

CHARLES ALBERT

01 • Ammonite



Ammonites are related to squid, octopus, cuttlefish, and chambered nautilus. They existed from the early Jurassic to the late Cretaceous periods and became extinct around the same time as dinosaurs.

Source: Madagascar, Morocco, Peru, Mexico

Properties: Ammonites are considered protective stones that give stability and structure to a person's life. They are said to change negativity into smoothly flowing energy and assist with childbirth, depression, and general survival instincts.

02 • Trilobite



Trilobites are hard-shelled, segmented creatures that existed over 500 million years ago. Trilobites were among the first arthropods and some of the most successful of all early animals, roaming the oceans for over 270 million years. They disappeared in a mass extinction about 250 million years ago.

Source: USA (Utah)

Properties: The trilobite can promote leadership and management skills as well as assist in the development of patience, strength and perseverance.

03 • Orthoceras



Ancestors of the modern-day squid, these fossils are dated back to the Silurian Age, over 400 million years ago. They could swim as well as crawl along the ocean floor. The name means "straight horn," referring to the characteristic long, straight, conical shell.

Source: Morocco

Properties: These fossils are believed to increase life span; reduce toxins, anxiety and stress; balance the emotions and make one more confident.

04 • Stromatolite



Stromatolites are rock-like buildups of microbial mats that form in shallow water. They date back to 3.5 billion years ago and include some of the most ancient records of life on Earth.

Source: USA (Utah)

Properties: Stromatolites are said to hold the energies of the earliest life on the planet. They bring stability, steadfast persistence, resilience and versatility.

05 • Fossilized Coral



The oldest fossil corals are from the Ordovician period, over 450 million years ago. Fossils have been found of both solitary and large coral colonies. Sometimes entire coral heads are completely preserved, and they appear just as they did millions of years ago.

Source: Indonesia

Properties: Fossil coral assists in understanding past influences and brings in a more positive approach to one's emotional outlook. It also creates a sense of stability, fluidity and balance.

06 • Amber



Although considered a gem, amber is a fossilized resin (not sap) that occurs in a variety of colors. It originated in dense forests between 10 and 100 million years ago. Inclusions such as minerals, plant materials and animals allow modern scientists to collect valuable information about extinct species.

Source: Mexico, Poland

Properties: Amber is a powerful chakra cleanser and healer that neutralizes negative energy. It provides decisiveness, strengthens memory and intellect and helps with emotional calming and centering.

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07 • Fossil Fish



Fish are the oldest known vertebrates. Many ancient fish were simple, jawless animals while others developed jaws and a bony outer layer for protection. Despite the abundance of fishes around the world, they are relatively rare as fossils as the fragile nature of a fish skeleton makes it a poor candidate for fossilization.

Source: Wyoming

Properties: Fossil fish are known to heighten and supplement one's accomplishments in the business realm and to help one be receptive of change.

08 • Fossil Dinosaur Bone



Dinosaurs are a group of extinct reptiles that first appeared about 225 million years ago and became extinct about 66 million years ago. Dinosaur fossils were first discovered in Western Europe during the 1820s and several hundred distinct species have since been classified. The fossilized bone is a result of the cellular structure being replaced with quartz and leaving the bone structure intact.

Source: Argentina

Properties: It helps with communication and is wonderful for calming anxiety and increasing memory.

09 • Fossil Sand Dollar/Sea Urchin



Sand dollars and sea urchins are marine animals that are part of the Echinoderm phylum. Their ancient predecessors began appearing throughout the world's oceans near the start of the Cambrian period, over 500 million years ago.

Source: Mexico, Indonesia

Properties: They are said to promote feelings of peace and calming as well as keep evil spirits away.

10 • Petrified Wood or Swamp Bog



Petrified wood is the result of a tree having turned complete to stone through a process in which all of the organic parts have been replaced with minerals. In general, wood takes less than 100 years to petrify. Wood, algae and swamp debris that were combined and petrified together form fossilized swamp bog.

Source: Australia

Properties: Petrified wood enhances one's connection with nature and ancient wisdom.

11 • Fossil Shark Tooth



A shark tooth begins its fossilization process when it is buried in sediment after being lost from a shark's mouth. Generally, it takes about 10,000 years for a tooth to become a true fossil. The color of the fossil is determined by the color of the sediment in which it is buried.

Source: USA (South Carolina)

Properties: Fossil shark teeth are thought to connect one with ancestors and promote strong bone growth.

12 • Pietersite



This stone was named after Sid Pieters, a prominent mineral dealer, when he was prospecting farmland in Namibia in 1962. This stone belongs to the tiger's eye family and its colors include blue, rusty red, gold and brown.

Source: Namibia, China

Properties: Pietersite sometimes called the Tempest Stone because of its connection to the storm element. It works well during meditation, supports willpower, and helps one to recognize truths.

