

G&G Data Depository: Localities for minor colored stones in the 2000s, to accompany J. E. Shigley et al., “Gem Localities of the 2000s,” Fall 2010 *G&G*, pp. 188-216.

GEM MATERIAL/LOCALITY	REFERENCE
Amber/copal	
China	Ou-Yang (2005)
Fujian	
Hainan	
Henan	
Liaoning—Fushun	
Tibet	
Yunnan	
Dominican Republic	Iturralde-Vinent (2001), Cattaneo (2008), Corday and Dittrich (2009)
Estonia	
Baltic Sea Coast	
Germany	
Saxony-Anhalt—Bitterfeld	Fuhrmann (2005), Yamamoto et al. (2006)
Indonesia	
Sarawak	Thielemann et al. (2001)
Latvia	
Baltic Sea Coast	
Lithuania	
Baltic Sea Coast	
Madagascar	Laurs (2001h)
Mexico	
Chiapas—Simojovel de Allende	Kraemer (2007)
Myanmar	
Kachin—Hukawng Valley	Hlaing (1999), Zherikhin and Ross (2000), P. Hlaing (pers. comm., 2009)
Sagaing—Hkamti	Levinson (2001), Cruickshank and Ko (2003) Poinar et al. (2007)
Poland	
Baltic Sea Coast	Kosmowska-Ceranowicz (2004, 2009)
Russia	
Kaliningrad: Sambian Peninsula	Kosmowska-Ceranowicz (2009), P. Sokolov and V. Zboykov (pers. comm., 2009)

Spain	Delclòs et al. (2007), Peñalver et al. (2007)
Amblygonite-montebrasite	
Myanmar	
Mandalay—Mogok: Sakangyi	P. Hlaing (pers. comm., 2009)
Brazil	
Minas Gerais—Divino das Laranjeiras: <i>Linópolis</i>	J. Hyršl (pers. comm., 2009)
Andalusite	
Brazil	
Minas Gerais—Itinga: <i>Jenipapo</i>	Fernandes and Choudhary (2009) J. Hyršl (pers. comm., 2009)
Myanmar	
Mandalay—Kyauksin	Hlaing (2000)
Apatite	
Brazil	
China	J. Hyršl (pers. comm., 2009)
Kazakhstan	
Akzhailyau Mountains	Hyršl (2002b), Zharinov et al. (2008)
India	
Andhra Pradesh—Borra, Vishakhapatnam	
Bihar—Baraganda	
Orissa—Kalahandi	
Rajasthan—Ajmer, Bhilwara, Rajgarh	G. Choudhary and J. Panjikar (pers. comm., 2009)
Tamil Nadu—Namakkal, Salem	Sarkar and Guru (2010)
Madagascar	
Antsiranana—Ambilobe, Ankarafantsika, Manambato, Milanoa	
Toliara—Mitsinjo	Sarkar and Guru (2010)
Mexico	
Durango—Cerro de Mercado	F. Danet and F. Pezzotta (pers. comm., 2009) Laurs (2000)
Myanmar	
Mandalay—Mogok, Singu: <i>Letpanthla</i>	
Shan—Momeik	M. Smith and K. Thu (pers. comm., 2009) Kyi et al. (2005)
Pakistan	
Gilgit-Baltistan—Basha Valley: Niaslo; Hunza Valley: Chumar Bakhoor	D. Blauwet (pers. comm., 2009)
Sri Lanka	
Central—Eppawala, Mahiyangana	G. Zoysa (pers. comm., 2009)
Sabaragamuwa—Ratnapura	

Southern—Deniyaya, Morawaka
Uva—Okkampitiya

Axinite

Pakistan

Baluchistan—Taftan Mountains

Fritz et al. (2007d)

Tanzania

Arusha—Merelani

Andreozzi et al. (2000), Jang-Green et al. (2007), Wilson et al. (2009)

