**CRUST-BUSTING CHOICES**

**What follows is a partial inventory from which instructors can begin to create their own listing, choosing and adding in ways suitable to their own objectives and preferences.**

**Thrust fault and Reverse faults systems**:

Bighorn Thrust, Wyoming

Glarus Thrust, Switzerland

Hebrides Thrust, Scotland

Keystone Thrust, California

Lewis Overthrust, Montana

Longmen Shan Fault, Sichuan, China

Lykaion Thrust and Klippe, Peloponnese, Greece

Main Central Thrust, Himalayas

Main Frontal Thrust, Himalayas

McConnel Thrust, Alberta

Moine Thrust, Scotland

Muddy Mountains thrust, Nevada

Oak Ridge Fault, California

Outer Hebrides Thrust, Scotland

Pico Thrust and Northridge Earthquake, Los Angeles, California

Santa Monica Fault, Los Angeles, California

Seattle Fault, Washington

Sevier Thrust System, Utah, Idaho, Wyoming (choose a major thrust within)

Valley and Ridge Province, Pennsylvania, New York (choose a domain within)

Taconic Thrust

Wind River Thrust

Zagros Belt, Iran

**Normal fault systems:**

Akritsa Fault, Greece

Baikal Rift Zone, Russia

Catalina-Rincon Detachment Fault, Arizona

Corinth Rift, Greece

Delphi Fault Zone, Greece

Grand Teton Fault, Wyoming

Heart Mountain Detachment, Wyoming

Hilina Slump, Hawaii

Hurricane fault, Utah

Moab Fault, Utah

Red Sea Rift, Eastern Mediterranean

Rhine Graben Rift System, Germany

Southern Tibetan detachment system, Tibet

Tablelands Fault System, Bishop, California

Wasatch Fault, Utah

Whipple Detachment fault, California

**Strike-slip fault systems:**

Alpine fault, New Zealand

Altyn Tagh Fault, China

Aspy Fault, Nova Scotia

Atacama Fault, Chile

Atwatere Fault, New Zealand

Chixoy-Polochic Fault, Guatemala

Christchurch Fault, New Zealand

Dead Sea Transform, Sinai Peninsula

Death Valley Fault System, California

Denali Fault, Alaska

East Anatolian Fault Zone, Turkey

Great Glen Fault, Scotland

Great Sumatran Fault, Sumatra, Indonesia

Hope Fault, New Zealand

Kunlun Fault, Tibet

North Anatolian Fault Zone, Turkey

Marlborough Fault System, New Zealand

Motagua Fault, Guatemala

Owens Valley fault, California

Red River fault, Tibet

San Andreas Fault, California (northern segment)

San Andreas Fault, California (creeping segment)

San Andreas Fault, California (southern segment)

Tanlu fault, China

White Mountains Shear Zone, California