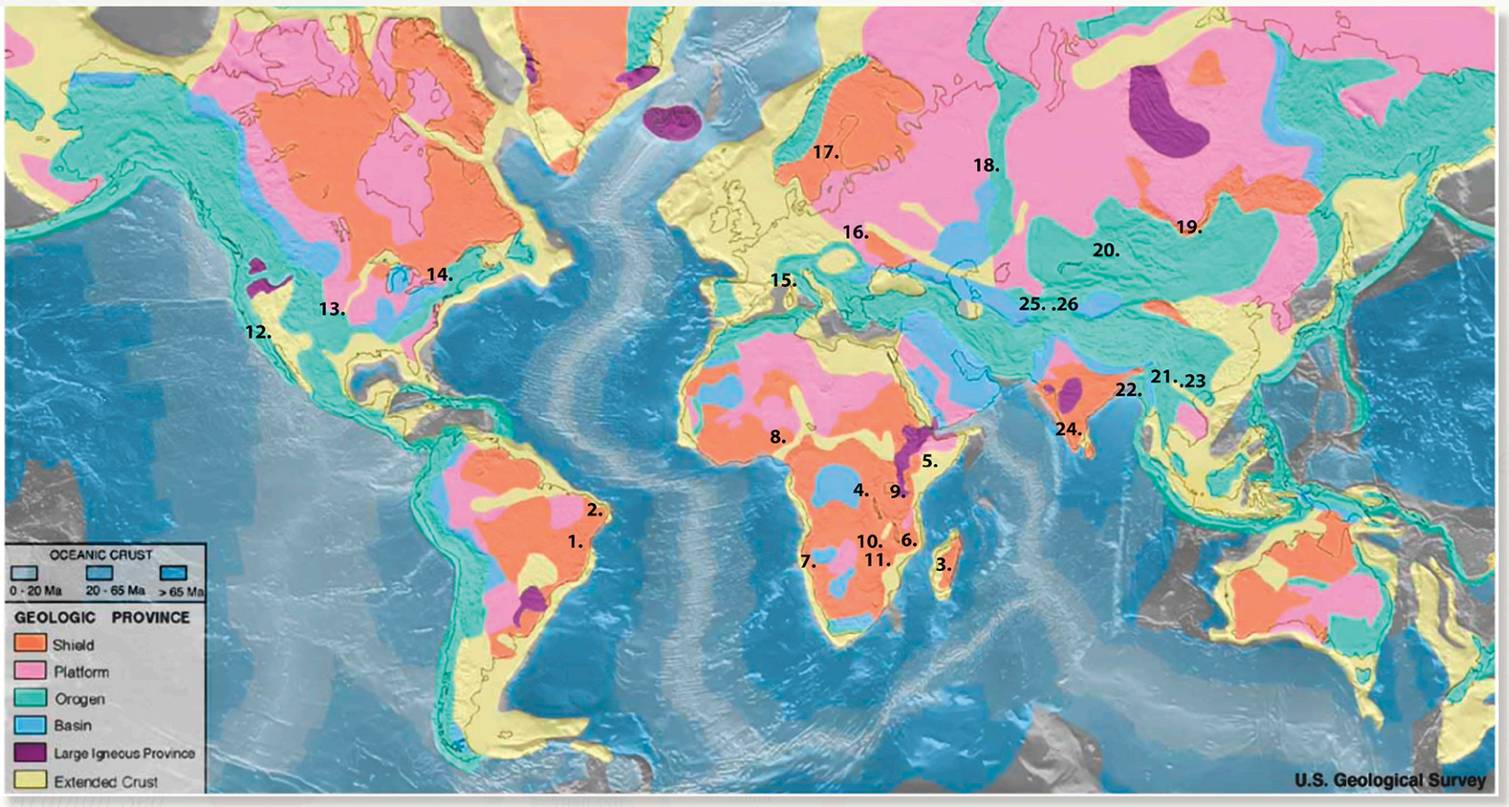

Major Gem-Pegmatite Districts of the World. Source: *Elements*, Vol. 8, No. 4, August 2012, W. B. Simmons *et al*