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13 • Obsidian



Obsidian is a naturally occurring volcanic glass that forms when lava solidifies so quickly that there is not enough time for crystals to grow. Because of its lack of crystal structure, obsidian blade edges can be cut to an extreme thinness. Obsidian has thus used by many native cultures to make arrowheads and blades.

Source: Mexico

Properties: Obsidian helps to protect the very sensitive against depression. It blocks negativity of any kind.

13a • Mahogany Obsidian



The deep, reddish-brown coloring of mahogany obsidian is due to its high iron concentrations.

Source: Mexico

Properties: Mahogany obsidian has a gentle energy that a wearer can use for strength in times of need. It can give new life to purposes and goals.

13b • Snowflake Obsidian



Snowflake obsidian is a variety of obsidian with a recognizable splotched pattern. As obsidian changes to true rock over long periods of time, silica molecules rearrange themselves into snowflake-shaped crystal patterns in the black glass.

Source: Mexico

Properties: Snowflake obsidian is considered a good detoxification stone that brings purity and balance to the mind body and soul. It also promotes self-esteem and confidence.

13c • Green Obsidian



This translucent green variety of obsidian shares the same glass-like qualities as other types of obsidian.

Source: Mexico

Properties: Green obsidian can give a sense of lightness and freedom as it redirects the energy of those who constantly look to the wearer for help with their personal crises.

14 • Gold or Silver Sheen Obsidian



The sheen in these types of obsidian were formed when gas bubbles aligned along layers created as the lava flowed before cooling.

Source: Mexico

Properties: Gold sheen obsidian manifests that which brings great joy and fulfillment and helps to eliminate egotistical attitudes. Silver sheen obsidian clears and purifies energy fields.

15 • Rainbow Obsidian



Created in a similar manner as sheen obsidian, rainbow obsidian has iridescent sheens of gold, green, yellow, blue and purple.

Source: Mexico

Properties: Rainbow obsidian dissolves shock, fear and barriers to expand one's consciousness and sharpen the senses.

16 • Lapis Lazuli



The name is derived from the Latin *lapis* (meaning "stone") and the Arabic *azul* (meaning "blue"). It is a dark blue rock composed primarily of the mineral Lazurite and often has golden pyrite inclusions.

Source: Chile, Afghanistan

Properties: It is the "stone of total awareness" and provides protection and insomnia relief.

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17 • Mookite



Sometimes spelled mookaite, it is an Australian jasper that combines the colors of red and yellow jaspers. It is a fossiliferous sedimentary rock that, upon microscopic examination, is shown to contain the remains of tiny organisms known as radiolaria.

Source: Australia

Properties: It bestows strength while simultaneously promoting deep inner calm and a desire for adventure. It shields the wearer from difficult situations.

18 • Jasper



Jasper is an opaque, microcrystalline variety of quartz that is often used as a gemstone because it takes a high polish. It is occurs in various colors such as red, yellow, green and blue; it is usually stained by impurities.

Source: USA, Europe, Africa

Properties: Jaspers are powerful healing stones, affecting different chakras and attitudes according to the color of the stone.

19 • Zebra Jasper



Zebra jasper is a type of jasper identified by its dark, jagged stripes of brown or black on a background of white, gray or tan.

Source: USA

Properties: Zebra jasper is considered a grounding stone that keeps one centered with the earth. It is said to help with balancing energy and allowing one to see both sides of a situation.

20 • Leopard Jasper



This particular jasper is found in shades of light browns and grays with brown and cream spots that resemble an animal print.

Source: Mexico

Properties: Leopard jasper is believed to help the wearer find and achieve their goals. It helps one to be more responsible and helps with creative vision.

21 • Picture Jasper



Picture jasper is a petrified or silicated mud that dripped into gas pockets in molten lava. The presence of iron deposits creates patterns of greens, reds, creams, browns and grays.

Source: USA, Brazil

Properties: This stone is a strong gemstone for promoting environmental consciousness. It is associated with harmony and visualization.

22 • Dalmatian Jasper



Dalmatian jasper is an opaque, white to grayish-white stone that is spotted with brownish black and black spots, reminiscent of a Dalmatian.

Source: Mexico

Properties: This stone lessens or removes disillusionment and helps one see their weaknesses and strengths. It increases loyalty and is beneficial for long-term relationships.

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23 • Picasso Jasper



A metamorphic limestone, picasso jasper displays a variety of colors – brown, blue, white, yellow and black.

Source: USA

Properties: Picasso jasper attracts like-minded people who become loyal and trusted friends. It is a stone of intuition and artistic creativity.

24 • Fancy Jasper



Fancy jasper is a type of quartz colored by iron impurities. The different colors – from forest green to burgundy and gold – appear because of how the iron reacts to the stones.

Source: China

Properties: It is considered to give the wearer a sense of well-being and helps people to enjoy themselves.

25 • Red Creek Jasper



The colors in red creek jasper vary, with stones having shades of yellow, orange, green, blue, gray, red and brown. Often times these stones look like abstract landscapes streaked with darker lines.

