

SYRUP OF SULPHATE OF QUININE.

Sirup de Quinine. (FERR.; BORIES; CADET DE GASSICOURT; FEE; HENRI; MAGENDIE; RATIER)

R. Sulphate of Quinine, sixty-four grains.
Dissolve it in a little water acidulated with a few drops of sulphuric acid, and add Warm Simple Syrup, two pounds.
Mix.

COMPOUND SYRUP OF SULPHATE OF QUININE. (BORIES)

R. Coffee, roasted and ground, four ounces.
Boiling Water, two pounds four ounces.
Infuse in a covered vessel; strain when cold, and add Sugar, four pounds.
Dissolve in a water-bath, and add further Sulphate of Quinine, dissolved in a little water slightly acidulated with sulphuric acid, sixty grains.
Mix.

TINCTURE OF SULPHATE OF QUININE. (FERR.; BORIES; FEE; MAGENDIE; PIERQUIN; RATIER)

R. Sulphate of Quinine, six grains.
Alcohol (34 degrees), one ounce.
Dissolve. (FERR.; BORIES; FEE; MAGENDIE; PIERQUIN)
RATIER prescribes two scruples of sulphate and one pound of alcohol.

WINE OF SULPHATE OF QUININE. (FERR.; BORIES; CADET DE GASSICOURT; FEE; MAGENDIE; PIERQUIN; RATIER)

R. Sulphate of Quinine, twelve grains.
Madeira Wine, two pounds.

Dissolve. (FERR.; BORIES; FEE; MAGENDIE; PIERQUIN; RATIER)

CADET DE GASSICOURT prescribes eight grains of sulphate.

R. Wine, one pound and a half.
Tincture of Quinine, two ounces.

Mix. (MAGENDIE)

EMMENAGOGUE BOLUSES.

Boli incitantes emmenagogi. (BRERA)

R. Black Oxide of Iron, thirty grains.
Sulphate of Quinine, from six to twelve grains.
Powdered Roses, } of each,
Extract of Horehound, } one dram and a half.

Make eight boluses.—Dose, one every two, three or four hours.

FERRIFUGE BOLUSES.

Boli anti-febriles. (BRERA)

R. Sulphate of Quinine, three grains.
Crumb of Bread, a sufficient quantity to make one bolus.—Dose, four, six, or eight daily, at intervals of two hours.

R. Sulphate of Quinine, twelve grains.
Opium, two grains.
Honey, a sufficient quantity.
Make four boluses.—Dose, one every four hours.

TONIC PILLS. (ELLIS)

R. Sulphate of Quinine, ten grains.
Conserve of Roses, a sufficient quantity.
Make ten pills.—Dose, one every hour.

RADIX LOPEZIANA.—LOPEZ ROOT.

SYNONIME:—Racine de Jean Lopez.

AMST.; ANT.; BATAV.; BELG.; BRUNS.; GALL.; FERR.; FULD.; WIRTEM.; AINSLIE; MURRAY and GMELIN; SPIELMANN.

This root is in rather large, ligneous pieces, the wood of which is of a yellowish-white colour, compact, veined, inodorous, and very bitter. The bark consists of an inner stratum, which is reddish, bitter, and styptic, and of an outer one which is grain-

ed, pulverulent, and of a pale yellow colour; the latter is probably derived from some cryptogamic growth.

This bark comes from Africa, but we are ignorant of the plant which furnishes it. Is it the *Morus Indica*? By a singular error, FERR. assigns it to the *Lopezia racemosa*, CAV., of Mexico.

It is excitant and tonic, and is prescribed in chronic diarrhœa.

Dose, from six to twenty grains of the powder, three or four times a day.

ASTRINGENT SYRUP. (SAINTE-MARIE)

R. Lopez Root, cut small, one ounce.
Boiling Water, two pounds.

Digest in hot ashes for forty-eight hours; then boil slowly till reduced to one half. Strain this and dissolve in it,

White Sugar, one pound,
and boil to a syrup.—Dose, six spoonfuls, in the course of the day.

ASTRINGENT ELECTUARY. (SAINTE-MARIE)

R. Lopez Root, two drams.

Conserve of Red Roses, } of each,
Hips, } two ounces.
Syrup of Gum, a sufficient quantity.

Mix.—Dose, a tea-spoonful, twice or thrice a day.

ASTRINGENT TINCTURE. (SAINTE-MARIE)

R. Lopez Root, one dram and a half.
Alcohol, two ounces and a half.

Digest and filter.

