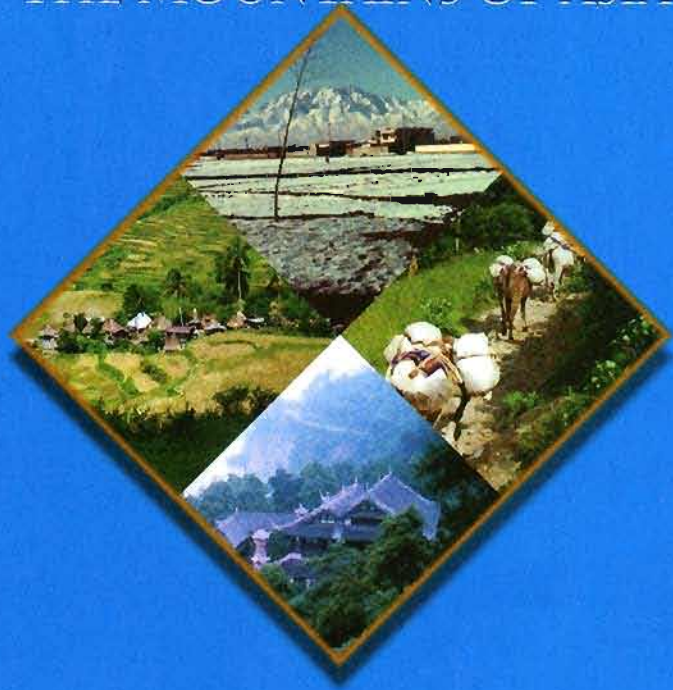


# On the Map

## THE MOUNTAINS OF ASIA





International Centre for Integrated  
Mountain Development



Asia Pacific Mountain  
Network

# On the Map

## THE MOUNTAINS OF ASIA

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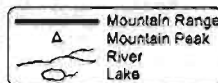
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The maps and tables in this volume are based on those in  
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**Key to the Maps:**



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# Why Mountains in the Year 2002?

From a distance, the mountains seem like silent white-blue sentinels hovering over the daylight; a kaleidoscope of colours at dawn and sunset to attract the senses—and that's all. Yet, inside the complex of river valleys and precipitous slopes live human beings and a rich diversity of flora and fauna. The mountains are only silent when they are remote and inaccessible; to a certain degree hazardous to governments, to development workers, and to all those who feel more secure on level ground. To others the mountains offer adventure, adventure not only for tourists but also for serious scientists who are aware of the treasure of gene pools, biotas, and other resources, conserved through the millennia, that may well provide answers and cures to the problems and plagues of the next millennium.

Mountains have been a perpetual challenge throughout human history—a challenge the dauntless amongst us, the Alexanders and Hannibals, have overcome to a limited degree. Now we have to meet the challenge of using the richness the mountains can give us without destroying the source and without impoverishing mountain people. The people themselves, after all, are one of the richest resources in the mountains. They have developed their comparative

advantages in countless special cultural responses to the problems of inhabiting the most difficult terrains on earth.

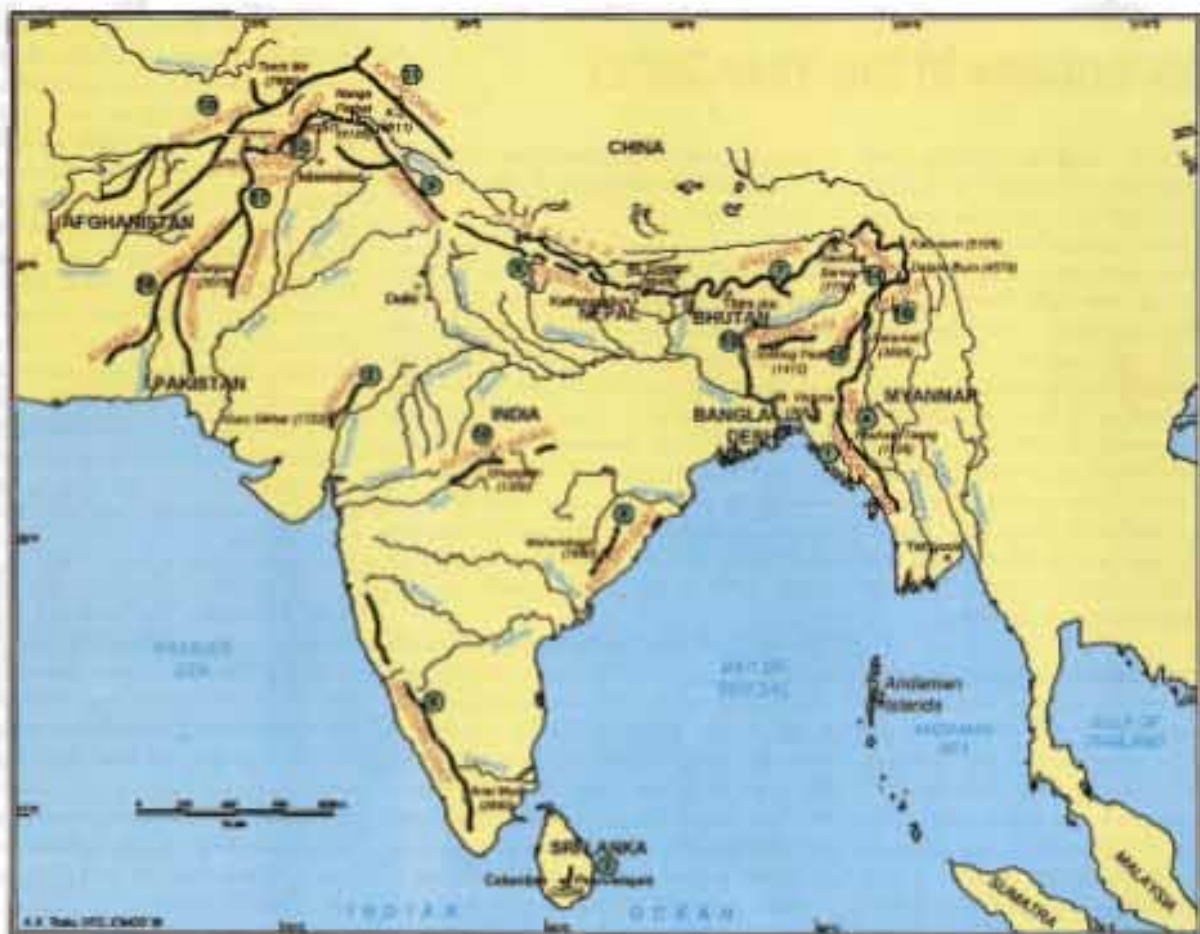
Despite this specialness, it has never been acknowledged that the mountains enrich the lowlands with their wealth. In particular, the vast fresh-water systems of the earth flow out of the mountains and into the seas. They provide sustenance and power. In the past, governments never looked to the mountains, they looked to the plains from the plains. Mountain people were left alone to work for survival—to face the many mountain hazards, the erosion and declining fertility of their soils, receding forests, and the ever urgent search for energy and warmth.

