

# Vertical Mountain Ranges in the Americas, Mexico, African Highlands, North Central Asia, and Japan, Philippines and Australia and Horizontal Mountain or Slanted Mountain Ranges Elsewhere

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## ABSTRACT

Vertical Mountain Ranges exist in the Americas, North Central Asia, African Highlands and Japan, Philippines and Australia and Horizontal Mountain Ranges exist Elsewhere is a new geographical thesis like the “Frontier Thesis” of Frederick Jackson Turner delivered at the World’s Columbian Exposition in 1893. Slanted mountain ranges occur in the European continent in places like the Caucasus mountains too. Carpathian mountain ranges, Apennines, Pyrenees, Dinaric Alps can be seen as slanted mountain ranges too. [1] The Pennines of the United Kingdom can be seen as a vertical direction mountain range.

*Keywords: Mountains, Mountain Ranges, Rockies, Appalachians, Vertical, Horizontal, Slanted Mountain ranges*

## 1. INTRODUCTION

Vertical Mountain Ranges exist in the Americas with the Appalachians, Andes, Rockies, United Kingdom, Central Asia with Zagros Mountains, Ural Mountains, Japan, Philippine Mountain Ranges and Great Dividing Range in Australia. [2] Vertical mountains mean the mountains seem to be pointed in a North South direction. Slanted Mountain ranges exist in places like the Carpathian, Scandinavian Peninsula, Italian Peninsula. [3]

## 2. MATERIAL AND METHODS / EXPERIMENTAL DETAILS / METHODOLOGY

I used maps I discovered in various resources like the National Geographic Student Atlas of the World as an inspiration and reference for this article. [4] This book was a discard from Seattle Public Library found in front of a book store in Hyde Park, Illinois, when I was working in the area for the Behavioral Sciences Department of the University of Chicago and for a local insurance broker. I would leave work and find discards in a box in front of the bookstore.

## 3. RESULTS AND DISCUSSION

Vertical Mountain Ranges exist in the Americas with the Appalachians, Andes, Rockies, Central Asia with Zagros Mountains, Ural Mountains, Japan, Philippine Mountain Ranges and Great Dividing Range in Australia. Vertical mountains mean the mountains seem to be pointed in a North South direction. [5]

Slanted mountain ranges occur in the Caucuses mountains too. Carpathian mountain ranges, Apennines, Pyrenees, Dinaric Alps, Italian Peninsula can be seen as slanted mountain ranges too. [6]

Spain has the Pyrenees, Cantabria Mountains, Baetic Mountains are all mostly east west directed mountains. That may mean some kind of hot spot exists in the Indian ocean pushing up towards Antarctica. Scottish Highlands are neither east west or north South but both. A number of hotspots really do exist in the Southern hemisphere, near Los Angeles California one near Hawaii, Vancouver, Washington State and east of the Philippines. [7]

Horizontal Mountain Ranges exist in the Altay Mountains, Caucuses Mountains, Kunlun Mountains, Himalayan Mountains, Atlas Mountains, Alps, and Guiana Highlands. Horizontal Mountain ranges means the Range seems to lie in an East West direction. [8]

Zagros and Caucuses mountain ranges seem to be a little both horizontal and vertical as do all the other mountain ranges as well to some degree. Rockies are going east west too. Andes and Appalachians go east and west too. [9] The thesis can be talked about also in terms of what direction does a mountain range really lie in?

Even though a mountain range like the Rockies seem vertical or up down in direction, the Rockies really do travel east west as well.

Japan, Philippines and the Great Dividing Range of Australia run along a line of North South Mountains. [10]

Mountain ranges also lie along Mexico in a North South appearing directions, but the words Sierra Madres, Sierra Oaxaca or Sierra Oriental used instead of mountain ranges. [11]

Combined pressure from the Mid-Atlantic range east west and the hotspots in the southern part of the Earth could produce the slanted mountain ranges of Europe.

#### **4. CONCLUSION**

Much like any other geographical thesis, vertical Mountain ranges in the Americas, Mexico, and North Central Asia like the Urals, and Japanese, Philippines and Australia and horizontal mountain ranges in other areas of the world and slanted mountain ranges in Europe is a new geographical thesis. The "Frontier Thesis" of Frederick Jackson Turner delivered at the World's Fair Colombian Exposition in 1893 is problematic as frontiers do not really always relieve social turmoil or act as a safety valve as tensions can increase with a frontier. Mountain ranges are directed more North South in the Americas, Mexico, North Central Asia, African Highlands Japan, Philippines and in Australia and more east west direction in other regions of the Earth like the Caucasus in Southern Europe. [12] I use the thesis to show we can discuss apparent directions of mountain ranges and think about the formation of the Earth and its continents using the topic of ranges of mountains. We can also talk about if Vertical Mountain ranges or North South mountain ranges and Horizontal or East west mountain range or slanted mountain range concepts are really meaningful or just based on the way words are placed on maps or map design?

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