Russia

Northern Ural Mountains—Neroika Mountain: Puiva

J. Hyršl (pers. comm., 2009)

Benitoite

United States

California—San Benito-New Idria: *Benitoite Gem*

Laurs (2002h), Van Baalen (2004), Veevaert (2006), Wilson (2008), White (2010)

Brazilianite

Brazil

Minas Gerais—Divino das Laranjeiras: *Linópolis*; Itinga:
Jenipapo

Cook (2008), J. Hyršl (pers. comm., 2009)

Charoite

Russia

Yakutia: Sakha Republic—Chara River: Murun Massif - *Sirenevyi* P. Lyckberg, P. Sokolov, and V. Kamen Zboykov (pers. comm., 2009)

Chrome diopside

Russia

Yakutia: Sakha Republic—Aldan: *Inagli*

P. Sokolov and V. Zboykov (pers. comm., 2009)
Naumov et al. (2008), P. Lyckberg (pers. comm., 2009)

Chrysoprase and prase opal

Australia

Queensland—Marlborough
Western Australia—Yerilla Station

Brown (2000,2002), Sutherland (2006), Downing (2007)

Kazakhstan

Karkaralinsk—Sarykul Boldy

Sachanbiński et al. (2001)

Poland

Lower Silesia—Szklary

Sachanbiński et al. (2001)

Russia

Southern Ural Mountains

Mikhailov (2000)

Tanzania

Dodoma—Haneti: Iyobo Mountain

Shigley et al. (2009)

Danburite		
Madagascar		F. Danet (pers. comm., 2009)
Antananarivo—Anjanabononina, Mount Bity		
Fianarantsao—Ambatovita		
 Mexico		
San Luis Potosí—Charcas		J. Hyršl (pers. comm., 2009)
 Myanmar		
Kachin—Momeik		Kyi et al. (2005), P. Hlaing (pers. comm., 2009)
Mandalay—Kyatpyin		Kiefert (2007)
 Tanzania		
Morogoro—Uluguru Mountains		Chadwick and Laurs (2008), W. Balmer (pers. comm., 2009)
 Russia		
Far East—Primorsky: Dalnegorsk		Grant and Wilson (2001), Solyanik and Pakhomova (2007)
 Diaspore		
Myanmar		
Shan—Mong Hsu		Kyi and Win (2004)
 Turkey		
Muğla—İbir Mountains		Hatipoğlu and Akgün (2009), Hatipoğlu et al. (2010a,b), Henn (2009b)
 Euclase		
Brazil		Ferreira et al. (2008), B. Cook (pers. comm., 2009)
Minas Gerais—Conselheiro Pena, Ouro Preto		J. Hyršl (pers. comm., 2009)
Rio Grande do Norte—Equador		
 Colombia		
Boyacá—Guavió-Guatéque: Chivor		Notari et al. (2000), Sauer and Laurs (2006)
 Madagascar		
Antananarivo—Ambohidrano		F. Danet (pers. comm., 2009)
 Zimbabwe		
Mashonaland West—Kadoma: <i>Rattis</i> ; Mwami: <i>Last Hope</i>		L. Marsh and F. Mutugumbate (pers. comm., 2009)
 Feldspar		
Australia		
Queensland—Hughenden		Bracewell (2000)
 China		
Inner Mongolia—Baotou		Ou-Yang (2005), B. Ottens (pers. comm., 2009)
		Abduriyim (2008), Aburiyim and