Throughout history, failing support to nourish their systems in crisis, mountain peoples have simply migrated—to the adjacent plains or beyond the seas. Today, increasing populations make this option unfeasible. There is nowhere left to go! Mountain people have few alternatives to living in the mountains they love and which were settled against overwhelming odds by their ancestors throughout the millennia of human settlements. Why go also when they inhabit regions of great richness and diversity, the

repositories of species known and unknown? Mountains are not marginal areas, they are rather marginalised because of our lack of vision. Mountains are really banking the riches of the future, for now and all time. Mountain people are the guardians of these riches and, with the right kind of support, can not merely exist but thrive too on the most rugged terrains on earth. This is why we must ensure that their resources are not exploited for the benefit of others only. We must ensure that mountain peoples everywhere receive a fair return on the principal they have kept for us. Now is the time to pledge that the third millennium will be the one in which we eradicate poverty from the earth and in which the poorest of the poor, many of whom are mountain dwellers, will not have to look upon the face of hunger anymore.

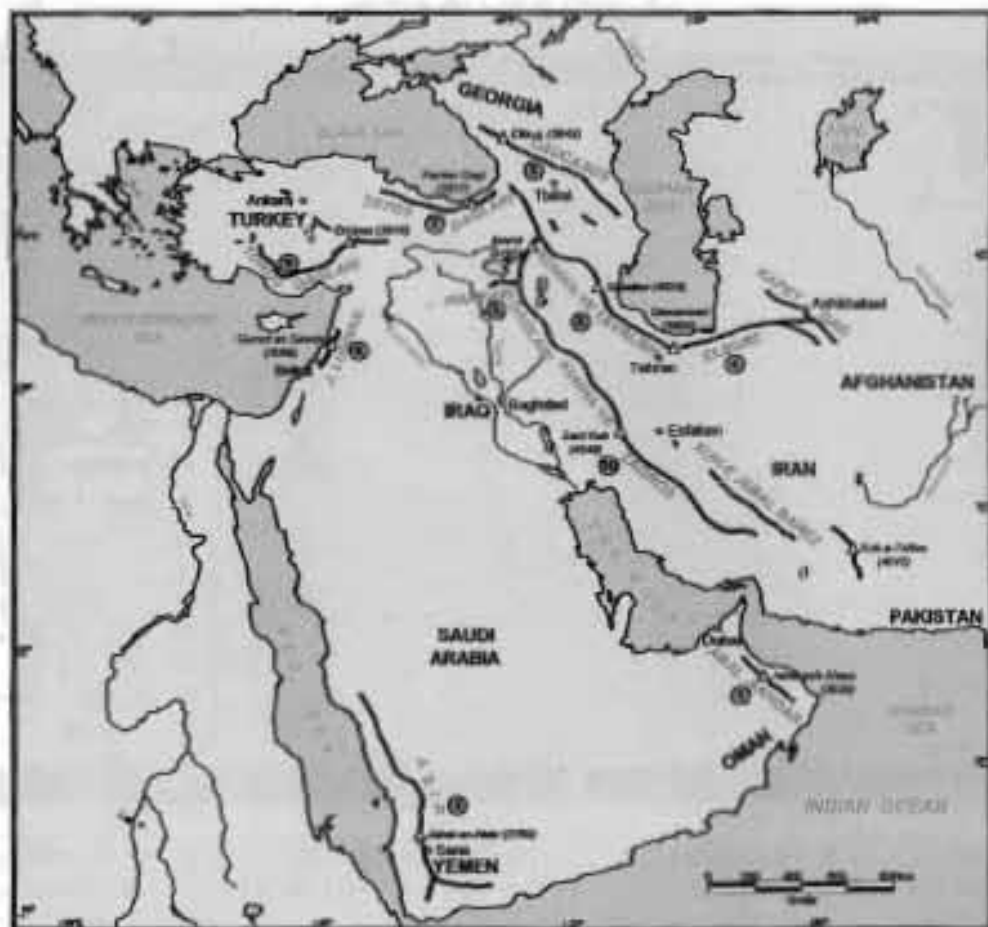
The United Nations has declared 2002 the Year of the Mountains. The mountain institutes of the world, such as the International Centre for Integrated Mountain Development (ICIMOD), and forums, such as the Asia Pacific Mountain Network (APMN), are working together so that mountain people will have something to celebrate. Give the mountains your special attention and help us ensure that everywhere people will contribute so that the mountains receive at least a little of what they have given us since the era of their formation.