Dose, a tea-spoonful, thrice a day, in any proper vehicle.

RANUNCULUS.

Six species of this genus of plants are used in medicine :

1. *Ranunculus acris*, LINN. — Upright Crow-foot.

SYNONIMES :—Renoncule âcre, FR. ; Scharfer Hahnenfuss, GERM.

BRUNS. ; HISP. ; GALL. ; GUIBOURT ; MURRAY and GMELIN ; SPIELMANN.

A very common plant of Europe. (*Polyandria Polygynia*, LINN. ; *Ranunculaceæ*, JUSS. ; *Fig. Flore Medic. VI. 294*)

The herb and flowers are employed.

The herb (*Herba Ranunculi seu Ranunculi acris seu pratensis*) consists of leaves divided into three lobes, and these again much subdivided ; the superior are linear. The flowers are yellow.

2. *Ranunculus aquatilis*, LINN.

SYNONIMES :—Renoncule aquatique, FR. ; Wasserhahnenfuss, Wasserhähnlein, GERM.

HISP.

A plant of Europe. (*Fig. CEd. Fl. Dan. t. 376*)

The herb and flowers are employed.

The herb consists of leaves, some finely cut into capillary segments, others entire and peltate. It has an acrid taste.

The flowers are white.

3. *Ranunculus bulbosus*, LINN.—Bulbous Crow-foot ; Butter Cup.

SYNONIMES :—Renoncule bulbeuse, FR. ; Knolliger Hahnenfuss, GERM. ; Knollartige ranonkel, DUT. ; Solvifear, SWED.

GALL. ; GUIBOURT ; MURRAY and GMELIN.

A common plant of Europe. (*Fig. CEd. Fl. Dan. t. 351*)

The root and herb are employed.

The root (*Bulbus Ranunculi bulbosi*) is simple, round, tuberculous, and white. The herb consists of a straight stem and of compound leaves.

The whole plant is extremely acrid.

4. *Ranunculus sceleratus*, LINN.—Marsh Crow-foot.

SYNONIMES :—Renoncule des marais, FR. ; Giftiger Hahnenfuss, Froscheppich, Feigblatterneppich, GERM. ; Puggepeber, DAN. ; Ranonculo mulvado, SPAN. ; Waerhaanevoet, DUT.

GALL. ; COXE ; GUIBOURT ; MURRAY and GMELIN.

A plant of Europe, common in marshy places. (*Fig. Blackw. Herb. t. 259*)

The herb (*Herba Ranunculi palustris seu aquatici*) is employed. It consists of a glabrous, fistulous, and very branching stem, and of caulinary, petiolated, rounded glabrous leaves, half cut into three incised or crenelated lobes, smooth, and of a light-green colour, and into caulinary leaves cut more deeply, narrower, linear, and digitate or palmate.

This species is one of the most acrid and irritant poisons ; it is considered by some authors as the *Herba Sardoæ* of SALLUST, from the name of which we derive the designation of *sardonic* given to the apparent laughter which is produced by the spasmodic contraction of the muscles of the mouth and cheeks, which the use of this plant excites.

5. *Ranunculus Flammula*, LINN.—Lesser Spearwort.

SYNONIMES:—Pétite douve, FR.; Kleiner Sumpfhahnenfuss, GERM.; Liden guul hanefod, DAN.; Kleen eegkelolen, DUT.; Ælt græs, SWED.

GALL.; GUIBOURT; MURRAY and GMELIN.

A common plant of Europe. (*Fig. Zorn, Ic. pl. t. 326*)

The herb (*Herba Flammulæ*) is employed. It consists of a smooth stem, furnished with very entire oval, lanceolated, petiolated leaves. Its taste is extremely acrid and burning.

It is irritant. The Swedish peasants apply it to the inner side of the wrist in intermittent fevers.

6. *Ranunculus Ficaria*, LINN.—Pilewort.

SYNONIMES:—Pétite Chélideoine, FR.; Feigwarzenkraut, Scharbockskraut, Schmalzsternblume, GERM.; Speenkruid, DUT.

BRUNS.; GALL.; GENEV.; WIRTEM.; BERGIUS.; MURRAY and GMELIN.; SPIELMANN.

A plant which grows in all parts of Europe. (*Fig. CEd. Fl. Dan. t. 499*)

The root (*Radix Ficariæ seu Chelidonii minoris*) is employed. It consists of small oblong, and fleshy tubercles, adherent by fibres. It has an acrid and biting taste.

It is irritant; vesicant externally, and sometimes internally.

