

**Gems & Gemology data depository: Expanded localities for cultured pearls, natural pearls, and calcareous concretions.<sup>a</sup>**

Country / Area / Body of water	Mollusk	Predominant pearl color	Reference
<b>Cultured and Natural Pearls</b>			
<b>Australia</b>			
New South Wales	<i>Pinctada maxima</i> (White-lipped oyster, gold-lipped oyster)	White, "cream," "silver," "golden"	Muller (1999), A. Muller (pers. comm., 2000)
Northern Territory—Darwin	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	N. Paspaley (pers. comm., 2000)
Queensland—Cairns	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	Doublet (1991)
Queensland—Cooktown	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	N. Paspaley (pers. comm., 2000)
Queensland—Thursday Island	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	A. Muller (pers. comm., 2000)
Torres Strait	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	N. Paspaley (pers. comm., 2000)
Western Australia—Broome	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	Muller (1999)
Western Australia—Burrup Peninsula	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	Sheung (1999)
Western Australia—Cygnet Bay, Deep Water Point, Talbot Bay, Willie Creek	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	A. Muller (pers. comm., 2000)
Western Australia—Exmouth Gulf, King Sound, Kuri Bay, Montebello Island, Pender Bay, Roebuck Bay	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	N. Paspaley (pers. comm., 2000)
Western Australia—Shark Bay	<i>Pinctada albino</i> (Arafura pearl oyster)	White	A. Muller (pers. comm., 2000)
<b>Canada</b>			
British Columbia—Baumfield Marine Station, Burnaby	Abalone: <i>Haliotis kamtschakana</i> (Pinto abalone)	Green to blue, purple, red	Shirai (1994), Fankboner (1995), Wentzell (1998), Koethe and Bell (1999)
<b>China—Freshwater</b>			
Anhui, Jiangxi, Hubei	<i>Cristaria plicata</i> (River shell, wrinkle shell), <i>Hyriopsis cumingi</i> (Triangle shell)	White, "cream", yellow, orange, pink, purple, green	Pearl production in China... (1997), A. Muller (pers. comm., 2000), Tao (2000)
Guangdong—Chenghai, Nan Ao, Shantou	<i>Hyriopsis cumingi</i>	White, "cream", yellow, orange, pink, purple, green	Prices stable after years... (1998), A. Muller (pers. comm., 2000)
Guangxi	<i>Hyriopsis cumingi</i> , <i>Hyriopsis schlegi</i>	White, "cream", yellow, orange, pink, purple, green	Peach (1999), A. Muller (pers. comm., 2000), Scarratt et al. (2000)
Jiangsu—Changzhou	<i>Hyriopsis cumingi</i>	White, "cream", yellow, orange, pink, purple, green	Prices stable after years... (1998), A. Muller (pers. comm., 2000)
Jiangsu—Lake Taihu and nearby ponds	<i>Hyriopsis cumingi</i>	White, "cream", yellow, orange, pink, purple, green	Sin (1993), Sheung (1999)
Zhejiang—Shaoxing, Zhuji	<i>Hyriopsis cumingi</i> , <i>Hyriopsis schlegi</i> (Biwa pearly mussel)	White, "cream", yellow, orange, pink, purple, green	Sheung (1999)
<b>China—Saltwater</b>			
Guangdong—Chenghai	<i>Pinctada fucata</i> (Chinese Akoya oyster)	White, "cream," yellow, pink, blue	Chinese Akoya industry... (1999)
Guangdong—Hainan Island	<i>Pinctada fucata</i>	White, "cream," yellow, pink, blue	Tao (2000)
Guangxi—Beihai	<i>Pinctada fucata</i>	White, "cream," yellow, pink, blue	Akamatsu (1999), Chinese Akoya industry... (1999)
Guangxi—Hepu	<i>Pinctada maxima</i>	White, "cream"	Tao (2000)
<b>Cook Islands<sup>b</sup></b>			
	<i>Pinctada maculata</i> (Maculated pearl oyster)	Black, gray, blue to green	Buscher (1999)
	<i>Pinctada margaritifera</i> , var. <i>cumingi</i> (Black-lipped oyster)	Black, gray, blue to green	Sims and Fassler (1994), Buscher (1999)
	<i>Pinctada maxima</i>	White, "cream," "silver," "golden"	Sims and Fassler (1994)
<b>French Polynesia</b>			
Anuanuraro	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	Federman (1995)
Gambier Islands—Mangareva	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	R. Wan (pers. comm., 1999)
Society Islands—Raiatea, Tahaa	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	A. Muller (pers. comm., 2000)
Tuamotu Archipelago—Ahe	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	Wan (1999)
Tuamotu Archipelago—Aratika	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	Goebel and Dirlam (1989), M. Coeroli (pers. comm., 2000)
Tuamotu Archipelago—Apataki, Arutua, Faaite, Fakarawa, Kauehi, Makemo, Nego Nego, Rangiroa	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	A. Muller (pers. comm., 2000)
Tuamotu Archipelago—Hikueru, Takapoto, Takaroa, Takume	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	R. Wan (pers. comm., 1999)
Tuamotu Archipelago—Kaukura, South Marutea	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	M. Coeroli (pers. comm., 2000)
Tuamotu Archipelago—Manihia	<i>Pinctada margaritifera</i> , var. <i>cumingi</i>	Black, gray, brown, blue to green, purple, yellowish green	S. Assael (pers. comm., 2000), C. Rosenthal (pers. comm., 2000)
<b>Indonesia</b>			
Flores	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)
Irian Jaya—Sorong, Wageo	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)
Maluku—Aru, Ceram	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	Johnson and Koivula (1997d)
Maluku—Bacan, Dobo, Halmahera, Tanimbar, Tual	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)