Editor



# South Asia

Ranges				Indigenous Culture
No	Range (Subsidiary)	Prominent Peak (Metres)		Location
1.	Arakan Yoma	Pauksa Taong	(1,708)	India/Myanmar
2.	Aravalli Range	Guru Sikhar	(1,722)	India
3.	Central Highlands	Pidurutalagala	(2,524)	Sri Lanka
4.	Chin Hills	Mt. Victoria	(3,053)	India
5.	Ghats, Eastern	Mahandragiri	(1,501)	India
6.	Ghats, Western	Anai Mudi	(2,695)	India
7.	Himalaya, East	Namcha Barwa	(7,756)	China
8.	Himalaya, Central	Mt. Everest	(8,848)	China/Nepal
9.	Himalaya, West	Nanga Parbat	(8,126)	Pakistan
10.	Hindu Kush	Tirich Mir	(7,690)	Pakistan
11.	Karakoram Range	K-2	(8,611)	China/Pakistan
12.	Malakand Range	Falakir	(6,257)	Pakistan
13.	Meghalaya	Shillong Peak	(1,961)	India
14.	Mishmi Hills	Kedusom	(5,108)	India/China
15.	Naga Hills	Saramati	(3,826)	India/Myanmar
16.	Patkai Hills	Dapha Bum	(4,578)	India/Myanmar
17.	Safed Koh	Sikaram	(4,761)	Afghanistan/Pakistan
18.	Setpura-Maikal Range	Dhupgarh	(1,350)	India/China
19.	Toba-Kakar (Makran, Kirthar, Sulaiman)	Zargun	(3,578)	Pakistan
Indigenous Culture				Race/Ethnicity
				N: Caucasoid in the west and Mongoloid in the east W: Caucasoid S: Dravid & Negrito
				Language
				N: Indo-Aryan in the west and Tibeto-Burman in the east W: Indo-Aryan S: Dravidian
				Religion
				N: Islam, Buddhism & Tribal W: Islam S: Hinduism, Buddhism
Physical Components				
Structure & Relief		Climate		Vegetation
N: Cenozoic & rough		N: Temperate		N: Evergreen & deciduous
W: Cenozoic & broken		W: Semi-arid		W: Deciduous shrub
S: Precambrian & smooth		S: Wet & dry tropical		S: Broad-leaved deciduous

