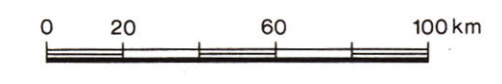


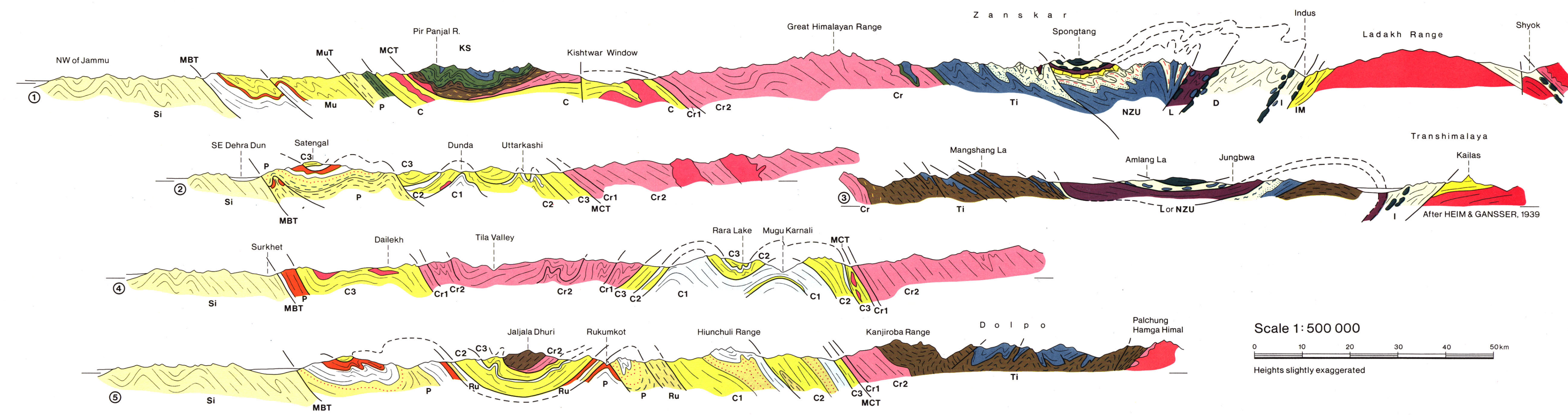
# Geologic-Tectonic Map of the Himalaya

compiled from literature and own observations by G. FUCHS, 1980

Scale 1: 2.000.000



## Selected Sections across the Himalaya



Scale 1: 500 000



Heights slightly exaggerated

<ul style="list-style-type: none"> <li>Lesser Himalaya</li> <li>Siwalik (M. Miocene - Pleist.)</li> <li>Murree (L. Miocene)</li> <li>Tal-Dagshai (Jur.-L. Mioc.)</li> <li>Blaini-Krol-Shali</li> <li>Nagthar</li> <li>Chandpur, Jaunsar (igen.)</li> <li>Chail</li> </ul>	<ul style="list-style-type: none"> <li>High Himalaya</li> <li>Indus Molasse (Oligo. (?) - Miocene)</li> <li>Paleo- Eocene limestones</li> <li>Multi-coloured slates (Eocene?)</li> <li>Late Maestr. - Paleocene limestones</li> </ul>	<ul style="list-style-type: none"> <li>Granitoids</li> <li>Simla Slates</li> <li>Crystalline</li> </ul>	<ul style="list-style-type: none"> <li>Maestr. - Paleocene (?) portion of Lamayuru Fn. (NZU)</li> <li>Kangri La Flysch (Camp. - Early Maestr.)</li> <li>Multi-coloured limestones and slates (Camp.)</li> <li>Gumal Sandstone (L. Cret.) and Chakum Limestone (Mid-Cret.)</li> <li>Mid-Cretaceous - Early Tertiary flysch and volcanics (eg. Dras)</li> <li>Ophiolite melange, peridotite</li> <li>Lamayuru Formation (Triassic - Up. Cretaceous?) (parts of Northern Zaskar Unit)</li> </ul>	<ul style="list-style-type: none"> <li>Triassic - Jurassic formations (mainly carbonates)</li> <li>Agglomeratic Slate, Panjal Trap (Permo-Carbonif.)</li> <li>Paleozoic (igen.)</li> <li>Muth Quartzite, Muth Fn., Tanol (Mid-Pal.)</li> <li>Dogra Slates, Haimanta, Dhaulagiri Limestone (Precamb. - Early Pal.)</li> <li>Crystalline</li> <li>Alpine granitides, granodiorites</li> </ul>	<ul style="list-style-type: none"> <li>Tectonic Units</li> <li>SI Siwalik Zone</li> <li>MU Murree Zone</li> <li>Parautochthonous Unit</li> <li>RU Rukum Nappe</li> <li>Cr1,2,3 Crystalline Nappes</li> <li>KS Kashmir Synclinorium</li> <li>TI Tibetan Zone</li> <li>NZU Northern Zaskar Unit</li> <li>L Lamayuru Unit</li> <li>D Dras Unit</li> <li>I Indus Flysch</li> <li>IM Indus Molasse</li> <li>Thrusts</li> <li>MBT Main Boundary Thrust</li> <li>MCT Main Central Thrust</li> <li>MuT Murree Thrust</li> </ul>
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<ul style="list-style-type: none"> <li>Alluvium (+Karewa, Thakkhola deposits etc.)</li> <li>Siwalik Zone</li> <li>Murree Zone (+Subathu, Dagshai)</li> <li>Jurassic to Miocene (Tal-Dagshai) of Lesser Himalaya and Salt Range</li> <li>Paleo-Mesozoic of Salt Range</li> <li>Simla Slate-Krol (Shali) sequence of Parautochthonous Unit</li> <li>Simla Slate-Krol (Shali) sequence of Simla-Rukum Nappe</li> <li>Simla Slate-Chail Formation (+granitoids) of Chail Nappes</li> <li>Siluro-Devonian intercalations in Tanols of Indus region</li> <li>Nagthar-Shali sequence of Chail Nappes</li> <li>Upper Palaeozoic fossiliferous series of Garhwal</li> <li>Crystalline Nappes</li> <li>Alpine granitoides</li> <li>Tibetan Zone (s.s.)</li> <li>Synclinoria of Kashmir, Chamba, Kathmandu etc.</li> </ul>	<ul style="list-style-type: none"> <li>Triassic-Jurassic of Northern Zaskar Unit (NZU), Chilmakurkur Series</li> <li>Lamayuru Unit and Cretaceous-Eocene of NZU</li> <li>Dras Unit, Indus Flysch, Shyok Volcanics</li> <li>Ophiolite zones, peridotites</li> <li>Indus Molasse</li> <li>Main thrusts</li> <li>Younger thrusts (counterthrusts)</li> <li>Major faults</li> <li>Dip</li> </ul>
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