RAPHANUS.—RADISH.

Two plants of this name are used in medicine:

1. *Raphanus sativus*, LINN.—Turnip Radish.

SYNONIMES:—Raifort cultivé, Radis noir, FR.; Rettig, Ratic, Reddick, GERM.; Reddike, DAN.; Rabano, SPAN.; Tamme radys, DUT.; Rafano, ITAL.; Rabao, PORT.; Rættika, SWED.

AMST.; BRUNS.; DAN.; HISP.; GALL.; FERR.; PALAT.; WIRTEM.; HERBIP.; BERGIUS.; GUIBOURT; MURRAY and GMELIN.; PIDERIT; SPIELMANN.

This plant is cultivated every where. It is said to be originally from China. (*Tetradymia Siliquosa*, LINN.; *Crucifera*, JUSS.; *Fig. Flore Medic. IV. 292*)

The root (*Radix Raphani nigri seu hortensis*) is large, orbicular, black without and white within; its substance is firm and succulent. It has a strong, peculiar odour, and a very acrid taste, which is particularly distinct in the rind.

There are several varieties of this species produced by culture.

2. *Raphanus rusticus* (*Cochlearia Armoracia*), LINN.—Broad Horse-radish.

SYNONIMES:—Raifort sauvage, Cran, FR.; Meerrettig, Meerrettigsscharbockheil, Kreen, Kræn, GERM.; Kren, BOHEM.; Peberrod, DAN.; Rabano, Marvisro, SPAN.; Meerradys, DUT.; Armoraccio, Peperello bovrasso, ITAL.; Chrzan, POL.; Rabao rusticano, PORT.; Chren, RUSS.; Pepparrot, SWED.

VOL. II.

LOND.; DUBL.; EDINB.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FENN.; FORM. HÔP. FR.; FULD.; GENEV.; HAMB.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; POL.; BORUS.; ROSS.; SAX.; SUEC.; WIRTEM.; HERBIP.; BERGIUS.; COXE.; GUIBOURT; MURRAY and GMELIN.; PARIS; SAUNDERS; SPIELMANN; ZARDA.

A plant common to various parts of Europe. (*Tetradymia Siliquosa*, LINN.; *Crucifera*, JUSS.; *Fig. Zorn, Ic. pl. t. 457*)

The root (*Radix Armoraciæ seu Raphani rustici seu rustici seu marini*) is employed. It is long, cylindrical, thick, yellow without, white and fibrous within.

It has a very penetrating odour, and an acrid, pungent, and bitter taste.

It contains starch and a volatile oil, of which sulphur appears to be one of the principal constituents.

It is an energetic stimulant, and is stomachic, and anti-scorbutic.—Dose, of the juice, half a dram, in milk or wine.

IRRITANT PEDILUVIUM.

Pediluvium ex Armoracia. (AUGUSTIN)

R. Hot Water, four pounds.
Horse-radish, bruised, -
from two to four ounces.

Mix.—SCHLEGEL recommends it to restore suppressed perspiration of the feet.

3 Q

ANTI-SCORBUTIC SPECIES.

Species contra Scorbutum. (PALAT.)

- R. Herb of Scurry-grass, }
 ——— Water-cress, } of each,
 ——— Brooklime, } half an
 ——— White Horehound, } ounce.
 ——— Fumitory, }
 ——— Buckbean, }
 Root of Horse-radish, } half a pound.
 ——— Polypody, } of each,
 ——— Sarsaparilla, } three ounces.
 Seeds of Anise, } six drams.
- Cut, bruise, and mix.

DIURETIC JUICE.

Succus Armoracæ compositus. (SUEC.; NIEMANN.)

- R. Juice of Horse-radish, four ounces.
 Oxymel of Squill, one ounce.
 Mix. (NIEMANN)
- R. Juice of Horse-radish, one ounce.
 Spirit from grain, six ounces.
 Vinegar, two ounces.
- Mix. (SUEC.)
 Dose, two spoonfuls.

ANTI-CATARHAL DRINK. (PIERQUIN; SAINTE-MARIE)

- R. Expressed Juice of boiled } of each,
 Radishes, } eight
 Water, } ounces.
 Honey, } two ounces.
- Mix.—To be taken in the course of the day, by cupfuls.

HONEY OF HORSE-RADISH.

Mel Armoracæ. (SUEC.; NIEMANN; VAN MONS)

- R. Juice of Horse-radish, three ounces.
 Honey, one pound.
- Mix without heat. (SUEC.)