Source: China

Properties: Like other jaspers, red creek jasper is a stone that protects the wearer from harm.

26 • Rainbow Jasper



As its name suggests, rainbow jasper is identifiable by its mixture of red, tan and brown colors. It is often available as a polished cabochon and is used in jewelry.

Source: USA

Properties: This stone is believed to ease stress and help one feel relaxed and secure.

27 • Howlite



Howlite was discovered in the 1800s near Windsor, Nova Scotia by Henry How, a Canadian chemist, geologist and mineralogist. The polished stones are white with fine gray or black web-like patterns.

Source: Canada

Properties: A calming stone, howlite can absorb anger and helps the wearer to overcome critical or selfish behavior. It is the stone of memory, knowledge and progress.

28 • Agate



Agates are varieties of chalcedony and most occur as nodules in volcanic rocks or in ancient lavas. Many agates are hollow and in the case that the innermost deposit is quartz, the cavity may be lined with crystals.

Source: Brazil

Properties: Agates are grounding stones that aid in emotional, physical and intellectual balance.

29 • Crazy Lace Agate



It is a beige, opaque stone with beautiful patterning throughout the stone. Pinks, reds and browns are commonly mixed within the beige background.

Source: Mexico

Properties: Crazy lace agate is a balancing and protecting stone that brings laughter and absorbs emotional pain. It is used to help keep the wearer focused.

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30 • Pyritized Agate



In this unusual variety of stone, pyrite (fool's gold) crystals are trapped in agate.

Source: Mexico

Properties: Pyritized agate combines the metaphysical properties of both pyrite and agate. As such, it enhances the wearer's communication abilities, as well as providing balance and strength.

31 • Blue Lace Agate



Blue lace agate is a cryptocrystalline quartz stone that is identified by its pale, sky blue concentric markings. The bands in the stone have been formed by rhythmic crystallization.

Source: Kenya, Namibia

Properties: This stone sharpens sight, illuminates the mind and assists in better communication.

32 • Fire Agate



Fire agate is a rare and expensive type of agate that contains inclusions of goethite or limonite, giving it an iridescent effect. Crab Fire Agate is commonly used stone that is a rusty orange color. It is heat-treated to give it a crackled appearance.

Source: Mexico

Properties: Agates are often associated with love, strength, courage, healing and protection.

33 • Botswana Agate



Botswana agate is banded with fine, parallel lines (often colored in purple, pink and white) on a gray background.

Source: Botswana

Properties: This stone has an anti-depressant quality and stimulates the exploration of the unknown.

34 • Unakite



First discovered in North Carolina, Unakite is a combination of feldspar, epidote and quartz. It comes in mottled shades of green and pink.

Source: USA (North Carolina)

Properties: This stone is said to lift the wearer's spirits and to help to see the beauty in life.

35 • Agate Druse



A druse (also spelled drusy and druzi) is formed when ground water carrying silica is forced into porous areas of rock. Rapid cooling often occurs, causing the formation of tiny crystals on the surface of the rock.

Source: Brazil

36 • Carnelian



Commonly used as a semi-precious gemstone, carnelian is a variety of chalcedony that is colored by impurities of iron oxide. Its color ranges from pale orange to almost black.

Source: Brazil

Properties: Carnelian aids in understanding the inner self and strengthens concentration. It balances creativity and organizational abilities.

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37 · Sodalite



Sodalite was discovered in Greenland in 1806. It is well known for its blue color, but may also be gray yellow, green or pink and often has white veins or patches. It is similar to lapis lazuli, but lacks the flecks of pyrite.

Source: Greenland, Canada, USA, Brazil

Properties: Sodalite brings inner peace and clears mental confusion. It enhances communication skills and, when used in groups, provides fellowship and solidarity.

38 · Tiger Eye/Tiger Iron



Tiger eye (a characteristic optical reflectance effect) is a member of the quartz group that is typically a golden to red-brown color. The chatoyance of the stone (the characteristic sheen effect) is caused by its fibrous structure; the reflected streak is always perpendicular to the direction of the fibers. Tiger iron is composed primarily of tiger eye, red jasper and black hematite.



Source: South Africa; South Africa, Australia

Properties: Tiger eye is a stone for the mind and is beneficial for health and spiritual wellbeing. Tiger is used to bring strength, vitality and confidence.

39 · Rhodochrosite



Rhodochrosite (meaning “rose-colored”) is formed when manganese (which causes the pink color) is dissolved by ground water and combines with a carbonate material and then drips off the ceiling of caves and crevices underground.

Source: Argentina

Properties: Rhodochrosite draws love to the wearer. It is believed to resolve inner conflicts and thus help in the development in inner freedom.

40 · Ocean Jasper



Ocean jasper is known for its spherical inclusions in a variety of colors – white, green, pink, black, red and blue. The orbs of color in this stone are caused when quartz and feldspar crystallize in radial aggregates of needle-shaped crystals.