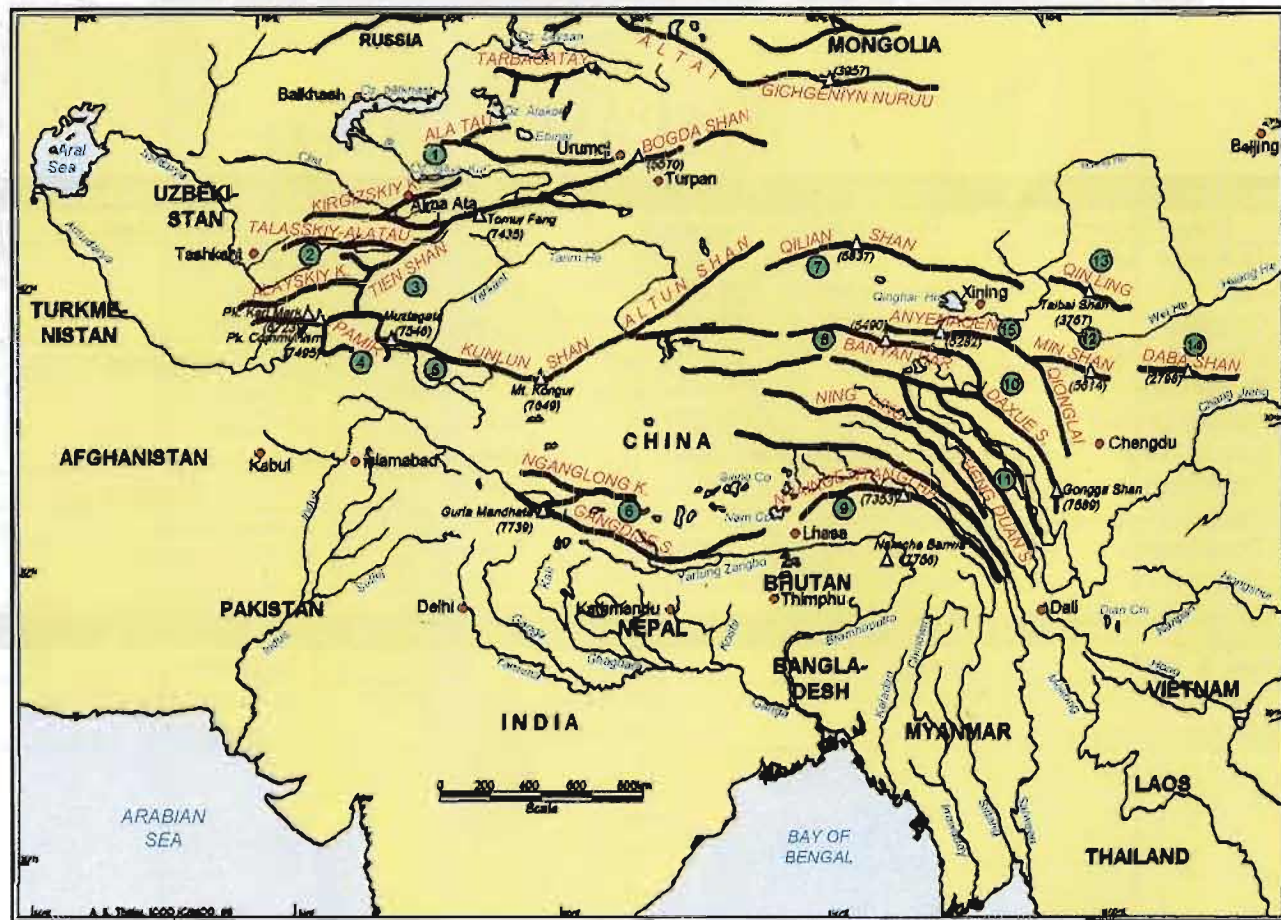




# West Asia

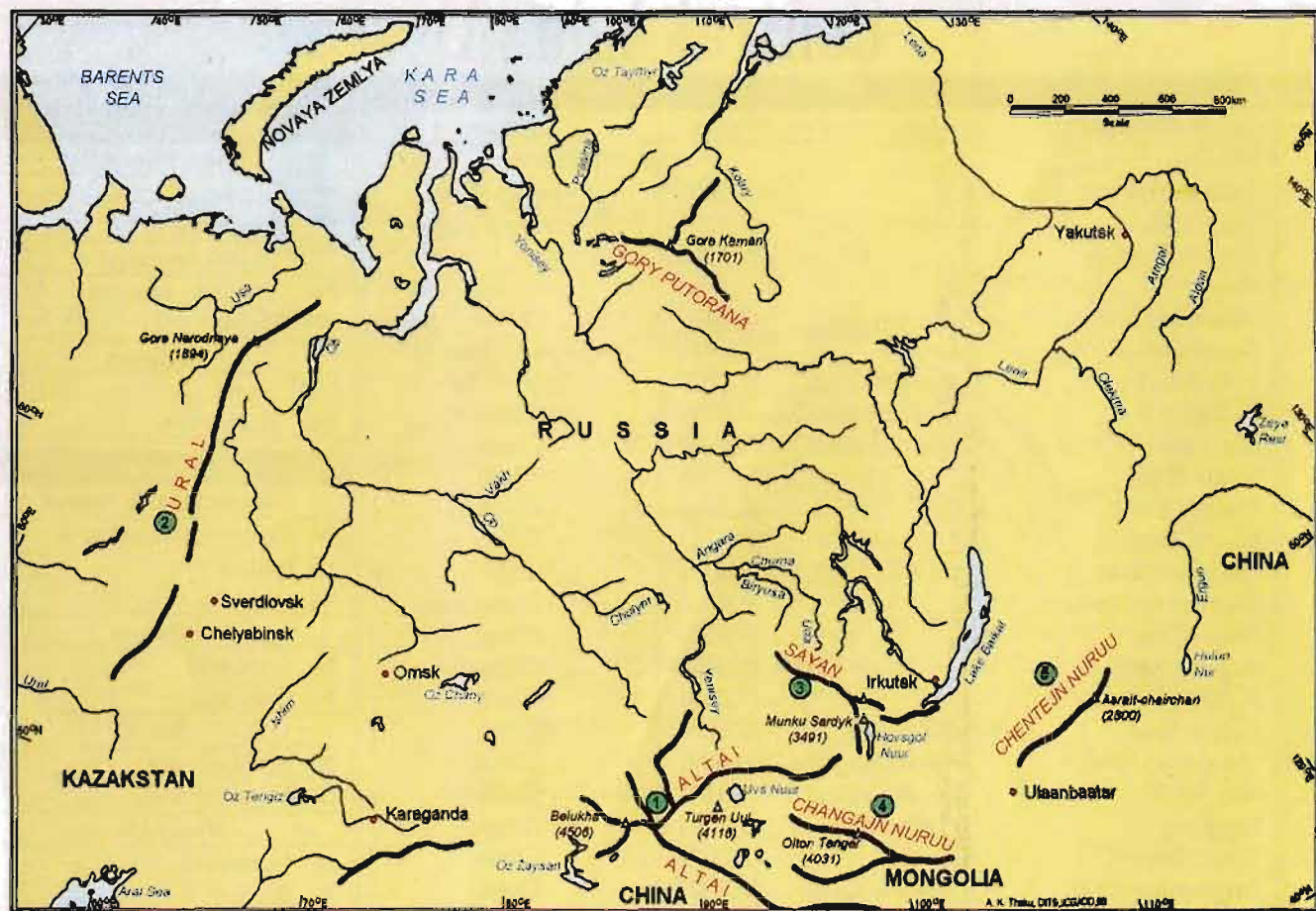
Ranges				Indigenous Culture
No	Range (Subsidiary)	Prominent Peak (metres)	Location	Race/Ethnicity
1.	Al-Akhdar, Jabal	Jabal ash-sham (3,035)	Oman	E: Iranian
2.	Asir	Jabal an-Nabi (3,760)	Yemen	W: Turki
3.	Caucasus	El'brus (5,642)	Georgia/Russia	S: Semitic
4.	Elburz Mountains (Kapet Dag)	Damavand (5,604)	Iran	Language
5.	Hakkari Daglari	Mt. Ararat (5,122)	Turkey	E: Persian
6.	Lubnan Jabal	Qumot as-Sawada (3,083)	Lebanon	W: Turki
7.	Tatos Dagliari	Kackar Dagi (3,937)	Turkey	S: Arabic
8.	Tavalish, Kuhha-ye	Kuye Sabalan (4,814)	Iran	Religion
9.	Toros Daglari	Erciyes Dagi (3,916)	Turkey	E: Islam (Shia)
10.	Zagros, Kuhhay	Zard Kuh (4,547)	Iran	W: Islam (Sunni)
				S: Islam (Sunni)
Physical Components				
Structure & Relief		Climate	Soils	Vegetation
N: Cenozoic & rough		N: Semi-arid	N: Grumosolic	N: Mixed vegetation/grass
S: Precambrian & smooth		S: Arid	S: Desertic	S: Xerophytic