Tibet—Xigazê	Kobayashi (2008) Laurs (2005d), Abduriyim (2008,2009), Aburiyim and Kobayashi (2008)
Yunnan Xinjiang Uygur	
India	Henn (2006b), G. Choudhary and J. Panjikar (pers. comm., 2009)
Andhra Pradesh—Nellore Bihar—Inderwa Jamma and Kashmir—Baramula, Kaj-i-Nag, Wangtu Jharkhand—Hazaribag, Kodarma Karnataka—Bangalore, Dhakshina, Kannada, Mysore Kerala—Nayyar, Trivandrum Orissa Rajasthan—Ajmer, Bhilwara Tamil Nadu—Dindigul, Kangayam, Karur, Madurai, Salem, Tiruchchirappalli West Bengal—Manbhumi	Quinn and Laurs (2005c) Michelou (2006), Sarkar and Guru (2010)
Kenya	Chadwick et al. (2008b)
Madagascar	Henn and Milisenda (2001)
Antananarivo—Ambohimanambola Fianarantsoa—Ambositra, Sahambano Mahajanga—Kandreho Toamasina—Abatondrazaka Toliara—Betioky, Mahabo, Mahasoa	Quinn and Laurs (2006c) Pezzotta (2001a)
Mexico	
Chihuahua—Naica, Nuevo Casas Grandes, Valle de Allende	Laurs et al. (2006), Ostrooumov and Camacho (2007)
Mozambique	
Tete—Marávia: <i>Marironguè</i>	J. Marques (pers. comm., 2009)
Myanmar	
Mandalay—Mogok	Kyi and Thu (2003), U. Hlaing (pers. comm., 2009)
Pakistan	
Gilgit-Baltistan—Basha Valley: Niaslo; Indus Valley: Shengus	D. Blauwet (pers. comm., 2009)
Russia	
Murmansk—Kola Peninsula: Parusnaya and Ploskaya Mountains Southern Ural Mountains—Chelyabinsk: Ilmen Mountains	V. Zboykov (pers. comm., 2009)
Sri Lanka	
Central—Elahera Sabaragamuwa—Balangoda, Ratnapura Southern—Ambalangoda, Mitiyagoda	G. Zoysa (pers. comm., 2009) Michelou (2006) Pardieu and Senoble (2005b), Michelou (2006)

Tanzania	Hänni et al. (2003), Henn (2005a), Henn et al. (2005), Michelou (2006), Chadwick et al. (2008), W. Balmer, D. Mantheakis, and S. Merisheki (pers. comm., 2009) Laurs (2002i)
Arusha—Engare Naibor Kilimanjaro—Longido Manyara—Narujuruju Morogoro—Geiro, Kilosa Tanga—Mbaromo	Quinn et al. (2005)
United States Alaska—Ketchikan Oregon—Harney: <i>Ponderosa</i> ; Lake: Plush	White (2010) Jang-Green (2009) Henn (2003b,2004), Segel et al. (2007)
Vietnam Yen Bai—Luc Yen	D. Blauwet (pers. comm., 2009) Levinson et al. (2001c), Laurs et al. (2005)
Zaire	Fritsch (2002), Krzemnicki (2004)
Iolite (cordierite)	
Brazil Minas Gerais—Virgolândia Rio Grande do Norte—Parelhas: <i>Santa Barbara</i>	L. Barbosa (pers. comm., 2009) Laurs (2005c), Michelou (2006)
Canada British Columbia—Slocan Valley: Passmore	Simandl et al. (2000), Wilson (2007)
India Karnataka Kerala—Tiruvalla, Trivandrum Orissa—Kalahandi, Sambalpur Tamil Nadu—Kangayam, Karur, Kiranur, Madurai, Tiruchchirappalli	G. Choudhary and J. Panjikar (pers. comm., 2009) Sarkar and Guru (2010)
Kenya Eastern—Kitui	C. Simonet (pers. comm., 2009)
Madagascar Toliara—Anbatomanaho	Henn and Milisenda (2001), F. Danet (pers. comm., 2009)
Sri Lanka Central—Elahera Sabaragamuwa—Eheliyagoda, Ratnapura Uva—Okkampitiya	G. Zoysa (pers. comm., 2009)
Tanzania Dodoma—Mpwapwa Kilimanjaro—Pare Mountains	W. Balmer (pers. comm., 2009)

