

GEOLOGICAL MAP OF WESTERN CARPATHIANS AND ADJACENT AREAS GEOLOGICKÁ MAPA ZÁPADNÝCH KARPÁT A PRILÁHLÝCH ÚZEMÍ

2000

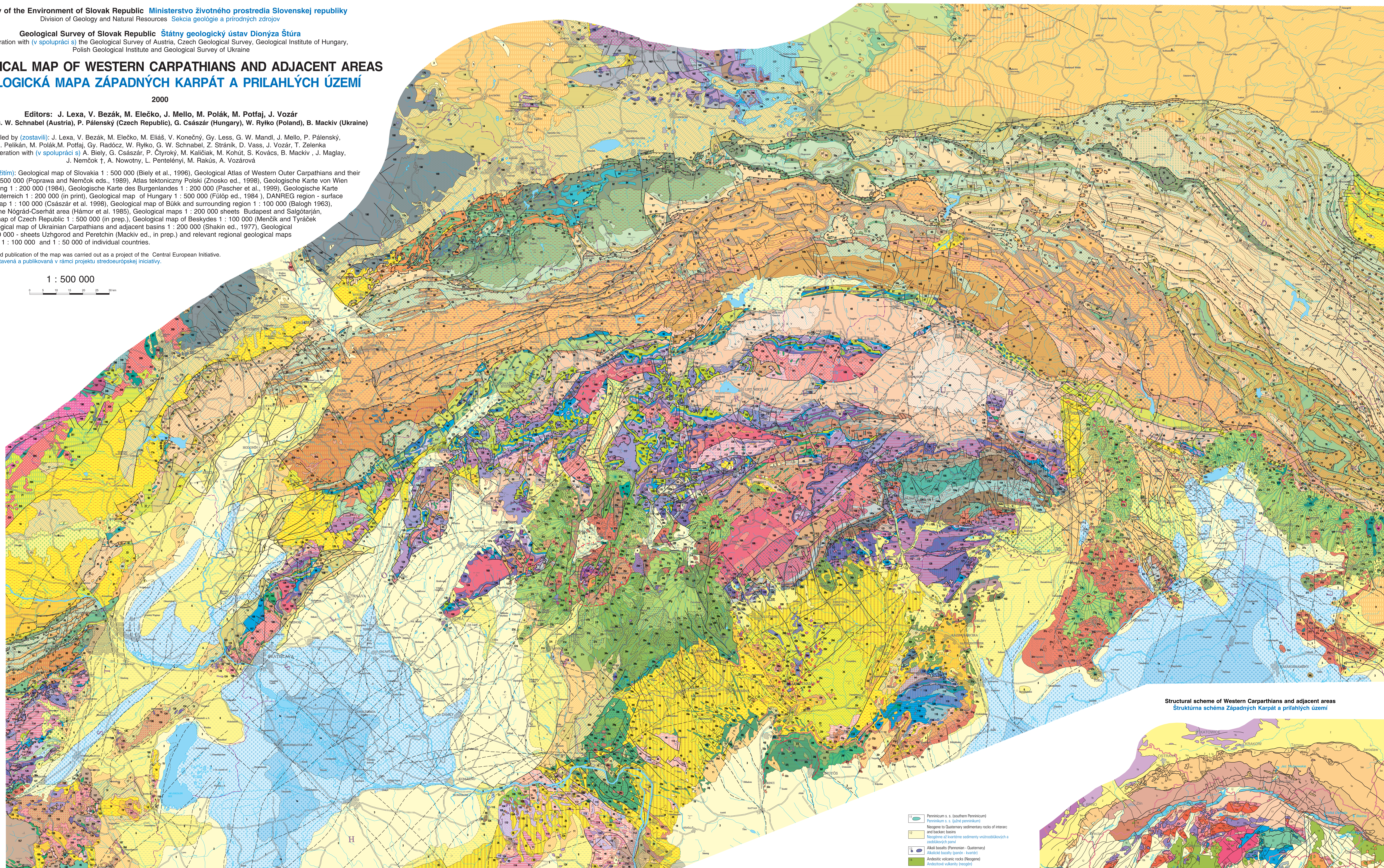
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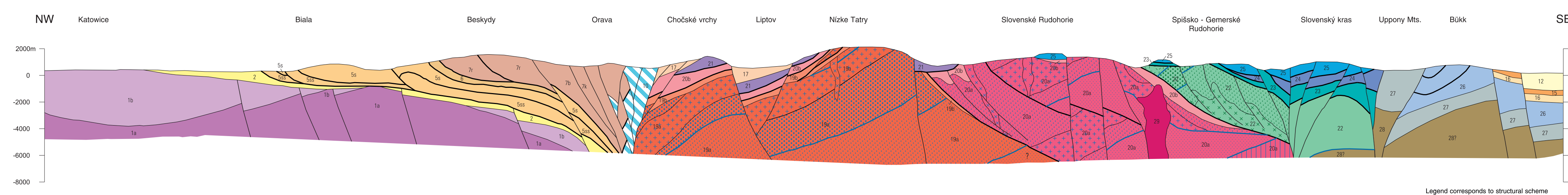
using (s použitím): Geological map of Slovakia 1 : 500 000 (Biely et al., 1996), Geological Atlas of Western Outer Carpathians and their
Foreland 1 : 500 000 (Poprawa and Nemčok eds., 1989), Atlas tektoniczny Polski (Znosko ed., 1998), Geologische Karte von Wien
und Umgebung 1 : 200 000 (1984), Geologische Karte des Burgenlandes 1 : 200 000 (Pascher et al., 1999), Geologische Karte
von Niederösterreich 1 : 200 000 (in print), Geological map of Hungary 1 : 500 000 (Fülep ed., 1984), DANUBE region - surface
geological map 1 : 100 000 (Császár et al. 1998), Geological map of Bükk and surrounding region 1 : 100 000 (Balogh 1963),
Geology of the Nógrád-Cserhát area (Hármor et al. 1985), Geological maps 1 : 200 000 sheets Budapest and Salgótarján,
Geological map of Czech Republic 1 : 500 000 (in prep.), Geological map of Beskydes 1 : 100 000 (Menčík and Tyráček
1985), Geological map of Ukrainian Carpathians and adjacent basins 1 : 200 000 (Shakin ed., 1977), Geological
maps 1 : 200 000 - sheets Uzhgorod and Peretichin (Mackiv ed., in prep.) and relevant regional geological maps
in the scales 1 : 100 000 and 1 : 50 000 of individual countries.

