

GR

~~805~~  
~~185~~  
1920

FLS  
2015  
099796











129

# NATAL STONES

BIRTH STONES  
SENTIMENTS AND SUPERSTITIONS  
ASSOCIATED WITH PRECIOUS STONES

GEORGE FREDERICK KUNZ  
Ph.D., Sc.D., A. M.

---

TWENTY-SIXTH EDITION

---

TIFFANY & Co.

JEWELERS & SILVERSMITHS

Fifth Avenue and 37th Street, New York

G 1805  
K 85  
1920

Gift  
W. A. Slade

Oct. 30. 28.



# NATAL OR BIRTH STONES

The Hebrew superstitions relating to gems were probably derived from Egyptian, Babylonian and Phœnician sources, and possibly to a small degree from the Navaratna, or nine-gem jewel of the Hindus. The influence of gems was believed in through the Middle Ages and down to the 17th Century. As to some of them it still persists to our day.

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

This list is based upon the theory that the original Breastplate was lost or broken up during the Babylonian Captivity, and the one that was seen by Josephus in the Temple in Roman times was put together in the fifth or fourth century B.C. This vanished when Jerusalem was captured and sacked by the Sassanian Persians under Khusrau II, in 615 A.D. In 637 A.D., if anything remained of it, the jewel came into the hands of the Mohammedan conquerors at the fall of Ctesiphon.

The famous Navaratna, or "nine-gem" jewel of the Hindus, gives the most complete expression to their belief in the association of gems with the planets and with the fate of man. In an ancient Hindu treatise on gems, the Navaratnapariksha, a magic ring composed of these nine gems is described, the central stone, the ruby, being surrounded by the eight stones associated with the cardinal points and having the indicated planetary affinities:

<i>Stone</i>	<i>Position</i>	<i>Planet</i>
Ruby	In the Centre	The Sun
Diamond	To the East	Venus
Pearl	To the Southeast	The Moon
Coral	To the South	Mars
Jacinth	To the Southwest	The Waxing Moon
Sapphire	To the West	Saturn
Topaz	To the Northeast	Jupiter
Cat's-eye	To the North	The Waxing Moon
Emerald	To the Northwest	Mercury

An echo, or a counterpart, of this nine-gem jewel may be seen in the Prophet Ezekiel's description of the "covering" of the King of Tyre (chap. XXVIII 13), written early in the 6th century B.C. The nine precious stones enumerated are: "sardius, topaz, diamond, beryl, onyx, jasper, sapphire, emerald and carbuncle." This may be an abbreviation of the list of Breastplate stones or, again, it may perhaps be the origin of the longer list of twelve stones.

Still another, and probably an older grouping of magic stones, is that given in an ancient Assyrian hymn concerning seven magic stones set "upon the shining breast of the King as an ornament." While most of the Assyrian names have not yet been interpreted, one of them, *uknû*, is almost certainly the lapis lazuli, while another, the *elmêshu*, said to be "perfect in celestial beauty," has been conjectured by Prof. Delitzseh to be the diamond.

To precious stones was attributed in former times the power of protection, or at least of lending a charm to life, and of attracting and holding the love of the one on whom they are bestowed, and that of preserving health, or fortune, or life.

## WEDDING ANNIVERSARY GEMS AND METALS

Wedding Anniversary Gems and Metals should be the choicest and best available, and for the first twelve stones we herewith use the series of twelve stones immortalized in the Breastplate of the High Priest, and now so familiar as birth stones. This list is historical and there is nothing conjectural about it. These are followed at later dates by some of the anniversary stones already so familiar, while the "Silver Wedding" (the twenty-fifth) and the "Gold Wedding" (the fiftieth) retain their time-honored places.

Thus the first series of anniversaries are made to culminate with the "Diamond Wedding" (the fifteenth), followed five years later by the "Platinum Wedding." For the succeeding dates, which are generally less observed, if we accept the twenty-fifth and the fiftieth, we give an occasional repetition of the Breastplate stone. Finally, the thirteenth anniversary, and the multiples of thirteen are signaled by the list of gems supposed to give the wearer luck and charm.

