

NATAL STONES

**SENTIMENTS AND SUPERSTITIONS
ASSOCIATED WITH PRECIOUS STONES**

By GEORGE FREDERICK KUNZ
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TWENTY-SECOND EDITION

TIFFANY & CO.

**DIAMOND, PEARL AND PRECIOUS
STONE MERCHANTS**

Fifth Avenue and 37th Street, New York

NATAL STONES—AMERICAN

Month	Stones	Where Found
Jan.	{ Garnet (Precious) Rhodolite	Montana, New Mexico, Arizona North Carolina
Feb.	Amethyst	North Carolina Georgia, Virginia
Mch.	Jasper Californite	California
April	Sapphire	Montana, Idaho
May	Tourmaline (Green) Chlorastrolite	California, Maine Lake Superior
June	Agate Moss Agate	California, Montana Wyoming, Arizona
July	Turquoise	New Mexico California, Arizona
Aug.	Golden Beryl	California, Connecticut North Carolina
Sept.	Kunzite	California
Oct.	Aquamarine	North Carolina Maine, California
Nov.	Topaz	Utah, California, Maine
Dec.	Ruby Rubellite	Montana California, Maine

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NATAL STONES

The Jewish superstitions relating to gems were probably derived from earlier races and adopted by the Arabian philosophers in their works, by which they became known throughout Europe. The influence of gems was believed in until early in the 17th century, and in regard to some gems up even to the present century.

The association of a special gem with each month was probably suggested by the original breastplate of the High Priest, which contained twelve gems, one for each of the tribes of Israel. The original breastplate was a span long and a span high: 1 span = 8 inches. The arrangement by months came in vogue during the 15th and 16th centuries, but was first suggested in the seventh century, although it is attributed to the Jews, Romans, and early Arabians.

AARON'S BREASTPLATE

3 Emerald	2 Peridot	1 Carnelian
6 Onyx	5 Lapis-lazuli	4 Ruby
9 Quartz	8 Agate	7 Sapphire
12 Jasper	11 Beryl	10 Topaz

NATAL STONES OF VARIOUS NATIONS
AND PERIODS

Month	Jews	Romans	635 A.D. Isidorus, Bishop of Seville	Arabians
Jan.	Garnet	Garnet	Hyacinth	Garnet
Feb.	Amethyst	Amethyst	Amethyst	Amethyst
Mch.	Jasper	Bloodstone	Jasper	Bloodstone
April	Sapphire	Sapphire	Sapphire	Sapphire
May	Chalcedony Carnelian Agate	Agate	Agate	Emerald
June	Emerald	Emerald	Emerald	Agate Chalcedony Pearl

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NATAL STONES OF VARIOUS NATIONS AND PERIODS

Month	Poles	Russians	Italians	18th to 20th Century
Jan.	Garnet	Garnet Hyacinth	Jacinth Garnet	Hyacinth Garnet
Feb.	Amethyst	Amethyst	Amethyst	Amethyst Hyacinth Pearl
Mch.	Bloodstone	Jasper	Jasper	Jasper Bloodstone
April	Diamond	Sapphire	Sapphire	Diamond Sapphire
May	Emerald	Emerald	Agate	Emerald Agate
June	Agate Chalcedony	Agate Chalcedony	Emerald	Cats-Eye Emerald Turquoise Agate

NATAL STONES OF VARIOUS NATIONS
AND PERIODS

Month	Jews	Romans	635 A.D. Isidorus, Bishop of Seville	Arabians
July	Onyx	Onyx	Onyx	Carnelian
Aug.	Carnelian	Carnelian	Carnelian	Sardonyx
Sept.	Chrysolite	Sardonyx	Chrysolite	Chrysolite
Oct.	Aquamarine Beryl	Aquamarine Beryl	Aquamarine Beryl	Aquamarine Beryl
Nov.	Topaz	Topaz	Topaz	Topaz
Dec.	Ruby	Ruby	Ruby	Ruby