# Central Asia (A)

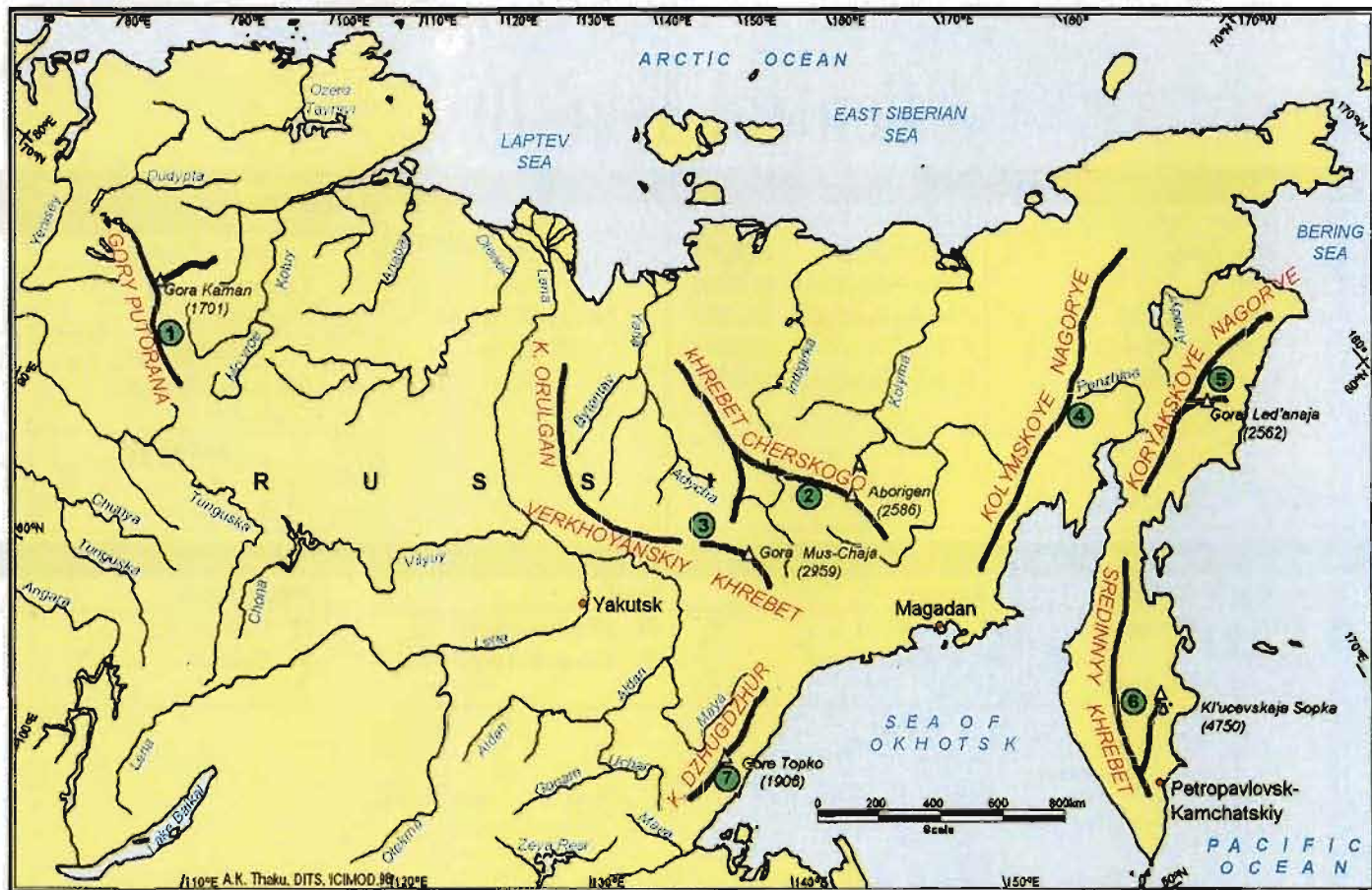
Ranges				Indigenous Culture, Asian Mountains
No	Range (Subsidiary)	Prominent Peak (Metres)	Location	
1.	Ala Tau	-	Kazakhstan/China	<b>Race/Ethnicity</b>
2.	Talesskiy-Alatau	- (4,528)	Kyrgyzstan	N: Tartar
3.	Tien Shan (Bogda Shan)	Tomur Fang (7,435) - (5,570)	China/Kyrgyzstan	S: Mongoloid
4.	Pamir: (Alayskiy Khrebet, Shakhdarinskig K. Yajgulemskiy K. Zoolaskiy K.)	Muztag Ata (7,546) (5,642) Pk. Karl Mark (6,723) Pk. Communism (7,495)	China Kyrgyzstan Tadzhikistan Tadzhikistan	<b>Language</b>
				N: Tungusic, Mongol S: Tibetan
				<b>Religion</b>
				NW: Islam SE: Buddhism
5.	Kun Lun (Altun Shan, Burhan Budai, Ho Xil Shan)	Mt. Kongur (7,649) (6,025) (6,224) (6,415)	China China China China	<b>Physical Components</b>
6.	Gangdise Shan (Nyanglong Kangri)	Gurla Mandhata (7,739) - (6,450)	China China	<b>Structure &amp; Relief</b>
7.	Qilian Shan	- (5,687)	China	N: Paleozoic/Mesozoic & broken
8.	Bayan Har	- (5,490)	China	S: Cenozoic & rough
9.	Nyalingtanglha Shan	(7,353)	China	<b>Climate</b>
10.	Daxue Shan	Gongga S. (7,556)	China	N: Semi-arid S: Cold arid
11.	Hengduan Shan	Moirikawgarbo (6,809)	China	<b>Soils</b>
12.	Min Shan	Xuebao Ding (5,614)	China	N: Mostly desertic S: Mountain soils
13.	Qin Ling	Taipei S. (3,767)	China	<b>Vegetation</b>
14.	Daba Shan	- (2,798)	China	N: Grassland
15.	Anyemaqen Shan	Magen Kangri (6,282)	China	S: Barren