Source: Madagascar

Properties: This stone brings relaxation and cooperation to the home or workplace. The circular patterns remind the wearer that nature is a cyclical pattern and that all are interconnected.

41 · Moonstone or Labradorite



Moonstone's name is derived from its characteristic sheen caused by light refracting and scattering in the stone's layer inclusion of different feldspars. The shimmering effect of labradorite occurs in much the same way as it does in moonstone. This effect depends on the thickness and orientation of the inner layers of the stone.



Source: Australia, Mexico; Brazil, USA

Properties: Moonstone brings good fortune, enhances intuition and promotes inspiration. It is said that giving a moonstone necklace when the moon is full will guarantee passion in one's relationship.

42 · Variscite



Variscite is a relatively rare phosphate mineral that was first described in 1837. It is sometimes mistaken for turquoise, but variscite is usually greener in color.

Source: USA

Properties: Variscite eases depression, fear, worry and anxiety and bring its wearer to a level of peace.

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43 • Turquoise



In nature, turquoise is mostly found in places where there is a high concentration of copper in the soil. The blue color is due to copper in the stone, the green is due to iron. Mined for eons (at least as early as 6000BC by early Egyptians), the name turquoise is derived from the French *turques* because it was first brought to Europe through Turkey from Persian mines.

Source: USA, China

Properties: Turquoise is beneficial for the entire body because it is a general healer for all illnesses. It enhances speech, friendship, communication and healing.

44 • Chrysocolla



Often confused with turquoise, chrysocolla is a copper-bearing mineral. Pure chrysocolla is too soft for use in jewelry, but is often found in quartz deposits, which makes it hard enough to polish.

Source: Peru

Properties: Chrysocolla is associated with peace and tranquility. It promotes level-headedness and patience. It can be used to decrease nervousness and irritability.

45 • Imperial Jasper



There are many varieties and each lot that comes into the United States has some different characteristics from previously imported materials. This jasper forms in nodules and usually has a soft, chalky white exterior. The colors are typically shades of pink, red and green,

Source: Mexico

Properties: Imperial jasper provides protection to reduce insecurities and fears.

46 • Jade



Jade is stronger than quartz so it was by many early civilizations for axes, knives and weapons. It later became a symbolic stone used in ornaments and other religious artifacts.

Source: Canada, China

Properties: Jade is the ancient symbol of love and virtue. It is used to attract good luck, friendship and loyalty. When worn as jewelry, jade is believed to provide protection on long journeys.

47 • Cinnabar



Cinnabar found in nature is a mercury-containing mineral that is bright scarlet to brick-red in color. Its historical uses include Chinese carved lacquer ware and as decoration in Mayan burial chambers. As mercury is toxic, today's cinnabar jewelry uses carved wood that is stained and covered with layers of lacquer.

Source: China

Properties: Cinnabar attracts abundance, enhances fertility and improves physical strength and flexibility.

48 • Aventurine



A form of cryptocrystalline quartz, aventurine contains inclusions of small crystals that reflect light and give it a range of colors: most commonly green, but also orange, brown, yellow, blue or gray. Its name derives from the Italian *a ventura*, which means "by chance."

Source: Brazil

Properties: Aventurine is said to be an all-purpose healer. It reduces stress, improves prosperity and calms a troubled spirit.

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49 • Malachite



Malachite is a green-banded mineral that often results from weathering of copper ores. It is one of the most ancient gemstones and was mined as far back as 4000BC in King Solomon's mines on the Red Sea.

Source: Zaire, Australia, USA

Properties: Malachite promotes inner peace and hope, provides protection and security. It is believed to warn its wearer of danger and break into pieces when danger is near.

50 • Chalcedony



Chalcedony is the name for a group of stones made of a microcrystalline or cryptocrystalline type of quartz (the stone's crystals are too small to be seen without high magnification). Early fabricated weapons and tools were made from chalcedony, as were containers such as cups and bowls.

Source: Argentina, Australia

Properties: Thought to increase stamina and vitality, chalcedony is also a symbol of love and desire for a loved one's safe travel.

51 • Calcite



Calcite is a common component of sedimentary rocks, particularly limestone, much of which is comprised of the shells of dead marine organisms. It is found in caverns and may also be found in volcanic rocks.

Source: Brazil, USA

Properties: Calcite increases and amplifies energy. It is said to increase prosperity and promote creativity and imagination.

52 • Seraphinite



Seraphinite is a dark green stone whose name is derived from the Latin word *seraphin*, referring to the first order of angels. This is an allusion to the feathery inclusions of mica that give the stone its silver sheen.

Source: Russia

Properties: Seraphinite restores health and balance and encourages living from the heart.

53 • Bone



Carving bone for uses in jewelry, décor and art is a traditional practice worldwide – in Polynesian cultures and countries like Indonesia, India and the Philippines. Cattle bones are commonly used. The bones are first cleaned and bleached; artists then cut intricate designs into the harder outer layer and then polish the carvings. Over time, a bone carving absorbs oils from the wearer's skin and turn it to a light golden color.