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NATAL STONES OF VARIOUS NATIONS AND PERIODS

Month	Poles	Russians	Italians	18th to 20th Century
July	Ruby	Ruby Sardonyx	Onyx	Turquoise Onyx
Aug.	Sardonyx	Alexandrite	Carnelian	Sardonyx Carnelian Moonstone Topaz
Sept.	Sardonyx	Chrysolite	Chrysolite	Beryl Chrysolite
Oct.	Aquamarine Beryl	Beryl	Beryl	Aqua- marine Beryl Pearl
Nov.	Topaz	Topaz	Topaz	Topaz Pearl
Dec.	Turquoise	Turquoise Chrysoprase	Ruby	Ruby Bloodstone

SENTIMENTS ASSOCIATED WITH
STONES

<i>Agate</i>	Health, Wealth and Longevity.
<i>Alexandrite</i>	Undying Devotion.
<i>Amethyst</i>	Deep Love. Prevents Intoxication.
<i>Beryl</i>	Happiness and Everlasting Youth.
<i>Bloodstone</i>	Courage and Wisdom.
<i>Carnelian</i>	Prevents Misfortune.
<i>Cat's-eye</i>	Warns of Danger and Troubles.
<i>Chalcedony</i>	Disperses Melancholy.
<i>Chrysolite</i>	Gladdens the Heart.
<i>Chrysoprase</i> ...	Eloquence.
<i>Diamond</i>	Purity. Preserves Peace. Prevents Storms.
<i>Emerald</i>	Immortality. Conquers Sin and Trial.
<i>Garnet</i>	Insures Power, Grace and Victory to the Wearer.
<i>Hyacinth</i>	Gives Second Sight.
<i>Jacinth</i>	Modesty.
<i>Jade</i>	Good Fortune.
<i>Jasper</i>	Courage and Wisdom.
<i>Moonstone</i>	(Sacred Stone of the Orient.) Good Luck.
<i>Onyx</i>	Conjugal Felicity.
<i>Opal</i>	Hope, Innocence, Purity.
<i>Pearl</i>	Purity and Innocence.
<i>Ruby</i>	Charity, Dignity and Divine Power.
<i>Sapphire</i>	Constancy, Truth and Virtue.
<i>Sardonyx</i>	Conjugal Felicity. Prevents Misfortune.
<i>Topaz</i>	Friendship and Fidelity.
<i>Turquoise</i>	Prosperity. Soul-cheerer.

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SENTIMENTS OF THE MONTHS

JANUARY

Natal Stone.....Garnet.

Guardian Angel.....Gabriel.

His Talismanic Gem.....Onyx.

Special Apostle.....Simon Peter.

Zodiacal Sign.....Aquarius.

Flower.....Snowdrop.

No gems save garnets should be worn
By her who in this month is born;
They will insure her constancy,
True friendship and fidelity.

The gleaming garnet holds within its sway
Faith, constancy and truth to one alway.

FEBRUARY

Natal Stone.....Amethyst.

Guardian Angel.....Barchiel.

His Talismanic Gem.....Jasper.

Special Apostle.....Andrew.

Zodiacal Sign.....Pisces.

Flower.....Primrose.

The February-born may find
Sincerity and peace of mind,
Freedom from passion and from care,
If she an amethyst will wear.

Let her an amethyst but cherish well,
And strife and care can never with her dwell.

MARCH

Natal Stones.....Jasper, Bloodstone.

Guardian Angel.....Malchediel.

His Talismanic Gem.....Ruby.

Special Apostles.....James and John.

Zodiacal Sign.....Aries.

Flower.....Ipomoea, Violet.

Who on this world of ours her eyes
In March first opens may be wise,
In days of peril firm and brave,
Wears she a bloodstone to her grave.

Who wears a jasper, be life short or long,
Will meet all dangers, brave and wise and strong.

APRIL

Natal Stones.....Diamond, Sapphire.

Guardian Angel.....Ashmodei.

His Talismanic Gem.....Topaz.

Special Apostle.....Philip.

Zodiacal Sign.....Taurus.

Flower.....Daisy.

She who from April dates her years
Diamonds should wear, lest bitter tears
For vain repentance flow. This stone
Emblem of innocence is known.