# Central Asia (B)

Ranges				Indigenous Culture, Asian Mountains	
No	Range (Subsidiary)	Prominent Peak (Metres)	Location	Race/Ethnicity	
1.	Altai/Altay	Mt. Belukha (4,506)	Russia	N: Tartar	
2.	Ural	Gora Narodnaya (1,894)	Russia	S: Mongoloid	
3.	Sayan Khrebet	Munku Sardyk (3,491)	Mongolia/Russia	Language	
4.	Changajin Nuruu	Olton Tenger (4,031)	Mongolia	N: Tungusic, Mongol	
5.	Chentejn Nuruu	Asralt-chairchan (2,800)	China	S: Tibetan	
				Religion	
				NW: Islam	
				SE: Buddhism	
Physical Components					
Structure & Relief		Climate	Soils	Vegetation	
N: Paleozoic/Mesozoic & broken		N: Semi-arid	N: Mostly desertic	N: Grassland	
S: Cenozoic & rough		S: Cold arid	S: Mountain soils	S: Barren	





# North-East Asia (A)

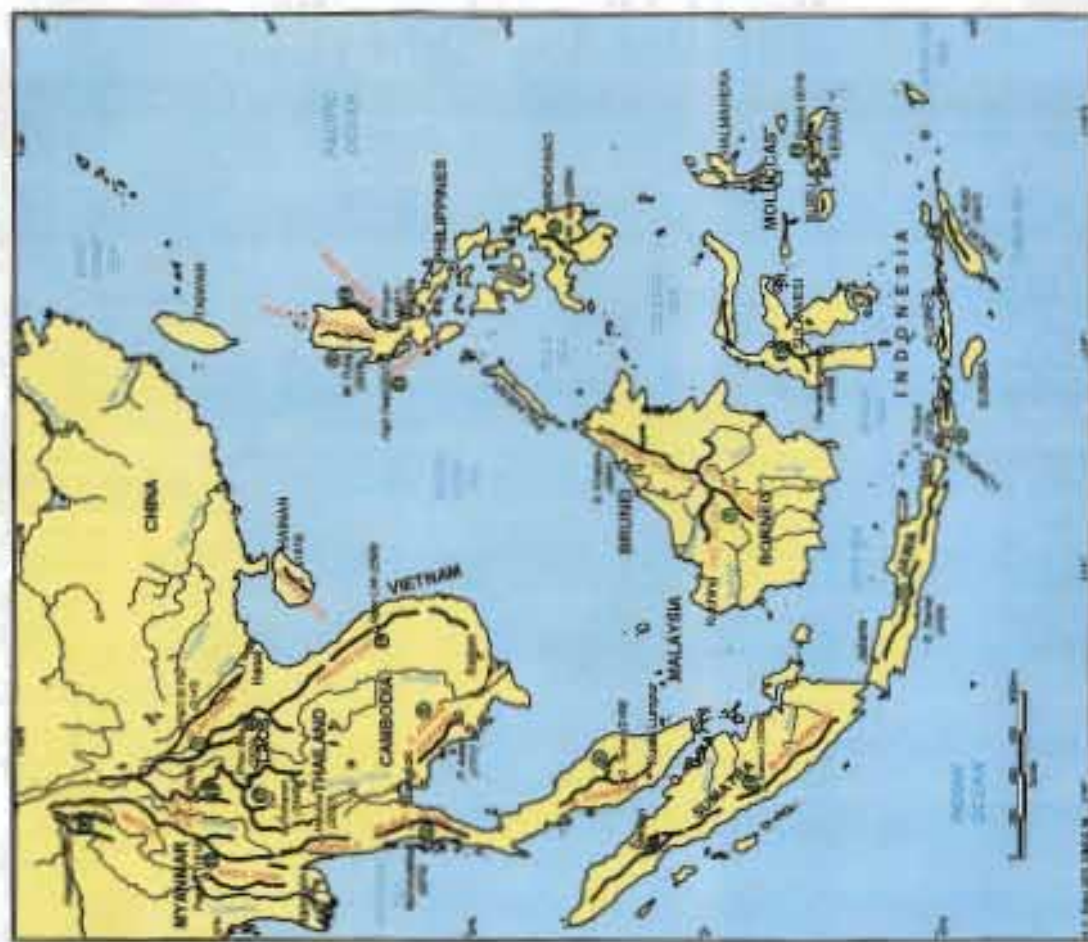
Ranges				Indigenous Culture
No	Range (subsidiary)	Prominent Peak (metres)	Location	Race/Ethnicity
1	Gory Putorana	Gora Kaman (1,701)	Russia	N: Tungu
2	Cherenskogo	Aborigen (2,586)	Russia	S: Mongoloid
3	Verkhoyenskiy Khrebet	Gora Mus-Chaja (2,959)	Russia	Language
4	Kolymiskoye Nogor'ye	-	Russia	N: Manchu, Samoyed
5	Koryakskoye Nogor'ye	Gora Led' anaja (2,562)	Russia	E: Japanese
6	Sredinnyy Khrebet	Kl'ucevskaja Sopka (4,750)	Russia	S: Chinese
7	Dzhugdzhur	Gora Topko (1,909)	Russia	Religion
				N: Shamanism
				E: Shinto/Buddhism
				S: Confucianism/Buddhism
Physical Components				
Structure & Relief		Climate	Soils	Vegetation
Mostly: Paleozoic/ Mesozoic & broken		N: Semi arid	N: Chernozemic	N: Mixed forest & tundra
Far East: Cenozoic & rough		E: Humid mid-latitude	S: Mountain soils	S: Mixed forest
		S: Humid sub-tropical		