Source: Indonesia, India

Properties: Jewelry made of bone is said to take on the essence of the wearer. The various designs carved into bone have their own specific meanings in different cultures.

54 • Metal: Mokume-Gane; Copper; Copper, Brass & Silver Mix; Silver Ore



Mokume-gane is a mixture of silver and copper plates that have been folded and molded together using heat. It was first used in 17th-century Japan only for sword fittings. Copper and its alloys have been used for thousands of years in jewelry, ornaments, cookware and weapons. Brass is an alloy of copper and zinc and is relatively resistant to tarnishing. Silver was first mined in modern-day Turkey around 4000BC. Throughout time, silver has been used in jewelry, silverware, film, medical applications and electronics.

Source: USA (Michigan), Mexico

Properties: Copper is an essential nutrient and, because it is a good conductor of electricity and heat, is said to conduct spiritual energy back and forth between individuals. Brass is said to attract money and prosperity and deflect negative energy. Sometimes called "the moon's metal," silver attracts love and protects the wearer against evil.

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55 • Rainbow Calsilica



Rainbow calsilica is a microcrystalline calcite that contains silica and is synthetically or naturally bonded with the clay mineral allophane. There is controversy surrounding the origins of this stone. Some say that was discovered in the veins of volcanic rhyolite in a mine in Mexico. Others believe that this stone was actually formed as a result of the runoff of mining or oil-drilling chemicals.

Source: Mexico

56 • Kyanite



Kyanite's name is derived from the Greek word *kyanos*, which means "deep blue." It is a blue silicate material that varies in hardness with direction. In one direction, the hardness is 4.5 on the Mohs scale and 7 in the other direction. It can be green, colorless and brown, but blue stones are used most commonly in gemstones.

Source: Brazil

Properties: This stone is known to bring tranquility and calm as well as enhance and support meditation.

57 • Aztec Lapis



More or less an unknown stone, Aztec lapis is actually a jasper that is termed "lapis" for its blue color. It ranges from light to dark blue with brown and white metal inclusions. Most resemble an aerial view of the ocean and coastline.

Source: Mexico

58 • Serpentine or Serpentine with Magnetite



Serpentine is light to dark green stone and most are opaque to translucent. Its inclusions give the stone an appearance similar to that of snake skin. All are microcrystalline and are never found as single crystals. Many are found mixed with other minerals, such as calcite. As its name suggests, magnetite is the most magnetic of all naturally occurring minerals. It occurs in many sedimentary rocks and in almost all igneous and metamorphic rocks.

Source: China, USA, South Africa

Properties: It relaxes one's overall nature as it can be used to clear clouded areas of all the Chakra.

59 • Septarian Nodule



Septarian nodules are concretions (types of sedimentary rock in which mineral cement filled in the spaces between the grains of sediment) that formed 50-70 million years ago. Decomposing sea life killed by volcanic eruptions was chemically attracted to the sediment around them, forming mud balls. The balls dried and cracked as the ocean receded. They shrank in size, creating the characteristic cracks within the stone. They are composed of calcite, aragonite and limestone.

Source: USA (Utah)

Properties: Septarian nodules combine the metaphysical properties of the minerals that combine to form it. Additionally, it is a good grounding stone and assists in communication.

60 • Rhyolite



Rhyolite is an igneous, volcanic rock that is similar to granite in composition, though rhyolite's crystals are much smaller. In North American prehistoric times, it was mined extensively. It is usually pale yellow-brown to pink in color.

Source: USA

Properties: Rhyolite helps the wearer move forward and be productive in their life. It is a stone used for meditation and it assists in resolving any on-going issues.

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61 · Azurite



Often found with malachite, turquoise or chrysocolla, azurite is a deep blue copper mineral that is created by the weathering of copper ore deposits. Azurite was once used as a blue pigment in paint and makeup and is often used in jewelry and decorative ornaments.

Source: Australia, Mexico, USA

Properties: Azurite enhances creativity, inspiration and intuition. It is a spiritual cleanser and controls energy flow.

62 · Onyx



Onyx is a cryptocrystalline chalcedony that is very popular as a carving stone and for use in jewelry. It is the alternate birthstone for February. It is typically black and has a fine texture, though it can have white bands or ribbons against a black or reddish-brown background, in which case it is known as sardonyx.

Source: Brazil, India

Properties: Onyx is believed to increase happiness and bring balance to the mind or body. It aids in changing bad habits. Enhance the properties of onyx by combining it with pearls or diamonds.

63 · Red or Black Sardonyx



Sardonyx is a banded form of onyx that has alternating layers of onyx and sard (a stone similar to carnelian). Sardonyx was very popular in ancient times because it was relatively inexpensive and widely available. Along with peridot, it is the birthstone for August.