Innocence, repentance—sun and shower—
The diamond or the sapphire is her dower.

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MAY

Natal Stone Emerald.

Guardian Angel Amriel.

His Talismanic Gem Carbuncle.

Special Apostle Bartholomew.

Zodiacal Sign Gemini.

Flower Hawthorn.

Who first beholds the light of day
In spring's sweet, flow'ry month of May,
And wears an emerald all her life,
Shall be a loved and happy wife.

No happier wife and mother in the land
Than she with emerald shining on her hand.

JUNE

Natal Stone Agate.

Guardian Angel Muriel.

His Talismanic Gem Emerald.

Special Apostle Thomas.

Zodiacal Sign Cancer.

Flower Honeysuckle.

Who comes with summer to this earth,
And owes to June her hour of birth,
With ring of agate on her hand
Can health, long life and wealth command.

Thro' the moss-agate's charm, the happy years
Ne'er see June's golden sunshine turn to tears.

JULY

Natal StoneTurquoise.
Guardian Angel.....Verchiel.

His Talismanic Gem.....Sapphire.
Special Apostle.....Matthew.
Zodiacal Sign.....Leo.
Flower.....Water-lily.

The heav'n-blue turquoise should adorn
All those who in July are born;
For thus they'll be exempt and free
From love's doubts and anxiety.

No other gem than turquoise on her breast
Can to the loving, doubting heart bring rest.

AUGUST

Natal StoneCarnelian.
Guardian Angel.....Hamatiel.

His Talismanic Gem.....Diamond.
Special Apostle { James, the son of
 { Alpheus.
Zodiacal Sign.....Virgo.
Flower.....Poppy.

Wear a carnelian or for thee
No conjugal felicity;
The August-born without this stone,
'Tis said, must live unloved, alone.

She, loving once and always, wears, if wise
Carnelian—and her home is paradise.

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SEPTEMBER

Natal Stone.....Chrysolite.
Guardian Angel.....Tsurriel.

His Talismanic Gem.....Jacinth.
Special Apostle.....Lebbeus Thaddeus.
Zodiacal Sign.....Libra.
Flower.....Morning-glory.

A maid born when September leaves
Are rustling in the autumn breeze,
A chrysolite on brow should bind——
'Twill cure diseases of the mind.

If chrysolite upon her brow is laid,
Follies and dark delusions flee afraid.

OCTOBER

Natal Stone.....Beryl.
Guardian Angel.....Bariel.

His Talismanic Gem.....Agate.
Special Apostle.....Simon. (Zelotes.)
Zodiacal Sign.....Scorpio.
Flower.....Hops.

October's child is born for woe,
And life's vicissitudes must know;
But lay a beryl on her breast,
And Hope will hush those woes to rest.

When fair October to her brings the beryl,
No longer need she fear misfortune's peril.

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NOVEMBER

<i>Natal Stone</i>	Topaz.
<i>Guardian Angel</i>	Adnachiel.
<i>His Talismanic Gem</i>	Amethyst.
<i>Special Apostle</i>	Matthias.
<i>Zodiacal Sign</i>	Sagittarius.
<i>Flower</i>	Chrysanthemum.

Who first comes to this world below
With drear November's fog and snow
Should prize the topaz' amber hue—
Emblem of friends and lovers true.

Firm friendship is November's, and she bears
True love beneath the topaz that she wears.

DECEMBER

<i>Natal Stone</i>	Ruby.
<i>Guardian Angel</i>	Humiel.
<i>His Talismanic Gem</i>	Beryl.
<i>Special Apostle</i>	Paul.
<i>Zodiacal Sign</i>	Capricornus.
<i>Flower</i>	Holly.

If cold December give you birth—
The month of snow and ice and mirth—
Place on your hand a ruby true;
Success will bless whate'er you do.

December gives her fortune, love and fame
If amulet of rubies bear her name.

ACROSTICS FORMED WITH STONES

In France and England, during the 18th century, rings, bracelets, brooches, etc., were often set with gems the first letters of which, combined, formed a motto or expressed a sentiment. The following is a list of those that may be used in this way. The gems in the first column are the more expensive ones, those in the second column the inexpensive ones.