Zimbabwe	L. Marsh and F. Mutugumbate (pers. comm., 2009)
Mashonaland West—Makuti Matabeleland South—Zvishavane: <i>Malala</i> Midlands—Beitbridge: <i>Nsingo</i>	
Kornerupine	
Madagascar Toliara—Betroka	Henn and Milisenda (2001)
Myanmar	
Mandalay—Mogok	P. Hlaing (pers. comm., 2009)
Sri Lanka	
Central—Elahera Sabaragamuwa—Kolonne, Ratnapura Uva—Okkampitiya	G. Zoysa (pers. comm., 2009)
Tanzania	
Tanga—Usambara Mountains	Cevalhos (2009)
Kyanite	
Brazil	
Bahia—Vitória da Conquista Minas Gerais	Laurs (2001j) Cook (2008)
India	
Jammu and Kashmir Karnataka—Mysore, Nagamangala Orissa—Balangir, Kalahandi	G. Choudhary and J. Panjikar (pers. comm., 2009)
Myanmar	
Kachin—Mohnyin	Hlaing (2009a)
Nepal	
	Henn (2003a), Laurs and Quinn (2005)
Tanzania	
Arusha—Loliondo: <i>Nani</i>	Chadwick and Rossman (2009)
Lapis lazuli (lazurite)	
Afghanistan	
Badakhshan—Kokcha Valley: Sar-e-Sang	Henn and Braun (2001), Faryad (2002), Hammer (2003c), Heflik and Natkaniec-Nowak (2003), Lo Giudice et al. (2009)
Chile	
Limari—El Polvo: <i>Flor de Los Andes, San Marcelo, Seguridad</i>	Coenraads and Canut de Bon (2000), Henn and Braun (2001)
Myanmar	

Mandalay—Mogok	P. Hlaing (pers. comm., 2009)
Pakistan Gilgit-Baltistan—Indus Valley: Haramosh Mountains	D. Blauwet (pers. comm., 2009)
Russia Siberia—Irkutsk: Slyudyanka	Reznitskii et al. (2000), Henn and Braun (2001)
Tajikistan Kuhistoni-Badakhshon—Pamir Mountains	Henn and Braun (2001)
Maw-sit-sit	
Myanmar Kachin—Kansi: Maw-sit	Colombo et al. (2000), P. Hlaing (pers. comm., 2009)
Moldavite and other tektites	
Australia	McCall (2006)
Cambodia	McCall (2006)
China Guangdong—Zhangjiang	Kim and Kim (2006)
Czech Republic Jihočeský—Budějovice: <i>Besednice, Chlum, Vrábče</i>	Trnka and Houzar (2002), McCall (2006) J. Hyršl (pers. comm., 2009)
Philippines	McCall (2006)
Thailand	McCall (2006)
Vietnam	McCall (2006)
Phenakite	
Madagascar Antananarivo—Anjanabonoina	Danet (2009c)
Myanmar Shan—Molo: Katchay; Momeik	M. Smith, U. Thu, and P. Hlaing (pers. comm., 2009)
Nigeria Edo—Okuta Plateau—Jos	J. Michelou (pers. comm., 2009) Laurs (2009d)
Zambia Copperbelt—Luanshya-Kafubu	J. Hyršl (pers. comm., 2009)
United States Colorado—Chaffee: Mt. Antero	Cook (2009)
Red beryl	