Source: Brazil, India

Properties: Sardonyx can bring lasting happiness and stability to marriage and partnerships. It is a stone of protection and strength. During the Renaissance, sardonyx was favored by public speakers and orators who believed the stone to bring eloquence upon the wearer.

64 · Lab-Created Gemstone



Synthetic versions of many popular natural gemstones are often created in laboratories using a variety of methods. They share their natural counterpart's physical structure, chemical composition and optical properties, but are available at a much lower price.

Source: USA, China

65 · Star Diopside



The name "diopside" comes from the Greek word *di* (meaning "two") and *opsis* (meaning "vision"). Star diopside is a variant of diopside that has rutilated needles that align so that the stone appears to have a star floating across the top. Black star diopsides are sometimes confused with black star sapphires; star diopsides have a 4-rayed star, star sapphires exhibit six (occasionally twelve) rays.

Source: India

Properties: Star diopside is known as a 'crying stone' because it heals trauma and bring necessary tears. Additionally, it alleviates aggression and brings creativity to the wearer.

66 · Tiffany Stone



Tiffany stone is a rare opaque gemstone that is purple, lavender and white, sometimes with mauve patches. It is formed from water circulating underground, eventually penetrating nearby volcanic tuff layers and precipitating out as fluorite-rich siliceous nodules. These nodules are primarily quartz, chalcedony, agate and opal.

Source: USA (Utah)

Properties: A tiffany stone brings business success and helps with communication and emotional strength.

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67 · Larimar



Larimar is a rare form of pectolite that was first discovered in the Dominican Republic in 1916 (but the request to mine the stone was denied) and then re-discovered in 1974 by Miguel Mendez and Peace Corps volunteer Norman Rilling. Mendez named the stone after his daughter Larissa and the Spanish word for sea (*mar*). It varies from white, light blue, green-blue to deep blue; quality grading is based on the stone's coloration. The stone is photosensitive and can fade with time if exposed to too much heat and light.

Source: Dominican Republic

Properties: Larimar is said to represent peace, clarity, healing and love. It calms stress and anxiety.

68 · Cubic Zirconia (CZ), Mercury Mist CZ, Moonglow Orange or Treated CZ



Cubic zirconia is a form of zirconium oxide that has a close visual likeness to a diamond, but is created in a laboratory and is therefore not a mineral. Mercury mist is produced by applying a thin, colored coating to a CZ, the same technique that is used to make mystic fire topaz.

Source: USA

69 · Wonderstone



Wonderstone is a volcanic rock composed primarily of volcanic glass and ash particles that have been stuck together by heat and compacted by the weight of overlying material. The colorful banding is produced by circulating groundwater. The maroon and yellow-brown color is due to the presence of iron oxides. It is often confused with picture jasper.

Source: USA (Utah)

Properties: Wonderstones protect against chaotic energy and are good for general healing.

70 · Charoite



Charoite was discovered in 1978 and its name is derived from the Chary River that is near where it was found. The colors range from violet and lilac, to bright lavender to dark purple with swirling, feathered patterns. It is often confused with sugilite, but charoite has light-colored inclusions.

Source: Russia

Properties: It is said to be the "stone of the spirit" and it changes loneliness to love and warms the heart. It enhances self-esteem and gives the wearer a feeling of security.

71 · Sugilite



Sugilite (pronounced with a hard "g" as in "geese") was named for Ken-ichi Sugi, the Japanese geologist who discovered the stone in the 1940s. It ranges in color from dark purple to pale lavender and even sometimes appears as a violet blue.

Source: Japan, India, Canada

Properties: It is sometimes known as "the healer's stone" because of its great ability to enhance healing. It provides a barrier from all negativity, both physical and non-physical.

72 · Opal



Unlike most other gemstones, opal is a form of silica and is therefore noncrystalline. Roughly 6-10% of the total weight is water; this is why too much heat can cause opal to lose its luster. Its iridescence is due to the way the arrangement of the silica spheres within the stone diffracts light.

Source: Australia, USA

Properties: Opal is considered to provide good luck to the wearer. It enhances the memory and helps one to release inhibitions.

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73 • Beach or River Stone



Both beach stones and rivers stones are tumbled and smoothed naturally by the water in which they are found. They vary in color, from pale white to dark gray and black, and are popular in jewelry design.

Source: Bahamas

74 • Staurolite (Fairy Cross)



Also known as fairy cross or fairy stone, staurolite's name is derived from the Greek *stauros* (meaning "cross") and *lithos* (meaning "stone"). Staurolite crystals often grown together as two crystals that seem to pass through each other, resembling a cross. The crystals can grow at 90° angles or 60° angles.

Source: USA, Russia

Properties: Staurolite is used by healers to counter the effects of aging and as an aid to stabilize emotions and discard destructive habits.