FAITH

Fire-opal.	Feldspar.
Alexandrite.	Amethyst.
Iolite.	Idocrase.
Tourmaline.	Topaz.
Hyacinth.	Heliotrope.

HOPE

Hyacinth.	Hematite.
Opal.	Olivine.
Pearl.	Pyrope.
Emerald.	Essonite.

CHARITY

Cat's-eye.	Carbuncle.
Hyacinth.	Hematite.
Aquamarine.	Amethyst.
Ruby.	Rose quartz.
Iolite.	Idocrase.
Tourmaline.	Topaz.
Yellow sapphire.	Yu (Jade).

GOOD LUCK

Golden beryl.
Opal.
Olivine.
Diamond.

Lapis-lazuli.
Uralian emerald.
Cat's-eye.
Kyanite.

Garnet.
Onyx.
Obsidian.
Dendrite.

Labradorite.
Unio pearl.
Carnelian.
Krokydolite.

FOREVER

Fire-opal.
Opal.
Ruby.
Emerald.
Vermeille.
Essonite.
Rubellite.

Flèches d'amour.
Onyx.
Rutile.
Essonite.
Verd antique.
Epidote.
Rose quartz.

REGARD

Ruby.
Emerald.
Garnet.
Alexandrite.
Ruby.
Diamond.

Rubellite.
Essonite.
Garnet.
Amethyst.
Rock-crystal.
Demantoid.

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DEAREST

Diamond.
Emerald.
Alexandrite.
Ruby.
Essonite.
Sapphire.
Turquoise.

Demantoid.
Essonite.
Amethyst.
Rubellite.
Epidote.
Spinel.
Topaz.

SOUVENIR

Sapphire.
Opal.
Uralian emerald.
Vermeille.
Emerald.
Nephrite.
Iolite.
Ruby.

Sunstone.
Onyx.
Utahlite.
Verd antique.
Epidote.
Nephrite.
Indicolite.
Rock-crystal.

BONHEUR

Beryl.
Opal.
Nephrite.
Hyacinth.
Emerald.
Uralian emerald.
Ruby.

Bloodstone.
Onyx.
Nephrite.
Hematite.
Essonite.
Utahlite.
Rhodonite.

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AMITIE

Alexandrite.
Moonstone.
Indicolite.
Tourmaline.
Idocrase
Emerald.

Almandine.
Moonstone.
Indicolite.
Topaz
Idocrase.
Essonite.

LOVE ME

Lapis-lazuli.
Opal.
Vermeille.
Emerald.

Labrador spar.
Onyx.
Verd antique.
Essonite.

Moonstone.
Essonite.

Moonstone.
Epidote.

A E I

Greek, meaning "forever," "eternity."

Alexandrite.
Emerald.
Indicolite.

Almandine.
Essonite.
Idocrase.

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Z E S

Greek, meaning "Mayest thou live."

Zircon.
Emerald.
Sapphire.

Zonochlorite.
Essonite.
Sard.

MIZPAH

Moonstone.
Indicolite.
Zircon.
Peridot.
Asteria.
Hyacinth.

Moldavite.
Idocrase.
Zonochlorite.
Pyrope.
Aquamarine.
Hematite.

FRIENDSHIP

Flèches d'amour.
Ruby.
Indicolite.
Emerald.
Nephrite.
Diamond.
Sapphire.
Hyacinth.
Iolite.
Pearl.

Feldspar.
Rock crystal.
Idocrase.
Epidote.
Nicolo.
Diopside.
Sard.
Hematite.
Idocrase.
Pyrite.