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Nusa Tenggara Barat—Gili Air	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)
Sulawesi—Banggai, Togjan	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)
Sumatra—Lampung	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)
Sumbawa	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)
Timor—Kupang	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	A. Muller (pers. comm., 2000)
Japan—Freshwater			
Lake Biwa	<i>Hyriopsis schlegeli</i>	White, "cream," pink, "silver", brown, orange, gray, blue	Shirai (1994)
Lake Kasumiga	<i>Hyriopsis cumingi</i> – <i>Hyriopsis schlegeli</i> hybrid	White, "cream," lavender, pink	C. Gregory (pers. comm., 2000)
Japan—Saltwater			
(Area not specified)	Abalone: <i>Haliotis</i>	Blue-green, red	Cropp (1997)
Ehime—Uwajima	<i>Pinctada fucata martensii</i>	White, "cream," yellow, gray, blue	A. Muller (pers. comm., 2000)
Kagoshima; Kumamoto	<i>Pinctada fucata martensii</i>	White, "cream," yellow, gray, blue	S. Akamatsu (pers. comm., 1999)
Mie—Ago, Kashikojima, Toba	<i>Pinctada fucata martensii</i>	White, "cream," yellow, gray, blue	A. Muller (pers. comm., 2000)
Mie—Ise	<i>Pinctada fucata martensii</i>	White, "cream," yellow, gray, blue	Akamatsu (1999)
Nagasaki—Goto Shisushima	<i>Pinctada fucata martensii</i>	White, "cream," yellow, gray, blue	Akamatsu (1999), A. Muller (pers. comm., 2000)
Nansei Shoto—Amamioshima, Ishigakishima, Okinawa	<i>Pinctada margaritifera</i>	Black, gray, brown, blue to green, purple, yellowish green, white	A. Muller (pers. comm., 2000)
Nansei Shoto—Amamioshima	<i>Pinctada maxima</i>	White, "cream," "golden," "silver"	A. Muller (pers. comm., 2000)
Mexico			
Baja California	<i>Pteria sterna</i> (Western winged pearl oyster)	Black, gray, "silver," blue to green	Hurwit (2000)
Baja California—La Paz <sup>b</sup>	<i>Pinctada mazatlanica</i> (Panamanian pearl oyster)	Black, gray, "silver," blue to green	Crowningshield (1991), Cariño and Monteforte (1995)
Guyamas	<i>Pinctada mazatlanica</i>	Black, gray, "silver," blue to green	M. Goebel (pers. comm., 2000)
Myanmar	<i>Pinctada maxima</i>	"Golden," white, "cream," "silver"	Tun (1999), Themelis (2000)
New Zealand			
Stewart Island	Abalone: <i>Haliotis iris</i> (Paua, iris, or rainbow abalone)	Green to blue, purple, red	Wentzell (1998), McKenzie (1999)
North America			
Pacific Coast	Abalone: <i>Haliotis rufescens</i> (Red abalone), <i>H. fulgens</i> (Green abalone)	Green to blue, purple, red	Hurwit (1993, 1994), Fankboner (1995), Koelke and Bell (1999)