75 • Moldavite, Tektite or Meteorite



Moldavite is a type of tektite that is prized for its clarity and green color. Tektites are natural glass rocks that are thought to have formed when a meteor collided with Earth nearly 15 million years ago. They are usually a translucent black or olive-green and are irregularly shaped. Campo del Cielo refers to a group of iron meteorites in a crater that is estimated to be 4000-5000 years old. Iron meteorites are dense, nickel-iron alloys that were one of the earliest sources of usable iron available.

Source: Tektite & Moldavite: Czech Republic; Meteorite: Argentina (Campo del Cielo)

Properties: Tektites (moldavites included) accelerate one's inner growth and evolution. Some believe that, since meteorites originated in space, they are in tune with the energies of the cosmos and can raise our energies to a universal level.

76 • Pyrite or Apache Gold



Pyrite, also known as fool's gold, is an iron sulfide with a metallic luster. It is often used in jewelry and decorative ornaments, but has also used as a semiconductor material, a mineral detector and as a source of ignition in early firearms.

Source: USA, South Africa

Properties: Pyrite increases physical stamina and stimulates the mind. It removes negative energy to help its wearer to concentrate.

77 • Zebra Granite or Granite



Granite is a common igneous rock that forms from melted or molten magma and is mainly composed of quartz, feldspar, mica and hornblende. Zebra granite is recognized by its black and white streaked pattern.

Source: USA

78 • Shell or Mother-of-Pearl



A seashell is the protective outer layer created by a marine organism. The soft-bodied inhabitants secrete calcium carbonate that accumulates as the animal grows. Shells have been used as currency, tools and musical instruments as well as for rituals and in arts and crafts. Mother of pearl is the iridescent inner layer (nacre) of some shells. If an irritant (such as sand or a parasite) gets inside of the shell, the organism defends its soft tissues by layering the nacre over this debris; this is how pearls are formed.

Source: Philippines, China

Properties: Seashells enable the wearer to gain clarity and insight. Mother of pearl is used for those in need of loving care and is associated with wealth and protection.

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79 • Pearl

A pearl is formed when nacre of a shell-dwelling organism continually covers unwanted debris or parasites in layers and retains it within the mantle tissues. This process can take up to seven or eight years. The most valuable pearls occur naturally in the wild, but are also very rare; the majority of pearls on the market are cultured.



Source: Japan, China

Properties: Pearls are a symbol of purity, innocence and faith. They enhance integrity and clear a channel for spiritual guidance and wisdom.



80 • Mabe Blister Pearl

A blister pearl is formed in the same manner as a regular pearl, but instead remains attached to the interior of the shell.

Source: Japan, China



81 • Coral

Though coral appears to be a single organism, it is actually a colony of identical polyps and each polyp is only a few millimeters in diameter. Over time, reef-building coral colonies secrete and build up a hard, stone-like skeleton, the colors of which (red, pink, white, yellow, orange or black) vary by species. Dead coral has been used as decorative ornaments for thousands of years and is sometimes harvested for calcium supplements and construction. Currently, there are conservation policies worldwide to monitor and regulate the harvesting of coral.

Source: China, Japan

Properties: Coral gives strength and encourages willingness to meet new challenges. It symbolizes joy and happiness.



82 • Abalone Shell

Abalone is an edible marine shellfish that, unlike clams or oysters that have two symmetrical shells, only has one shell. The small holes in the side of the shell support the soft-bodied animal's respiration as it inches along rocks in search of food. The iridescent inner layer of the shell is frequently used in jewelry and as decorative inlay.

Source: Japan

Properties: Abalone assists the wearer in handling and calming emotional situations.



83 • Fluorite

Fluorite belongs to the spar family and, like other members of that family, it can be separated into flakes. It is known for its glassy luster and rich variety of colors that includes purple, blue, green, yellow, colorless, brown, pink, black and reddish orange.

Source: USA

Properties: Fluorite grounds excessive emotional and nervous energy. It also cleanses the wearer's aura.



84 • Bi-Color Quartz

Bi-color quartz is either a combination of two different types of quartz or a combination of quartz and a gemstone. Common examples include smoky quartz/clear quartz, smoky quartz/citrine, clear quartz/citrine and clear quartz/amethyst. Ametrine (amethyst/citrine) has a similar appearance.

Source: Brazil

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85 · Smokey Quartz



Sometimes spelled smoky quartz, it is a brown to black variety. Natural smoky quartz is often found in granitic rocks around the world. It is popular as an ornamental stone and is sometimes carved into figurines and statues.

Source: Brazil

Properties: Smokey quartz is excellent at removing negative energy and transforming it into positive energy. It elevates moods

86 · Rose Quartz



Rose quartz is a pale pink to a rose red color. The color is caused by trace amounts of iron, titanium or manganese in the stone. While popular in jewelry, it is also often carved into figures.

Source: Brazil, USA

Properties: Rose quartz is a stone of unconditional love and peace.

87 · Rutilated Quartz or Tourmalinated Quartz



Rutilated quartz is quartz that contains crystals of rutile, a major ore of titanium that is often used for high-tech alloys. These inclusions appear as thin red, golden or silver needles. Tourmalinated quartz is similar to rutilated quartz, but contains silver or black filaments of tourmaline.