STATE STONES

Precious, semi-precious or gem stones are found in nearly all the United States. The most important are enumerated below:

- Alabama*.....Beryl, blue and yellow; smoky quartz.
- Arizona*.....Agatized wood, azur-malachite, turquoise, garnet, peridot.
- Arkansas*.....Rock crystal, smoky quartz, agate, novaculite.
- California*.....Agate, benitoite, californite, diamond, gold quartz, tourmaline, abalone pearl, chrysoprase, kunzite.
- Colorado*.....Beryl, aquamarine, phenacite, garnet, amethyst, agate, gold quartz, pyrite.
- Connecticut*.....Beryl, yellow and green; rose quartz; tourmaline.
- Delaware*.....Pearl.
- Florida*.....Chalcedony, conch pearl.
- Georgia*.....Ruby, beryl, amethyst, gold quartz, garnet.
- Idaho*.....Opal, agate, obsidian.
- Illinois*.....Fluorite, pearl.
- Indian Territory*.Obsidian, pearl.
- Indiana*.....Pearl.
- Iowa*.....Fossil coral, pearl, chalcedony.
- Kansas*.....Chalcedony.
- Kentucky*.....Pearl

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- Louisiana*.....Chalcedony.
Maryland.....Beryl, clam-pearl.
Massachusetts...Beryl.
Maine.....Tourmaline, beryl, rose quartz,
 pearl, topaz, amazonite, smoky
 quartz, rock crystal.
Michigan.....Agate, hematite.
Minnesota.....Chlorastrolite, thomsonite,
 agate.
Mississippi.....Pearl, chalcedony.
Missouri.....Pearl, fluorite, pyrite.
Montana.....Sapphire, beryl, smoky quartz,
 agate, amethyst, agatized
 wood, obsidian.
Nebraska.....Chalcedony, pearl.
Nevada.....Gold quartz, rock crystal.
New Hampshire..Beryl, rock crystal, garnet.
New Jersey.....Fowlerite, willemite, prehnite,
 smoky quartz, agate, pearl.
New Mexico.....Turquoise, garnet, obsidian,
 peridot, rock crystal.
New York.....Beryl, brown tourmaline, rose
 quartz, fresh-water pearl,
 clam-pearl, chondrodite.
North Carolina..Aquamarine, beryl, emerald,
 almandite garnet, rhodolite,
 pyrope garnet, diamond, cy-
 anite, hiddenite, amethyst,
 ruby, sapphire, smoky quartz,
 rock crystal, rutile.
North Dakota....Chalcedony, agate.
Ohio.....Fossil coral, chalcedony.

- Oregon*.....Agate, obsidian, hydrolite.
Pennsylvania....Amethyst, beryl, sunstone,
 moonstone, amazonite, alman-
 dite garnet, pyrope garnet,
 rutile.
Rhode Island....Hornblende in quartz, ame-
 thyst, rock crystal.
South Carolina..Beryl, smoky quartz, rock crys-
 tal.
South Dakota....Quartzite, beryl, agate.
Tennessee.....Pearl.
Texas.....Beryl, pearl.
Utah.....Topaz, garnet.
Vermont.....Beryl, pearl.
Virginia.....Amethysts, spessarite, garnet,
 beryl, moonstone, staurolite,
 allanite.
Washington.....Pearl, agate.
West Virginia..Rock crystal.
Wisconsin.....Agate, pearl.
Wyoming.....Moss-agate, agate.

PRECIOUS AND SEMI-PRE- CIOUS STONES

UNMOUNTED STONES AND NOTABLE COLLECTIONS.

TIFFANY & Co's. connections in many different countries and their facilities for securing the choicest gems from first hands, enable them to maintain the most comprehensive stock and to offer patrons many other advantages not obtainable elsewhere.

With their expert precious stone and gem lapidaries, as well as gem engravers, they are in a position to recut gems for matching chipped or poorly cut diamonds or other gems, and also to cut or recut any precious stone or gem directly from the rough; to engrave crests, monograms or other devices on sapphires, alexandrites, topaz, bloodstone, sard or other stones for seals or signet rings, or to execute, to special order, caskets, vinaigrettes, or other objects of rock crystal, jade and other hard stones.

The vigilant scrutiny constantly employed absolutely guards against the admission of any inferior stones to their stock.

Some collections of veritable antique intaglios and scarabæi engraved on sards, carnelians, chalcedonies, bloodstones, garnets, or other gems,

all obtained from either well-known collectors or authorities.