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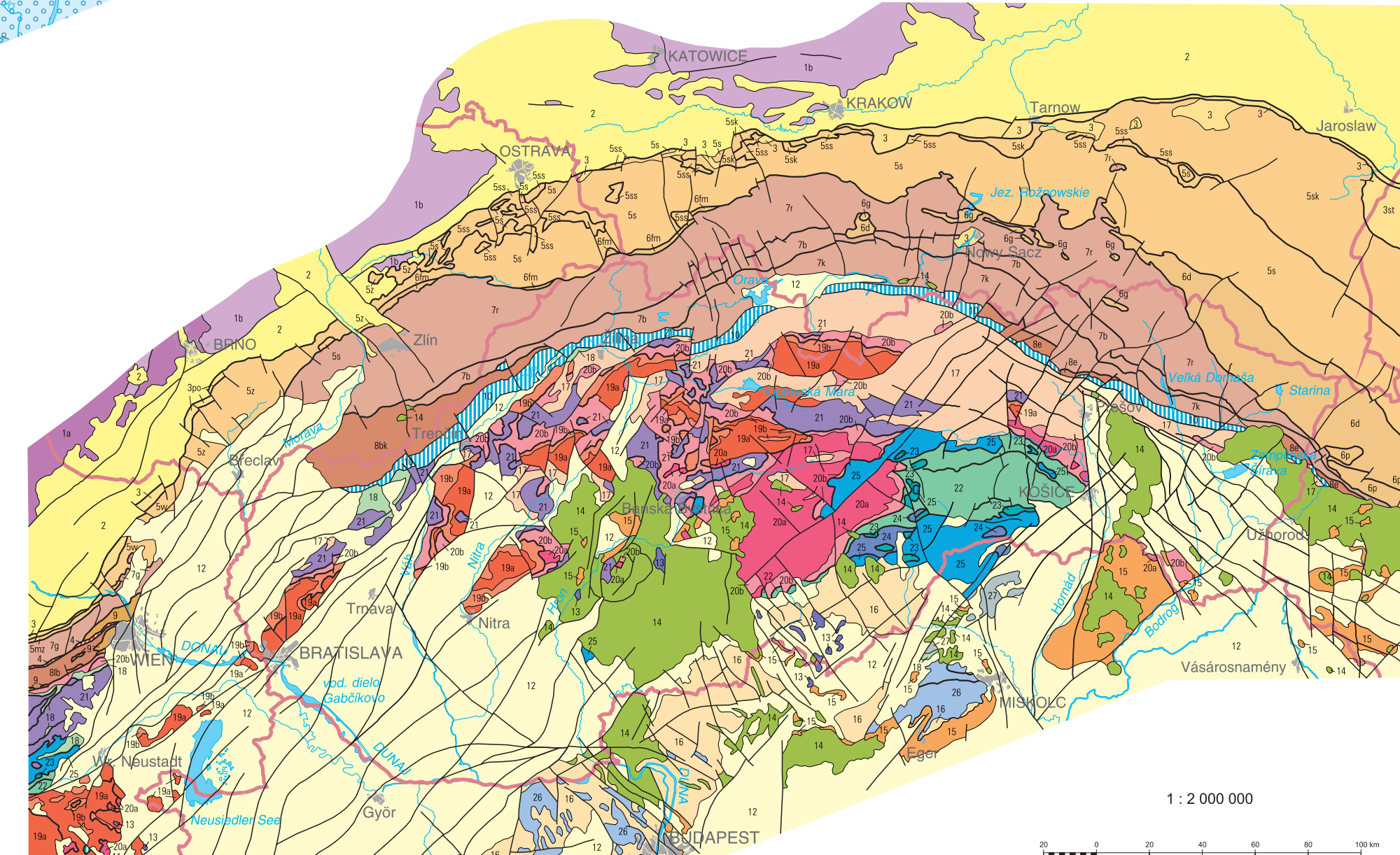