Source: Brazil, Australia

Properties: Rutile is said to intensify the metaphysical properties of the quartz crystal in which it is found. It is said to slow down the aging process and is a strong healer. Tourmalinated quartz brings balance and inner strength.

88 · Quartz



Quartz is one of the most commonly found minerals on Earth. Crystals of pure quartz are generally six-sided and grow singularly or in groups. Sometimes found with other minerals within the stone (like rutilated quartz) or combined with other minerals (like various mixtures of bi-color quartz). Its name comes from the Greek *krystallos* (meaning "ice"), as it was once thought to be ice formed by the Gods.

Source: USA, Brazil

Properties: Quartz is a power stone and is considered the "universal crystal." Quartz crystals can raise energy to the highest possible level. They are important for healing, meditation and protection.

89 · Lodalite (Landscape Quartz)



Lodalite is full of inclusions of feldspar, chlorite and other minerals that can be green, cream, red, orange or grey. These inclusions give the appearance of a small, intricate landscape encased in the stone.

Source: Bolivia

Properties: It is often used in meditation and is said to bring energies of gentle strength to its wearer.

90 · Amethyst



Amethyst is crystalline quartz that is primarily found in shades of light violet to deep purple. Its purple color has kept it a favorite adornment among royalty for thousands of years. It can occur as single crystals, but also forms as clustered drusy crystals.

Source: Uruguay

Properties: Amethyst is a natural tranquilizer; it calms the wearer and blocks negative energy and stress.

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91 • Citrine



Citrine is a yellow variety of quartz that is often formed in large triangular crystals or in clusters, such as those found in geodes. It has the same chemical structure as rose quartz and amethyst. Amethyst, when heated, will become golden citrine.

Source: Brazil, Bolivia

Properties: In ancient times, citrine was used as protection against evil thoughts. It is believed to promote success and abundance in business.

92 • Peridot



Once more valuable than diamonds, peridot is one of the few gems that exists in only one color. The characteristic green is due to faint traces of iron; the intensity of the color is due to the amount of the iron present.

Source: China, Brazil

Properties: Peridot contains friendly and joyful energy. It can increase patience and solidify friendships.

93 • Tourmaline



Tourmaline is available in a wide variety of colors: black, dark brown, yellow, blue, lime green, red, purple, pink, yellow and colorless. Some multicolored tourmalines may be green at one end and pink at the other or green on the outside and pink on the inside. Some are even dichroic and appear to change color when viewed at different angles.

Source: Brazil

Properties: This stone is said to enhance understanding and increase self-confidence. It relaxes both the mind and body by neutralizing negative energy.

94 • Blue Topaz or White Topaz



Topaz occurs in a range of different colors: brown, yellow, orange, red, blue and pink. Its name is derived from Sanskrit and means "fire." Although it is a very hard gemstone, it should be protected because a single, strong blow can split the stone, a trait it shares with the diamond.



Source:

Properties: Topaz is a balancing and calming stone that releases tension, balances emotions and brings great joy. It is used for protection from evil and greed; it can also bring good fortune.

95 • Garnet



While garnets are typically a deep red, they also come in purple, orange, yellow, green, black, brown or colorless. They may be given as a gem on the 2nd and 6th wedding anniversary and as the official birthstone for January.

Source: USA (Arizona), Brazil, India

Properties: A garnet is said to grant loyalty and affection when given as a gift. A stolen garnet is said to bring bad luck to the thief until it is returned to its owner.

96 • Ametrine



Ametrine is a naturally occurring variety of quartz that is a mixture of amethyst and citrine. The two different colors are due to differing oxidation states of the iron within the crystal.

Source: Bolivia

Properties: Ametrine combines the positive metaphysical properties of amethyst and citrine. Additionally, it stimulates the intellect and empowers the wearer to recognize the divinity within everyone.

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97 • Beach Glass



Beach glass, sometimes called sea glass, is found on beaches along rivers, oceans, bays and lakes. It is glass that has been tumbled and smoothed by the waves. The color of beach glass is determined by its original source. Purple, pink, and red are some of the most difficult to find.

Source: USA

98 • Dicroic Glass, Art Glass or Blown Glass



Dicroic glass is glass that contains multiple layers of metal oxides which gives it a multi-colored metallic appearance. Art glass is created by blending hundreds of individual pieces of stained glass into a kiln. By employing a variety of techniques, the molten glass is layered to form different patterns. Glassblowing is a forming technique that involves inflating molten glass into a bubble with a blow tube and takes years of practice to perfect.

Source: USA, Italy

99 • Fiber Optic Cable or Italian Lucite



Fiber optic cable is available in nearly every color. It is made from the same material used in modern telephone and data lines. Lucite is an acrylic resin that can be tinted to any color; some are even created or carved with intricate patterns and designs



Source: USA