Carbon, carbonado or bort from Brazil for diamond drills and mining operations, in quantities of few carats up to parcels containing thousands of carats.

The gems of the birth-month are frequently mounted into rings, charms, and other devices, with the zodiacal signs wrought into the settings, also the flower of the month, etc.

Collections:

The following are among the notable collections of precious and semi-precious stones prepared by TIFFANY & Co. for International Expositions.

1915 San Francisco, California, Mines and Mining Building, Panama-Pacific Exposition collection.

1907 Jamestown Exposition Collection, Gold Medal.

1905 Portland, Oregon, Exposition collection, awarded two gold medals.

1904 St. Louis Exposition collection. Grand Prize.

1902 Turin Exposition collection, Hors Concours, awarded special diploma of merit.

1901 Buffalo Exposition collection, awarded gold medal, presented by the late J. Pierpont Morgan, Esq., to the Musee Histoire Naturelles, Jardin des Plantes, Paris.

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1900 Paris Exposition collection, awarded the Grand Prix, and was presented by the late J. Pierpont Morgan, Esq., to the American Museum of Natural History, New York.

1895 Atlanta Exposition collection, presented by Dr. L. T. Chamberlain to the United States National Museum, Washington.

1894 special collection, purchased by the Mid-winter Fair Memorial Museum of San Francisco.

1893 Chicago Exposition collection received several special awards, and was purchased by the "Field Columbian Museum," Chicago.

1889 Paris Exposition collection awarded two gold and one silver medals, was presented by the late J. Pierpont Morgan, Esq., to the American Museum of Natural History, New York.

1878 Paris Exposition collection, awarded the Grand Prix.

1867 Paris Exposition, awarded a gold medal.

UNMOUNTED STONES

TIFFANY & Co.'s stock of unmounted stones includes the following:

Phenomenal Gems

CHRYSOBERYL CAT'S-EYE, ALEXANDRITE CAT'S-EYE, ALEXANDRITE, RUBY AND SAPPHIRE ASTERIA, MOONSTONE—with light blue and white chatoyancy.

Alexandrite

Leaf or olive green by natural or day-light, and columbine or raspberry red by artificial light, from Ceylon and Takawaja, Asiatic Russia.

Amethyst

Rich royal purple, from the Ural Mountains and Auvergne, France. Red by artificial light, from the Ural Mountains, Fine purple from Brazil, South America, North Carolina, and Virginia.

Aquamarine

Deep blue, from Brazil; green and blue, from Connecticut, the Ural Mountains, Siberia, and North Carolina; light blue and light green, from California and Maine.

Asteria

Light blue, blue, purple, light red, and ruby red, from Ceylon and Burmah.

Azur-Malachite

Blue and green mixture. Arizona.

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Benitoite

Blue, from California.

Beryl

Light blue and green, from Maine, North Carolina, Connecticut, Colorado, Brazil, and Siberia. Deep blue, from California, North Carolina and Brazil. Yellow, and yellow Ural Mountains, and Siberia. Rose, Madagascar and California.

Californite

California.

Chlorastrolite

From Isle Royal, Lake Superior.

Chrysoberyl

Light yellow, golden yellow, yellow brown, yellowish green, sage green, green, olive green, from Brazil and Ceylon.

Chrysoberyl Cat's-eye

Light yellow, yellow, yellowish brown, and green, from Brazil and Ceylon. Also Alexandrite Cat's-eyes, green by day and red by night, from Ceylon.

Chrysocola

Sky blue, Arizona.

Diamond

From India, Brazil, and South Africa. White, steel blue, rose colored, lemon and orange, yellow, cinnamon, light green, brown black, and a large assortment of rare and

curious tints, from which material for a necklace, brooch, ring, or other jewel can be selected.

Emerald

Rich velvet and grass-green, from the Muso mine, New Granada. Light green from Takawaja, Asiatic Russia, and New South Wales.

Essonite

Or Hyacinths, from Ceylon.