Schematic section of Western Carpathians (vertical scale exaggerated)
Schématický rez Západných Karpát (prevyšný)



- 11 Penninicum s. s. (South Penninicum)
12 Neogene to Quaternary sedimentary rocks of tectonic and basaltic basins
13 Alkali basalts (Pliocene - Quaternary)
14 Andesitic volcanic rocks (Neogene)
15 Rhyolitic volcanic rocks (Neogene)
16 Eocene to Early Miocene sedimentary rocks of the Buda Basin
17 Sediments of the inner Carpathian Paleogene
18 Sediments of the Gosau, Myrica and Hildes groups (Late Cretaceous to Eocene)
19 Tethyan, Unterengadin in the Alps (lower - Weichsel and upper - Semmering series) - a crystalline basement
20 Turicum, v Alpách uterostátný (epidit - vortcovitá a vlnitá - vpremenená zóna) - kryštálikum
21 Neoproterozoic, Cambrium, Mississippian in the Alps - a crystalline basement, s. sedimentary cover and Kibiro nappe
22 Franconian Lure nappe in the Alps
23 Neoproterozoic, Cambrium - v Alpách metamorfizovaný - kryštálikum
24 Sedimentary cover of a Kibirový príkrov v Alpách
25 Proterozoic, Cambrium, Mississippian in the Alps (Draucher nappe group)
26 Franconian Lure nappe (Draucher nappe group)
27 Garmisch, Oranienburg zone of the Oberostalpin in the Alps (Mitic)
28 Garmisch, Oranienburg zone of the Oberostalpin in the Alps (Mitic)
29 Normal and transform faults
30 Thrust faults - a - Alpínske, b - Hercynské (in section)
31 Helminthium
32 Turanum
33 Silicium, Juvavicum of the Oberostalpin (Pöbberwald and Schönbühl nappes)
34 Silicium, v Alpách synorogénne oberostalpin - prehercynský a schönbühlský príkrov
- 35 Carpathian and Alpine folded (Bakstein Massif and Kábcovo Plateau) - a crystalline basement (sedimentary cover) - Dnievskú - Orlavskú
36 Proterozoic Kábcovo a Alp. Ťavý masív a platforma - a kryštálikum
37 Sedimentary cover (Bakstein - Kábcovo)
38 Forestep: Neogene sedimentary rocks of unfolded melange
39 Gorná predhĺbka: neogénne sedimentárne masívne meláže
40 Units of folded melange in front of the Flysch belt
41 - Szabolcs (Siklós) - na Páncsotany
42 - Szabolcs (Siklós) - na Páncsotany
43 - Szabolcs (Siklós) - na Páncsotany
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48 - Szabolcs (Siklós) - na Páncsotany
49 - Szabolcs (Siklós) - na Páncsotany
50 - Szabolcs (Siklós) - na Páncsotany
- 51 Danubium (Bakstein) and Mesozoic rocks of the Hungarian Central Range
52 Danubium (Bakstein) a mezozoikum Madarského strobovária
53 Uppony - Szabolcs-Balaton
54 Paleozoikum Uppony - Szabolcs
55 Pan-African (D) basement (in section)
56 Hercynian units of the Taurus and Vignacium (in section)
57 Hercynian jednotky kábcovského štítu a spojité (in v. rez)
58 New Hercynian granites
59 Hercynian granitoid rocks
60 Mesozoic granitoid rocks
61 Upper epiroxal complex
62 Vlnitý epiroxalný komplex
63 Upper Helminthium unit
64 Vlnitá helminthická jednotka
65 Middle Helminthium unit
66 Stredná helminthická jednotka
67 Lower Helminthium unit
68 Spodná helminthická jednotka
69 Pre-Hercynian basement
70 Predhercynský základ

Structural scheme of Western Carpathians and adjacent areas
Štruktúrna schéma Západných Karpát a príľahlých území



1 : 2 000 000

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