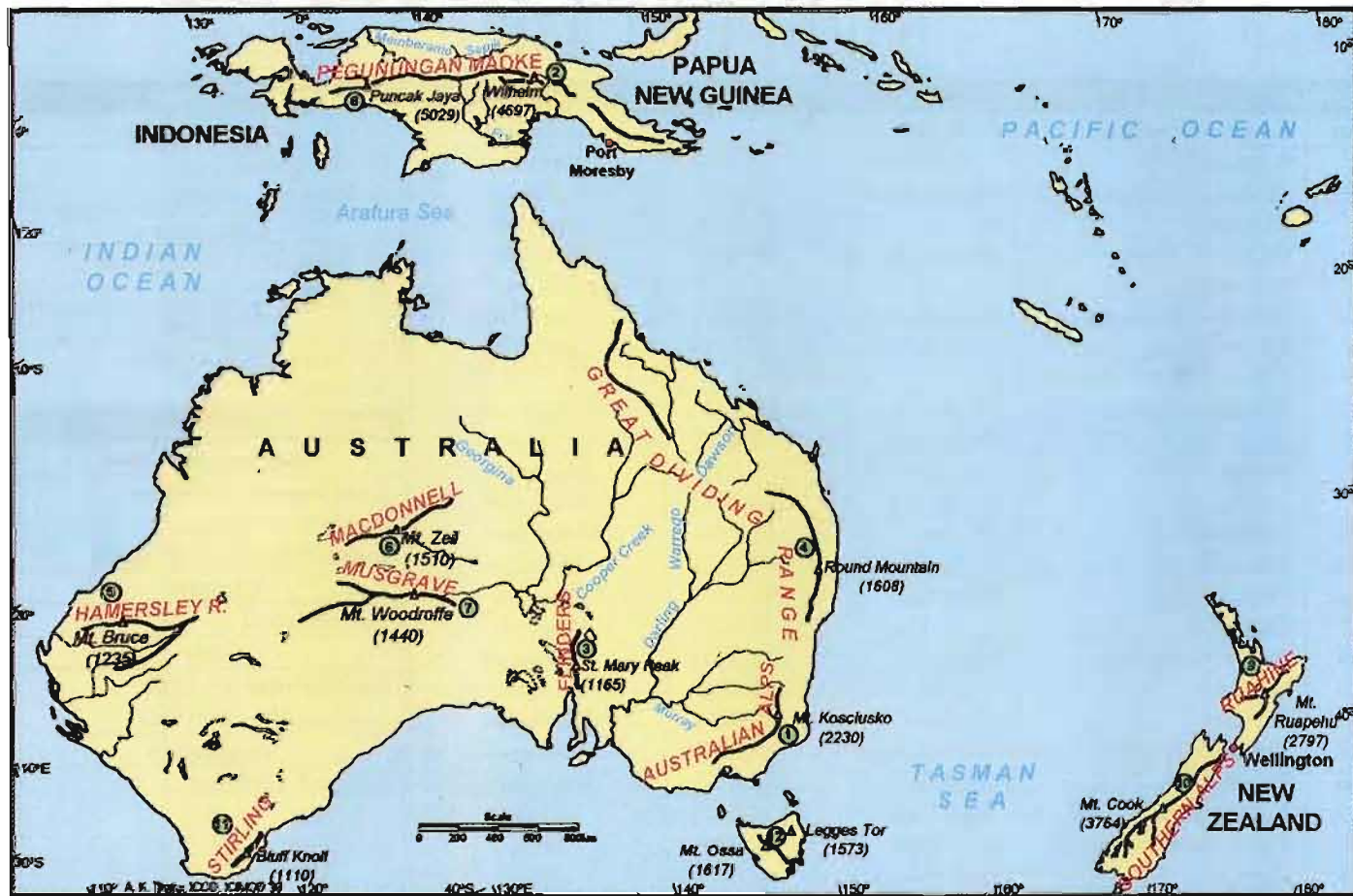
# North-East Asia (B)