Garnet

Rich red, almost ruby red, from Arizona, New Mexico, and South Africa. Purple and almandine, from India and Bohemia. Honey yellow (essonite or hyacinth variety), from Ceylon. Honey brown, reddish brown (spessartite variety), from Virginia. Green (demantoid variety), rich, vivid green, green, yellow green, from the Ural Mountains.

Jade

Under this name two entirely distinct mineral substances are used in the arts. Jade or Nephrite is 6.5 in hardness, and is one of the toughest minerals known. It is a silicate of magnesia with a schistose and often a felt-like structure. It has a specific gravity of about 2.9; occurs in various shades of green, also white, and can be highly polished. This mineral is often found in large pieces. A waterworn boulder found in western New Zealand weighs 7,500 lbs. It was purchased by Tiffany & Co., and is now in possession of the American Museum of Natural History. Nephrite is also found in Siberia and Alaska. It is cut into vases,

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cigarette cases, cigar boxes, candlesticks, portrait frames, and other art objects; also slabs a quarter of an inch in thickness, three feet in length and two feet in width. The rich green color and translucency of the mineral make it very appropriate for art objects.

Jadeite has a hardness of 7 and a specific gravity of 3.1 to 3.5. Its structure is more crystalline than that of Nephrite. It is a silicate of alumina. The color varies greatly—sometimes intensely white with splashes or spots of the richest emerald green, and, again, lavender-colored spots are associated with the green. The mineral is found principally at Bhamo, Burmah, and was also known in ancient Mexico. The bright spots are usually cut out for rings or necklace stones; sometimes, however, a field of white is left around them so as to cast them in relief. These latter pieces are cut into pendants, spheres for necklaces, and a great variety of other ornaments.

Tiffany & Co. are prepared to make art objects of any size from these minerals.

Junzite

Rich lilac, pink, and rose, from near Pala, California.

Arganite Variety of Beryl

Rich rose, red, from Madagascar and California.

Moss Agate

From Wyoming, India, and Brazil.

Opal

Precious variety from the State of Washington, Oregon, Idaho, Queensland, New South Wales, and Hungary. Fire opal, limpid and deep red, from Mexico.

Pearl

From Ceylon, Persian Gulf, Western Australia, and Sulu Archipelago. Perfectly white Oriental pearls of exceptional size and beauty. Black and gray pearls from the Lower California coast. Pink or conch pearls from Florida and the West Indies. White, pink, brown, purple, and other colored pearls from the fresh-water brooks of Ohio, Indiana, Tennessee, Texas, Kentucky, and Wisconsin rivers. Purple and black pearls from the common clam of Long Island Sound and the Atlantic coast. Green or iridescent pearls from the abalones or earshells of the California coast, Japan and Korea.

Peridot

(Olivine and Chrysolite.) Rich olive green, from Egypt. Small olive green, yellow green, from Arizona and New Mexico.

Phenacite

From Takawaja, Asiatic Russia, and Colorado and Maine.

Rhodonite

Rich flesh red, from the Ural Mountains, and Cummington, Mass.

Rock Crystal

From North Carolina and California, in pieces large enough to cut into jewel caskets, bonbonnières, vinaigrettes, hand mirrors, clock-cases and other small objects of art.

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Ruby

Pigeon's-blood red, from Burmah. Light red, with tint of purple, from Ceylon and North Carolina. Dark beef-blood red, from Siam, and light red, from the Ural Mountains.

Rutilated Quartz

From North Carolina and Switzerland.

Rutile

From North Carolina.

Sapphire

Cornflower blue, dark velvet blue (*bleu de roi*), from Ceylon. Light blue, peacock blue, from Burmah and Siam. Green, lemon and straw yellow, salmon-colored pink, heliotrope purple, white and other colors, from Ceylon, Burmah, Siam, Montana, and the Ural Mountains.

Spinel

Ruby red, flame red, yellowish red, pink, purple, blue, blue green, and green in a variety of tints, from Ceylon, Siam, and Burmah.

Tiffanyite

Bluish white diamond that absorbs sunlight and artificial light, giving it out in the dark. Brazil, S. A.