13 Moonstone	52 Star Ruby
26 Star Sapphire	65 Star Sapphire
39 Cat's-eye	

WEDDING ANNIVERSARY GEMS  
AND METALS

I Carnelian or Garnet	XX Platinum
II Peridot	XXV Silver
III Emerald or Jade	XXVI Star Sapphire
IV Ruby or Garnet	XXX Pearl
V Lapis Lazuli	XXXV Coral
VI Onyx or Sardonyx	XXXIX Cat's-eye
VII Sapphire	XL Ruby
VIII Agate	XLV Alexandrite
IX Amethyst	L Gold
X Topaz	LII Star Ruby
XI Beryl	LV Emerald
XII Jasper	LX Diamond
XIII Moonstone	LXV Star Sapphire
XIV Moss Agate	LXXV Diamond
XV Diamond	

## 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

Copyright, 1909, by TIFFANY & Co., N. Y.

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



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

NATAL STONES OF VARIOUS NATIONS  
AND PERIODS

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

## SENTIMENTS ASSOCIATED WITH STONES

As the supposedly magical influence of the Twelve Natal Gems is based upon the cycle of the Zodiac, their sphere of action does not absolutely coincide with the months, but in each case embraces part of two successive months. Thus the Garnet, the gem of January and of Aquarius, definitely applies to those born between January 20 and February 19; the Amethyst that of February and Piscis covers the period from February 20 to March 10, etc. Thus corrected, the exact spheres of influence are as follows:

- I Garnet (Aquarius) Jan. 20 to Feb. 19
- II Amethyst (Pisces) Feb. 20 to March 20
- III Jasper, Bloodstone (Aries) Mar. 21 to April 19
- IV Diamond, Sapphire (Taurus) April 20 to May 19
- V Emerald (Gemini) May 20 to June 20
- VI Agate (Cancer) June 21 to July 20
- VII Turquoise (Leo) July 21 to Aug. 21
- VIII Carnelian (Virgo) Aug. 22 to Sept. 22
- IX Chrysolite (Libra) Sept. 23 to Oct. 22
- X Beryl (Scorpio) Oct. 23 to Nov. 22
- XI Topaz (Sagittarius) Nov. 23 to Dec. 20
- XII Ruby (Capricornus) Dec. 21 to Jan. 19

SENTIMENTS ASSOCIATED WITH  
STONES

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

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* . . . . . Ipomœa, 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.

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.







SEPTEMBER

*Natal Stone* . . . . . Chrysolite.  
*Guardian Angel* . . . . . Tsuriel.

*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 lull those woes to rest.

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

## 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> .....	Humiël.
<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
-------

<b>F</b> ire-opal.	<b>F</b> eldspar.
<b>A</b> lexandrite.	<b>A</b> methyst.
<b>I</b> olite.	<b>I</b> docrase.
<b>T</b> ourmaline.	<b>T</b> opaz.
<b>H</b> yacinth.	<b>H</b> eliotrope.

HOPE
------

<b>H</b> yacinth.	<b>H</b> ematite.
<b>O</b> pal.	<b>O</b> livine.
<b>P</b> earl.	<b>P</b> yrope.
<b>E</b> merald.	<b>E</b> ssonite.

CHARITY
---------

<b>C</b> at's-eye.	<b>C</b> arbuncle.
<b>H</b> yacinth.	<b>H</b> ematite.
<b>A</b> quamarine.	<b>A</b> methyst.
<b>R</b> uby.	<b>R</b> ose quartz.
<b>I</b> olite.	<b>I</b> docrase.
<b>T</b> ourmaline.	<b>T</b> opaz.
<b>Y</b> ellow sapphire.	<b>Y</b> u (Jade).

GOOD LUCK
-----------

Golden beryl.  
Opal.  
Olivine.  
Diamond.

Garnet.  
Onyx.  
Obsidian.  
Dendrite.

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

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.

## 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.

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.

## 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, chryso-prase, kunzite, morganite.
- 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.
- Indiana*.....Pearl.
- Iowa*.....Fossil coral, pearl, chalcedony.
- Kansas*.....Chalcedony.
- Kentucky*.....Pearl.



- 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, willemitc, prehnite,  
smoky quartz, agate, pearl.
- New Mexico*....Turquoise, garnet, obsidian,  
peridot, rock crystal.
- New York*.....Beryl, brown tourmaline, rose  
q u a r t z , 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.
- Oklahoma*.....Obsidian, pearl, smoky quartz.