Ranges				Indigenous Culture	
No.	Range (subsidiary)	Prominent Peak (metres)	Location	Race/Ethnicity	
1.	Bureinskij Khrebet	(2,640)	Russia	N: Tungu	
2.	Stanovoy Khrebet (Yablonovyy Khrebet)	Gora In'aptuk (2,578) Burun Sibertu (2,519)	Russia Russia	S: Mongoloid	
3.	Great Khingan Range	Fuka S. (1,656)	China	<b>Language</b>	
4.	Sikhote Alin	Gora Tardoki-jani (2,077)	Russia	N: Manchu, Samoyed	
5.	Hokkaido	Daisetsu-zan (2,290)	Japan	E: Japanese	
6.	Changbai Shan	Paektu-san (2,744)	China/North Korea	S: Chinese	
7.	Taihang Shan	Wutai S. (3,058)	China	<b>Religion</b>	
8.	Hamgyong-Sanmaek	Kwanmo-bong (2,540)	North Korea	N: Shamanism	
9.	Taebaek-Sanmaek	Chi-san (1,915)	South Korea	E: Shinto/Buddhism	
10.	Tai Shan	Yuhuang Ding (1,524)	China	S: Confucianism/Buddhism	
11.	Japan Alps	Fuji-san (3,776)	Japan	<b>Physical Components</b>	
12.	Kyushu	Kuju-san (1,787)	Japan	<b>Structure &amp; Relief</b>	
13.	Dabie Shan	Huo S. (1,774)	China	Mostly: Paleozoic/ Mesozoic	
14.	Tianmu Shan	Xitianmu S. (1,507)	China	Far East: Cenozoic & rough	
15.	Jiuling Shan	Wu-mei (1,686)	China	<b>Climate</b>	
16.	Wuyi Shan	Huangang (2,158)	China	N: Semi arid	
17.	Wugong Shan	Wugong (1,585)	China	E: Humid mid-latitude	
18.	Nam Ling	Shikankong (1,907)	China	S: Humid sub-tropical	
19.	Daiyun Shan	Baiyan S. (1,596)	China	<b>Soils</b>	
20.	Chungyang Shanmo	Yue Shan (3,997)	Taiwan	N: Chernozemic	
				S: Mountain soils	
				<b>Vegetation</b>	
				N: Mixed forest & tundra	
				S: Mixed forest	



# South-East Asia

Ranges				Indigenous Culture	
No.	Range (Subsidiary)	Prominent Peak (M)		Location	Race/Ethnicity
1.	Ailao Shan	Fam Si Pan	(3,143)	Vietnam	N: Mongoloid
2.	Bilaktaung Range (Dawna)	Myinmoletkat	(2,072)	Myanmar	S: Malayan, Negrito
3.	Borneo (Crocker, Iran, Kalimantan)	Mawkhi	(2,080)	Myanmar	Language
		Gunung Kinabal	(4,094)	Malaysia	N: Shan, Thai, Mon-Khmer
4.	Banjaran Titiwangsa	Gunung Tahan	(2,187)	Malaysia	S: Malay
5.	Chuor Phnum Kravanh (Chuor Phnum Damrei)	Phnam Aoral	(1,771)	Cambodia	Religion
6.	Cordillera Central	Mt. Pulog	(2,929)	Philippines	N: Buddhism & animistic
7.	Java	G. Slamet	(3,428)	Indonesia	S: Islam
8.	Kachin	Hkakabao Raz	(5,881)	Myanmar	Physical Components
9.	Lombok	G. Rinjani	(3,726)	Indonesia	Structure & Relief
10.	Mindanao	Mt. Apo	(2,954)	Philippines	Continental: Paleozoic/ Mesozoic & broken
11.	Moluccas	G. Binaiya	(3,019)	Indonesia	Insular: Cenozoic & rough
12.	Pegu Yoma	Popa Hill	(1,519)	Myanmar	Climate
13.	Shan Hills	-	(2,603)	Myanmar	Rainy tropical
14.	Sierra Madre	Mingan	(1,901)	Philippines	Soils
15.	Sulawesi	Bulu Rantekombola	(3,455)	Indonesia	Continental: Podzolic
16.	Sumatra	G. Kerinci	(3,800)	Indonesia	Insular: Mountain soils
17.	Thailand, North	Doi Inthelon	(2,595)	Thailand	Vegetation
18.	Timor	G. Mutis	(2,427)	Indonesia	Tropical rain forest
19.	Truong San	Ngoc Linh	(2,598)	Vietnam	
20.	Xiang Khoang Plateau	Phou Bea	(2,820)	Laos	
21.	Zambales	High Peak	(2,037)	Philippines	



# Australasia

Ranges				Indigenous Culture
No.	Range (Subsidiary)	Prominent Peak (Metres)	Location	Race/Ethnicity
1.	Australian Alps	Mt. Kosciusko (2,230)	Australia	N: Papuan
2.	Central Cordillera	Mt. Wilhelm (4,697)	Papua New Guinea	C: Austro-Dravidian
3.	Flinders Range	Mt. Mary Peak (1,165)	Australia	S: Polynesian
4.	Great Dividing Range	Round Mountain (1,608)	Australia	Language
5.	Hamersley Range	Mt. Bruce (1,235)	Australia	N: Austronesian
6.	Macdonell Range	Mt. Zail (1,510)	Australia	C: Austric
7.	Musgrove Range	Mt. Woodroffe (1,440)	Australia	S: Maori
8.	Pegumungan Maoke	Puncak Jaya (5,039)	Indonesia	Religion
9.	Ruahine Range	Mt. Ruapehu (2,797)	New Zealand	N: Antimistic
10.	Southern Alps	Mt. Cook (3,764)	New Zealand	C: Antimistic
11.	Stirling Range	Bluff Knoll (1,110)	Australia	S: Antimistic
12.	Tasmania	Legges Tor (1,573)	Australia	
Physical Components				
Structure & Relief	Climate	Soils	Vegetation	
<b>New Guinea:</b> Cenozoic & rough	<b>New Guinea:</b> Rainy tropical	<b>New Guinea:</b> Mountain soils	<b>New Guinea:</b> Tropical forest	
<b>Australia:</b> Precambrian/Paleozoic/Mesozoic & smooth to broken	<b>Australia:</b> Hot arid in west & humid in east	<b>Australia:</b> Desertic in west & grumelic in east	<b>Australia:</b> Xerophytic in the west and mixed forest in the east	
<b>New Zealand:</b> Cenozoic & rough	<b>New Zealand:</b> Temperate marine	<b>New Zealand:</b> Mountain soils	<b>New Zealand:</b> Mixed forest & grassland	

**Participating Countries  
of the Hindu Kush-  
Himalayan Region**



Afghanistan



Bangladesh



Bhutan



China



India



Myanmar



Nepal



Pakistan

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