Philippines			
Mindanao—Davao, Zamboanga	<i>Pinctada maxima</i>	"Golden," white, "cream"	Shirai (1994)
Palawan; Surigao Strait	<i>Pinctada maxima</i>	"Golden," white, "cream"	D. Fiske (pers. comm., 1999)
Visayan Islands—Bohol, Cebu, Panay	<i>Pinctada maxima</i>	"Golden," white, "cream"	Doumenge (1991), Muller (1999)
South Africa	Abalone: <i>Haliotis</i>	Green to blue, purple, red	Fankboner (1995)
United States—Freshwater			
Tennessee—Kentucky Lake, Tennessee River	<i>Megaloniais nervosa</i>	White, "gray," "silver," with "rose" or blue overtone	Latendresse (1999)
Texas: San Angelo	<i>Megaloniais nervosa</i>	White, "gray," "silver," with "rose" or blue overtone	Kane (1990)
United States—Saltwater			
Hawaii <sup>b</sup>	<i>Pinctada margaritifera</i>	Black, gray, "silver," blue to green	Walther (1997)
Vietnam—Freshwater			
Ho Tay	<i>Cristaria plicata</i>	White, "cream," pink	Bosshart (1993)
Vietnam—Saltwater	<i>Pinctada fucata</i>	White, "cream," yellow, pink	Vietnam produces Akoya (1999)
<b>Calcareous Concretions</b>			
Bahamas	<i>Strombus gigas</i> (Conch "pearl")	Pink, yellow, brown, white	Fritsch and Misorowski (1987)
Bermuda	<i>Strombus gigas</i>	Pink, yellow, brown, white	Fritsch and Misorowski (1987)
China			
South China Sea	<i>Melo melo</i> (Melo "pearl" or Indian volute)	"Tan," brown, orange, pink	Shirai (1994), Content (1999), K. Scarratt (pers. comm., 2000)
Cuba	<i>Strombus gigas</i>	Pink, yellow, brown, white	Fritsch and Misorowski (1987)
India	<i>Melo melo</i>	"Tan," brown, orange, pink	Shirai (1994)
Indonesia	<i>Melo melo</i>	"Tan," brown, orange, pink	Shirai (1994), Content (1999), K. Scarratt (pers. comm., 2000)
Malaysia	<i>Melo melo</i>	"Tan," brown, orange, pink	Shirai (1994), Content (1999), K. Scarratt (pers. comm., 2000)
Myanmar	<i>Melo melo</i>	"Tan," brown, orange, pink	Content (1999), K. Scarratt (pers. comm., 2000)
United States	<i>Strombus gigas</i>	Pink, yellow, brown, white	Shirai (1994)
Vietnam			
Halong Bay <sup>b</sup>	<i>Melo melo</i>	"Tan," brown, orange, pink	Jobbins (1992), Scarratt (1992), Content (1999)

<sup>a</sup>This table provides additional information that is not found in table 3 (pp. 326–327) of the Shigley et al. article "Gem Localities of the 1990s," published in the Winter 2000 issue of *Gems & Gemology*.

<sup>b</sup>Indicates areas that reemerged in the 1990s after declining earlier in the 20th century due to overharvesting and environmental degradation.

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