VAN MONS prescribes one part of juice and four parts of honey.—NIEMANN—one of juice and two of honey, evaporated to a proper consistence over a slow fire.

WATER OF HORSE-RADISH.

Aqua Armoracæ. (HENRI)

- R. Fresh Root of Horse-radish, one part.
 Water, five parts.
- Distil two parts.

DIURETIC WATER. (SARD.; CADET DE GASSICOURT; PIERQUIN)

- R. Root of Horse-radish, } of each,
 ——— Parsley, } one pound.
 ——— Saxifrage, }
 Juniper, } six ounces.

Lemon Juice, } of each,
 Water of Rest-harrow, } three pounds.

Macerate for twenty-four hours, and distil in a water-bath. (SARD.)

- R. Juice of Leek, } of each,
 ——— Onion, } two pounds.
 ——— Horse-radish, }
 ——— Wall Pellitory, } of each,
 ——— Lemon, } half a pound.

Digest for three days, and distil slowly. (CADET DE GASSICOURT; PIERQUIN)

Dose, one ounce, morning and evening.

SPIRIT OF HORSE-RADISH.

Spiritus Raphani rusticani. (HASS.; SARD.)

- R. Fresh Root of Horse-radish, } of each,
 Juice of Horse-radish, } six pounds.
 Water, }
 Alcohol, } two pounds.

Distil one half. Add to the product

Fresh Root of Horse-radish, three pounds.

Distil in a water-bath. (SARD.)

- R. Root of Horse-radish, } of each,
 Water, } six parts.
 Alcohol, } four parts.

Distil two parts. (HASS.)

COMPOUND SPIRIT OF HORSE-RADISH.

Spiritus Armoracæ compositus. (LOND.; DUBL.; FULD.; NIEMANN)

- R. Fresh Horse-radish, } of each,
 sliced, } one
 Dried Orange Peel, } pound.
 Nutmegs, bruised, half an ounce.
 Proof Spirit, one gallon.
 Water, a sufficient quantity

to prevent empyreuma. Macerate for twenty-four hours, and distil one gallon slowly. (LOND.; DUBL.; NIEMANN)

- R. Root of Horse-radish, three pounds.
 Alcohol, four pounds.

Distil four pounds by the heat of a water-bath, and add

Water of Pimenta, eight pounds.

Mix. (FULD.)

Dose, a spoonful.

ANTI-SCORBUTIC PTISAN. (DISP. CHA. PARIS)

- R. Compound Spirit of Horse-radish, one ounce.

Infusion of Cichory, one pound and a half.

Mix.

ANTI-SCORBUTIC BEER.

Cerevisia Armoracia. (CADET DE GASSICOURT; HUFELAND; VAN MONS)

R. Horse-radish, five ounces.
Beer, two pounds.

Infuse for twenty-four hours, and add to the strained liquor,

Simple Syrup, one ounce.

Mix. (HUFELAND)

R. New Beer, twenty pounds.

Suspend in it, during its fermentation, a bag containing

Betony,	} of each,	one handful.
Sage,		
Agrimony,		
Scurvy-grass,		
Lesser Wormwood,	} of each,	four ounces.
Root of Elicampane,		
— Horse-radish,		

Strain at the end of two or three days. (CADET DE GASSICOURT)

R. Oranges, three.

Express the juice, and pour it into

Strong Beer, sixty-four parts.

Macerate, without heat, in the mixture

Fresh Leaves of Scurvy-	} of each,	one part.
grass,		
— Cress,	} of each,	one half part.
— Sage,		
Seeds of Mustard,		
Root of Horse-radish,		

At the end of several days, strain with slight expression. (VAN MONS)

Dose, two or three glassfuls, daily, in scurvy and disorders of the loins, bladder, and liver.

COMPOUND SPRUCE BEER.

Bièrre Sapinette. (CADET DE GASSICOURT)

R. Beer, four pounds.

Root of Horse-radish, two ounces.

Leaves of Scurvy-grass, one ounce and a half.

Buds of Spruce Fir, one ounce.

Infuse, and express.—Dose, from two to four ounces daily.

VINEGAR OF HORSE-RADISH.

Acetum Cochlearia Armoracia. (SWEDIAUR)

R. Root of Horse-radish, one ounce.
Vinegar, one pound.

Macerate for eight days, and filter.

It is principally employed as a cosmetic for the removal of freckles; it is also used against scorbutic ulcers of the mouth.