United States		
Utah—Beaver: Wah Wah Mountains	Shigley et al. (2003), Macri (2009), White (2010)	
Rhodochrosite		
Argentina		
Catamarca—Capillitas	Michelou (2006)	
China		
Guangxi Zhuang—Wuzhou: <i>Wudong</i>	Lees (2009a)	
Peru		
Junin—Yauli: <i>Manuelita</i>	Hyršl (2001a)	
Lima—Oyón: <i>Uchucchacua</i>	Hyršl and Rosales (2005)	
Huancavelica—Huachocolpa	J. Hyršl (pers. comm., 2009)	
United States		
Colorado—Park: <i>Sweet Home</i>	White (2010) Bartos et al. (2007)	
Rhodonite		
Australia		
New South Wales—Broken Hill	Sutherland (2006) Milsteed et al. (2005), Milsteed (2006)	
Brazil		
Minas Gerais—Conselheiro Lafaiete: <i>Morro da Mina</i>	Henn and Bank (2000), Quinn and Laurs (2004c), Leverett et al. (2008), L. Barbosa (pers. comm., 2009), Laurs (2010b)	
Madagascar		
Toliara—Ampanihy	Henn and Milisenda (2001)	
Scapolite		
Afghanistan		
Badakhshan	McClure et al. (2005b)	
Brazil		
Espírito Santo—Aracruz	J. Hyršl (pers. comm., 2009)	
India		
Tamil Nadu—Kangayam, Karur	G. Choudhary (pers. comm., 2009)	
Mozambique		
Nampula—Malema: Mutuáli	J. Marques (pers. comm., 2009)	
Zambézia—Gilé	Gomes et al. (2004) Michelou (2006)	
Myanmar		
Mandalay—Mogok	J. Hyršl (pers. comm., 2009)	
Sri Lanka		
Sabaragamuwa—Eheliyagoda, Kolonne, Ratnapura	G. Zoysa (pers. comm., 2009)	
Tanzania		
	Henn (2005b)	

Dodoma—Mpwapwa	Mayerson et al. (2003), Michelou (2006)
Sillimanite India Andhra Pradesh—Araku Valley, Bobbili, Chintapalli, Paderu Orissa—Rayagada Tamil Nadu—Namakkal	G. Choudhary (pers. comm., 2009) Sarkar and Guru (2010) Milisenda and Henn (2006) Sarkar and Guru (2010)
Sodalite Afghanistan Badakhshan	Kondo and Beaton (2009)
Bolivia Cochabamba—Independencia: Cerro Sapo	Hyršl and Petrov (1999), Petrov (2009)
Myanmar Mandalay—Mogok	Hlaing (2009a), Kondo and Beaton (2009)
Sphene (titanite) Afghanistan Badakhshan—Kokcha Valley: Fargon Meeru	Quinn and Laurs (2006a), D. Blauwet (pers. comm., 2009)
Brazil Minas Gerais—Capelinha	J. Hyršl (pers. comm., 2009)
India Tamil Nadu—Karur, Kunjampalayam	G. Choudhary and J. Panjikar (pers. comm., 2009)
Madagascar Antsiranana—Ankarafa, Daraina	Laurs (2000), Pezzotta (2001d), F. Danet (pers. comm., 2009)
Pakistan Federally Administered Tribal Areas—Khyber Agency, Mohmand Agency: Mullah Ghani Baba	Laurs and Quinn (2006b), D. Blauwet (pers. comm., 2009)
Russia Middle Ural Mountains—Perm: Saranovskoye	Burlakov and Avdonin (2006)
Sri Lanka Central—Elahera Southern—Akuressa, Galle, Kataragama	G. Zoysa (pers. comm., 2009)
Spodumene—kunzite/hiddenite Afghanistan Kunar Nuristan—Khauraz, Mawi, Nilaw-Kolum, Wadigram	Glas (2002) Laurs and Quinn (2002b), Chadwick et al. (2007)

