	1964	The course of Last Glaciation of the Western Carpathians in relation to the Alps, to the glaciation of the Northern Europe, and to division of the Centra-European Würm into periods
M. Lukniš	1973	Reliéf Vysokých Tatier a ich predpolia
M. Klimaszewski	1988	Rzeźba Tatr Polskich
R. Halouzka	1977	Stratigraphical subdivision of sediments of the Last Glaciation in the Czechoslovak Carpathians and their correlation with the contemporary Alpine and North European Glaciations.
A. Kotarba	1992	Natural Environment and Landform Dynamics of the Tatra Mountains
L. Lindner <i>et al.</i>	1993	Liczba i wiek zlodowaceń tatrzańskich w świetle datowań termoluminescencyjnych osadów wodnolodowcowych w dorzeczu Białego Dunajca
M. Baumgart-Kotarba a A. Kotarba	1997	Würm glaciation in the Biala Woda valley, High Tatra Mountains
M. Baumgart-Kotarba a A. Kotarba	2001	Deglaciation in the Sucha Woda and Panszczyca valleys in the Polish High Tatras
L. Lindner <i>et al.</i>	2003	Outline of the Quaternary glaciations in the Tatra Mts.:their development, age and limits
M. Makos <i>et al.</i>	2013a	Deglaciation chronology and paleoclimate of the Pieciu Stawów Polskich/Roztoki Valley, high Tatra Mountains, Western Carpathians, since the Last Glacial Maximum, inferred from ³⁶ Cl exposure dating and glacier-climate modelling.
M. Makos <i>et al.</i>	2013b	The Younger Dryas climatic conditions in the Za Mnichem Valley (Polish High Tatra Mountains) based on exposure-age dating and glacier-climatem modelling
P. Klapýta	2013	Application of Schmidt Hammer relative age dating to Late Pleistocene moraines and rock glaciers in the Western Tatra Mountains, Slovakia
M. Křížek a P. Mida	2013	The influence of aspect and altitude on the size, shape and spatial distribution of glacial cirques in the High Tatras (Slovakia, Poland)
M. Makos <i>et al.</i>	2014	Timing of glacier advances and climate in the High Tatra Mountains (Western Carpathians) during the Last Glacial Maximum.