

for two hours, add the alcohol, and transfer to a tightly-corked bottle. Digest for thirty days and filter.

ORANGE (CITRUS AURANTUM. CITRUS BIGARADE).

From the orange tree is obtained five distinct and valuable perfumes: (1) The true flower odor, obtained by digesting the flowers with lard; (2) oil neroli petale or oil neroli bigarade, by distilling the flowers of the sweet and bitter orange respectively; (3) oil of neroli petit grain, by distilling the leaves and unripe fruit; (4) oil of orange Portugal, obtained by rolling the fruit in a metal cup covered with spikes, known as an ecuelle, which wounds the fruit and causes the oil to flow from the oil glands; (5) commercial oil of orange, obtained by expressing or distilling the orange peel. The orange tree is cultivated extensively in Southern France, Italy, and Sicily.

Essence of Orange Flowers.

Orange flower pomade.....oz. 16
Deodorized alcohol.....q.s. or oz. 16

Proceed as with cassie.

Neroli Spirit.

Oil neroli petale.....drams 4
Deodorized alcohol.....oz. 16

ORRIS (ORIS FLORENTINA).

Is largely cultivated near Florence, Italy.

Tincture Orris.

Orris root pulverized.....oz. 8
Deodorized alcohol, enough to make.....oz. 16

Prepare by percolation.

PATCHOULY (POGOSTEMON PATCHOULL LINDLEY).

Patchouly is a native of Selhet, a district of Bengal. It is also found in Java, Ceylon, and portions of China. The oil is distilled from the fresh herb. It has a very peculiar musty, mossy odor; but, when properly blended, forms a very fashionable perfume.

PIMENTO.

The allspice tree is a native of the West Indies, Mexico, and South America. The oil is obtained by distilling the berries.

ROSE (ROSE CENTIFOLIA).

This is truly the Queen of Flowers, and, although roses are found growing wild in nearly every part of the world, it is only in France, Turkey, and India that they are cultivated for their perfume. The Turkish oil is the one commonly found in the market. Oil of rose should congeal at 80 deg. F. When slowly cooled to 50 deg. F. the oil becomes a transparent solid, interspersed with numerous slender, shining, iridescent scale-like crystals (U.S.P.). The oil is obtained by distilling the flowers with water.

Essence of Rose.

Rose pomade.....oz. 16
Deodorized alcohol.....q. s. or oz. 16

Proceed as with cassie essence.

Spirit of Rose.

Oil of rose.....drams 2
Oil of rose geranium....." 1
Deodorized alcohol.....oz. 16

The oil of rose geranium is added to give permanence to the spirit.

ROSEMARY (ROSMARINUS OFFICINALIS).

The rosemary plant is a native of the borders of the Mediterranean Sea. It is also cultivated in this country. The oil is one of the leading ingredients in Cologne.

SANTAL (SANTALUM ALBUM).

The oil is distilled from the wood, which is a native of Australia and the South Sea Islands.

Spirit of Santal.

Oil of santal wood.....drams 2
Deodorized alcohol.....oz. 16

TONKA (DIPTERIX ODORATA).

The Tonka bean is the fruit of a large South American tree. When fresh they are very fragrant, having a strong odor of new-mown hay. They are exported from Para and Angustura. Tonka beans are used for scenting snuff, and by unscrupulous dealers for adulterating vanilla. And in perfumery in the form of tincture they enter into many of the leading bouquets.

Tincture of Tonka.

Tonka beans.....oz. 6
Deodorized alcohol, a sufficient quantity.

Reduce the beans to a coarse powder; macerate in a corked bottle with 16 ounces of alcohol four days. Then filter and add enough alcohol through the filter to make the product measure 16 ounces.

TUBEROSE (PALEANTHES TUBEROSA).

The tuberose is a native of the East Indies. It is cultivated for its perfume in Southern France. Its odor is very fine and is a general favorite.

Essence of Tuberose.

Tuberose pomade.....oz. 16
Deodorized alcohol.....q. s. or oz. 16

Proceed as with cassie.

VANILLA (VANILLA PLAINFOLIA).

The best vanilla beans come from Mexico. Tincture of vanilla is used as a fixing ingredient to some perfumes.

Tincture of Vanilla.

Vanilla beans.....oz. 1
White sugar.....oz. 1
Deodorized alcohol.....oz. 16

Cut the beans in small pieces. Beat with the sugar in a mortar until they are reduced to a coarse powder. Macerate with the alcohol for thirty days and filter.

VIOLETS (VIOLA ODORATA).

A very delicate odor, but very fleeting; by the addition of some of the stronger properties a very fine and popular perfume is obtained. Violets are cultivated in Southern France.

Essence of Violets.

Violet pomade.....oz. 16
Deodorized alcohol.....q. s. or oz. 16

Proceed as with cassie essence.

VITIVERT, OR KUS KUS (ANDROPOGON MURICATUS).

Is the rhizome of an Indian grass.

Spirits of Vitivert.

Oil of vitivert.....drops 30
Deodorized alcohol.....oz. 4

YLANG OR IHLANG (CANANGA ODORATA).

This plant is found in the Philippines and the islands of the Indian Archipelago. The oil is obtained by distilling the flowers. The perfume is very characteristic and lasting.

Spirit of Ylang.

Ylang oil.....drams 3
Deodorized alcohol.....oz. 4

In the following formulæ, if the perfumes are too expensive, the ambergris can be omitted and civit substituted, except in extract of ambergris. The musk can also be reduced in strength one-half and still yield satisfactory results. In all cases secure the best goods, regardless of price. In perfumes as well as in medicines quality is of the first importance. When the perfumes are mixed they should be frequently agitated, and allowed to stand for two or three weeks before filtering. Age improves all perfumes if kept in a moderate atmosphere and in a dark place.

(1) AMBERGRIS EXTRACT.

Spirit of rose.....oz. 3
Tincture of ambergris....." 8
" musk....." 4
" vanilla....." 1

Where permanence is desired this can be recommended.

(2) ESS. BOUQUET.

Spirit of rose.....oz. 8
Tincture of ambergris....." 1
" orris....." 1
Essence of cassie....." 1
Oil of bergamot.....drops 30
" lemon....." 60
" neroli petale....." 15
Deodorized alcohol.....oz. 5

(3) FRANGIPANNI.

Tincture of musk.....oz. 5
" civit.....drams 4
" orris root.....oz. 3
Essence of orange flowers....." 3
" tuberose....." 3
Spirit of vitivert....." 1
Oil of santal.....drops 60
" neroli petale....." 60
" rose....." 120
" rose geranium....." 60

Where there is a demand for something lasting regardless of price, this will prove satisfactory.

(4) ROSE GERANIUM EXTRACT.

Oil of rose geranium.....oz. 1
Deodorized alcohol....." 15

(5) HELIOTROPE.

Tincture of vanilla.....oz. 8
" ambergris....." 1
" civit....." 1
Spirit of rose....." 3
Essence of rose....." 3
Oil of bitter almond.....drops 5

(6) HONEYSUCKLE.

Essence of rose.....oz. 4
" violet....." 4
" tuberose....." 4
Tincture of vanilla....." 1
" tolu....." 1
" musk....." 1
Oil of neroli petale.....drops 3
" bitter almond....." 2
Deodorized alcohol.....oz. 1