Brazil		
Minas Gerais—Galiléia: <i>Urucum</i>	J. Hyršl (pers. comm., 2009)	
Madagascar	Henn and Milisenda (2001), F. Danet (pers. comm., 2009) Danet (2007) Pezzotta (2001f,g,h)	
Antananarivo—Anjanabonoina, Antisirabe, Betafo, Mount Bity Fianarantsoa—Ambatovita, Ambositra, Ilakaka, Voandambo		
Mozambique		
Zambézia—Gilé: <i>Muhano</i> ; Murrua	J. Marques (pers. comm., 2009)	
Nigeria		
Kaduna	Michelou (2006,2007)	
Oyo—Komu	Laurs (2001e)	
Niger—Pandogari		
Sri Lanka		
Southern—Kataragama	G. Zoysa (pers. comm., 2009)	
United States		
North Carolina—Mitchell: <i>Hiddenite</i>	White (2010) Brown and Wilson (2001), Laurs et al. (2003), Wise (2009)	
California—San Diego-Pala: <i>Elizabeth R, Pala Chief, Stewart</i>	Laurs (2001f), Fisher (2002,2008), Evans (2008)	
Taaffeite		
Myanmar	Schmetzer et al. (2000)	
Sri Lanka	Schmetzer et al. (2000,2005a,b, 2006)	
Tanzania		
Ruvuma—Tunduru	Schmetzer et al. (2007)	
Turquoise		
Brazil		
Pará—Itacupim	da Costa et al. (2004)	
China		
Anhui—Hefei, Maanshan Hubei—Yunyang, Zhushan Shaanxi—Baihe	Liu (1999), Henn and Quintens (2001), Smith et al. (2005), B. Ottens and X. Yuan (pers. comm., 2009) Yang et al. (2003), Michelou (2006) Liu (1999), Yan et al. (2000) Yan et al. (2000)	
Iran		
Kerman—Bardsir Khorasan—Neyshabur: <i>Maaden</i>	Douman and Fritz (2008) Gübelin (1999), Meister (1999), Michelou (2006) Zarasvandi et al. (2005), Taghipour and Noorbehesht (2007)	
Yazd—Ali-Abad, Darreh-Zeresh		
Mexico	Lieber (1999)	

Sonora—Cananea, Nacozari	Fritz et al. (2007b)
United States Arizona—Pima-Tucson: <i>Turquoise Mountain</i>	Lieber (1999) Williams (2000)
Zircon Australia New South Wales—New England Range Queensland—Rubyvale-Anakie	L. Sutherland (pers. comm., 2009)
Cambodia Pailin—Pailin Ratanakiri—Bong Long	Pardieu (2009) Smith and Balmer (2009)
China Fujian—Mingxi Hainan—Penglai	Liu (2004), Ou-Yang (2005)
Germany Bavaria—Fichtelgebirge Saxony—Erzgebirge: Seufzergründel; Vogtland	Meier and Weiss (2007) Tietz (2003), Tietz and Büchner (2007), Seifert et al. (2008), Modaleck et al. (2009)
India Assam—Cherrapunji Orissa—Balangir, Kalahandi, Sambalpur Tamil Nadu—Kangayam, Kanniyakumari, Karur, Ramanathapuram, Tiruchchirappalli, Tirunelveli	J. Panjikar (pers. comm., 2009) Sarkar and Guru (2010)
Madagascar Antananarivo—Antanifotsy Fianarantsoa—Iläkaka Toliara—Amboasary, Betroka	Henn and Milisenda (2001), F. Danet (pers. comm., 2009) Pezzotta (2001f,g,h)
Myanmar Mandalay—Mogok, Thabeikkyin	P. Hlaing (pers. comm., 2009)
Nigeria Bauchi Kaduna Plateau Taraba	Siyanbola et al. (2005), Michelou (2006)
Russia Far East—Primorsky; Kedrovka River, Krasnoarmeisky, Nezametnoye Southern Ural Mountains—Kyshtym: Potaniny Mountains Yakutia (Sakha Republic)—Udachnyy: <i>Udachnaya</i>	P. Lyckberg (pers. comm., 2009) Khanchuk et al. (2002), Nечаев et al. (2009)
Solomon Islands Malaita	Thirangoon (2010)

Sri Lanka	G. Zoysa (pers. comm., 2009)
Central—Elahera	
Sabaragamuwa—Balangoda, Embilipitiya, Ratnapura	
Southern—Deniyaya, Kataragama, Morawaka	
Tanzania	W. Balmer, D. Mantheakis, S. Merisheki, and M. Saul (pers. comm., 2009)
Kilimanjaro—Same	
Singida—Kipuma, Kisiriri	
Tanga—Kalalani, Korogwe, Mwakijembe, Umba Mountains	Henn (2009a)
Vietnam	Pham et al. (2004a)
Nghe An—Qui Chau	
Yen Bai—Luc Yen	