- Oregon*.....Agate, obsidian, hydrolite.
- Pennsylvania*....Amethyst, beryl, sunstone,  
moonstone, amazonite, almandite garnet, pyrope garnet,  
rutile.
- Rhode Island*....Hornblende in quartz, amethyst, rock crystal.
- South Carolina*..Beryl, smoky quartz, rock crystal.
- South Dakota*....Quartzite, beryl, agate.
- Tennessee*.....Pearl.
- Texas*.....Beryl, pearl.
- Utah*.....Topaz, garnet.
- Vermont*.....Beryl, pearl.
- Virginia*.....Amethysts, spessartite, 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 NOT- ABLE COLLECTIONS

TIFFANY & Co's. unequalled 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.

TIFFANY & Co. 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, cases, vases, 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, chalcidies, bloodstones, garnets, or other gems, all obtained from either well-known collectors or authorities.

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, the guardian angel, 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 of gems and precious stones. Grand Prize.

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 Muséum d'Histoire Naturelle, Jardin des Plantes, Paris.

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 medals and one silver medal, 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.

1847 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.

## Astheria

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

## Azur-Malachite

Blue and green mixture. Arizona.

## 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, Ural Mountains, and Siberia. Rose (Morganite), 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.

## Chrysocolla

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 United States of Colombia. 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. Pale purple, rhodolite, North Carolina. 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.

Jadeite Imperial Jade when rich green has a hardness of 7 and a specific gravity of 3.1 to 3.3. 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, Burma, and was also known in ancient Mexico. The intense spots are green cut for necklace or ring 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, beads, for necklaces, and a great variety of other ornaments.

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, which also has a polished mass of Jade (Nephrite) weighing 4,710 lbs., discovered at Jordansmuhl, Siberia, by the author, April 20, 1899. Nephrite is also found in Siberia and Alaska. It is cut into vases, 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.

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

### Kunzite

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

### Morganite 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. Black opal with rich flashes of red, green, blue, and purple, from Lightning Ridge, Australia.

## Pearl

From Ceylon, Persian Gulf, Western Australia, and Sulu Archipelago. 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.

## Rhodolite (see Garnet)

## Rhodonite

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

### Rock Crystal

From North Carolina and California; Madagascar, Brazil, and Japan, in pieces large enough to cut into jewel caskets, bonbonnières, vinaigrettes, hand mirrors, clovecases and other small objects of art; also perfect spheres from one inch to six inches in diameter.

### Ruby

Pigeon's-blood red, from Burma. 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 Alexander County, North Carolina and Switzerland.

### Rutile

From North Carolina.

### Sapphire

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

### Topaz

Wine yellow, pink, white, and sherry colored, from Brazil. Salmon colored, light blue, light green, white, from Colorado and the Ural Mountains.

### Tourmaline

Light green, olive green, grass-green, dark green, from Maine, California, and Brazil. Blue (indicolite), from Maine and Brazil. Red, pink (rubellite), from California, Maine, Brazil, and the Ural Mountains. Brown, from Ceylon and Carinthia. White (achroite), from Brazil and Maine.

### Turquoise

Sky blue, from Persia. Fine sky blue and robin's-egg blue, from New Mexico.

### Utahlite

Golden green, often banded with yellow, from Utah.

### Zircon

Yellow, honey yellow, yellow green, light green, brownish green, blue, yellow brown, brown, white, cinnamon, from Ceylon and Australia.



Deacidified using the Bookkeeper process  
Neutralizing agent: Magnesium Oxide  
Treatment Date: May 2015

**Preservation Technologies**

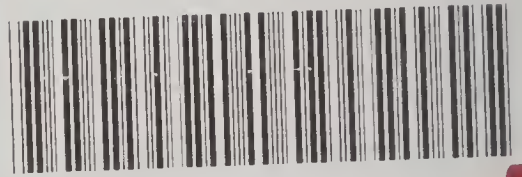
**A WORLD LEADER IN COLLECTIONS PRESERVATION**

111 Thomson Park Drive  
Cranberry Township, PA 16066  
(724) 779-2111





LIBRARY OF CONGRESS



0 017 664 179 4