1. Brazil: Minas Gerais

2. Brazil: Paraíba, Rio Grande do Norte

3. Madagascar: Antananarivo, Fianarantsoa, Toamasina

4. D. R. Congo: Katanga, Nord Kivu

5. Kenya: Coast

6. Mozambique: Nampula, Tete, Zambezia

7. Namibia: Erongo

8. Nigeria: Edo, Kaduna, Kwara, Nassarawa, Oyo, Plateau

9. Tanzania: Arusha, Morogoro, Tanga

10. Zambia: Central, Eastern

11. Zimbabwe: Mashonaland West

12. United States: California, Mesa Grande, Pala, Ramona

13. United States: Colorado Collegiate Range

14. United States: New England, Maine, New Hampshire, Connecticut

15. Italy: Elba

16. Ukraine: Zhytomyr

17. Finland: Luumäki (South Karelia)

18. Russia: Ural Mountains

19. Russia: Zabaykalsky (Transbaikalia)

20. China: Xinjiang Uygur

21. China: Yunan

22. Myanmar: Mogok, Momeik

23. Vietnam: Yen Bai

24. India: Tamil Nadu

25. Afghanistan: Kunar, Nuristan

26. Pakistan: Gilgit-Baltistan

MAJOR GEM-PRODUCING DISTRICTS AND NOTABLE GEM MINERALS

Brazil: Minas Gerais
Aquamarine

1. Brazil: Minas Gerais
Beryl (aquamarine, morganite, heliodor), topaz, tourmaline, spodumene (kunzite, hiddenite), brazilianite, euclase, quartz (rose, smoky, citrine), amblygonite-montebrasite

2. Brazil: Paraiba, Rio Grande do Norte
Tourmaline (Paraiba variety), beryl (aquamarine, morganite, heliodor), euclase, quartz (rose, smoky, citrine), spessartine

3. Madagascar: Antananarivo, Fianarantsoa, Toamasina
Tourmaline, beryl (aquamarine), spodumene (kunzite), londonite, pezzottaite, hambergite, orthoclase/sanidine, quartz (rose), spessartine, danburite, phenakite

4. D. R. Congo: Katanga, Nord Kivu
Tourmaline

5. Kenya: Coast
Tourmaline

6. Mozambique: Nampula, Tete, Zambezia
Tourmaline, spessartine, beryl (aquamarine), topaz, spodumene (kunzite), quartz (rose)

7. Namibia: Erongo
Tourmaline, beryl (aquamarine), topaz, jeremejevite

8. Nigeria: Edo, Kaduna, Kwara, Nassarawa, Oyo, Plateau
Tourmaline, chrysoberyl, topaz, beryl, phenakite, spodumene, spessartine

9. Tanzania: Arusha, Morogoro, Tanga
Tourmaline, spessartine

10. Zambia: Central, Eastern
Tourmaline, beryl (emerald), spessartine

11. Zimbabwe: Mashonaland West
Beryl (aquamarine), topaz, tourmaline

12. United States: California, Mesa Grande, Pala, Ramona
Tourmaline, beryl (aquamarine, morganite), spessartine, spodumene (kunzite)

13. United States: Colorado, Collegiate Range
Beryl (aquamarine), phenakite, microcline (amazonite)

14. United States: New England, Maine, New Hampshire, Connecticut
Tourmaline, beryl (aquamarine), pollucite

15. Italy: Elba
Tourmaline, pollucite

16. Ukraine: Zhytomyr
Beryl (heliodor, aquamarine), topaz

17. Finland: Luumäki (South Karelia
Beryl (aquamarine), tourmaline

18. Russia: Ural Mountains
Beryl (aquamarine, emerald), topaz, chrysoberyl (alexandrite)

19. Russia: Zabaykaisky (Transbaikalia)
Tourmaline, danburite, pollucite, spessartine, beryl (aquamarine) topaz

20. China: Xinjiang Uygur
Beryl (aquamarine), tourmaline

21. China: Yunan
Tourmaline, beryl (aquamarine) spessartine

22. Myanmar: Mogok, Momeik
Tourmaline, phenakite, petalite, pollucite

23. Vietnam: Yen Bai
Tourmaline, microcline (amazonite)

24. India: Tamil Nadu
Beryl (aquamarine)

25. Afghanistan: Kunar, Nuristan
Tourmaline, spessartine, topaz, beryl (emerald, aquamarine), spodumene (kunzite)

26. Pakistan: Gilgit-Baltistan
Tourmaline, spessartine, beryl (aquamarine), topaz

Sources: Clifford et al. 2011; Cornejo and Bartorelli 2010; Groat et al. 2007; Falster et al. 2002, 2005; Pezzotta 2001; Shigley et al. 2010; Simmons 2007