EMETIC LIQUOR. (PIERQUIN)

R. Green Walnuts, } of each,
Root of Horse-radish, } two pounds.
Vinegar, three pounds.

Digest in a moderate heat for five or six days, and strain.—Dose, from half an ounce to three ounces.

COMPOUND TINCTURE OF HORSE-RADISH.

Tinctura Raphani composita. (FORM. HÔP. FR.; NIEMANN)

R. Fresh Root of Horse-radish, two ounces.
Dried Orange Peel, one ounce.
Spirit of Scurvy-grass, four pounds.

Digest for several days, and express.

It is excitant, and is recommended in scurvy.—Dose, a spoonful.

ANTI-SCORBUTIC GARGLE. (RATIER)

R. Bitter Infusion, six ounces.
Tincture of Horse-radish, half an ounce.
Honey of Roses, two ounces.

Mix.

WINE OF HORSE-RADISH.

Vinum Armoracia. (SUEC.)

R. Root of Horse-radish, half a pound.
White Wine, eight pounds.

Digest for four days, and strain.

It is excitant and anti-scorbutic.

COMPOUND WINE OF HORSE-RADISH.

Vinum Cochlearia compositum. (FORM. HÔP. FR.; NIEMANN; SWEDIAUR)

R. Root of Horse-radish, one ounce.
Cinnamon, of each,
Seeds of Black Mus- } one ounce and
tard, a half.
White Wine, two pounds and a half.

Macerate for three days, frequently agitating, and afterwards decant the clear part. (SWEDIAUR)

R. Compound Tincture of Horse-radish, one ounce.
White Wine, two pounds.

Mix. (FORM. HÔP. FR.; NIEMANN)

It is excitant, and is recommended in scurvy, derangement of the digestive functions from weakness of the stomach, and in paralysis.—Dose, five or six spoonfuls twice a day. It may be mixed with water when taken.

ANTI-SCORBUTIC WINE. (GALL.; SARD.; SPIELMANN; VAN MONS)

R. Root of Horse-radish, three parts.
Seeds of Mustard, one part and a half.

Herb of Water Cress, }
 — Scurvy-grass, } of each,
 — Brooklime, } one part.
 Spirit of Scurvy-grass,

one part and a half.
 Rhenish Wine, ninety-six parts.
 Infuse for eight days; then express, and filter. (VAN MONS)

R. Fresh Root of Horse-radish, one ounce.
 — Leaves of Scurvy-grass, }
 — Water } of each,
 — Cress, } half an
 — Buckbean, } ounce.
 Seeds of Mustard, }
 Muriate of Ammonia, } two drams.
 White Wine } two pounds.

Digest for thirty-six hours, occasionally agitating; strain with slight expression, and add to the liquor

Spirit of Scurvy-grass, half an ounce.
 Mix. (GALL.)

R. Fresh Root of Horse-radish, }
 — Burdock, } twelve ounces.
 — Leaves of Scurvy-grass, } five ounces.
 — Cress, } of each,
 — Brooklime, } six
 — Fumitory, } ounces.
 Seeds of Mustard, }
 Muriate of Ammonia, } three ounces.
 White Wine, } three hundred and eighty ounces.

Infuse for eight days; then express strongly, and filter. (SPIELMANN)

R. Fresh Root of Horse-radish, }
 — Leaves of Scurvy-grass, } four ounces.
 — Buckbean, } of each,
 — Sage, } two hand-
 — White Wine, } six pounds.
 — Iris, } one handful.

Digest for twenty-four hours at a moderate heat, and strain. (SAUNDERS)

Dose, one ounce, and more.

DIURETIC WINE. (SAUNDERS)

R. Root of Horse-radish, } of each,
 — Iris, } six ounces.
 White Wine, a sufficient quantity
 to obtain, after half an hour's infusion, two
 pounds of strained liquor; add to this

Syrup of Fennel, } of each,
 — Juniper, } two ounces.

Mix.

ANTI-SCORBUTIC SYRUP.

Syrupus anti-scorbuticus seu anti-scorbuticus compositus seu Cochlearia officinalis com-

positus seu de Armoracia compositus.
 (ANT.; BELG.; GALL.; SPIELMANN;
 SWEDIAUR; VAN MONS)

R. Bruised Cinnamon, } one part.
 Fresh Leaves of Scurvy-grass, }
 — Brooklime, } of each,
 — Cress, } thirty
 Seeds of Mustard, } thirty-five parts.
 Fresh Root of Horse-radish, }
 — Orange Juice, } forty-five parts.
 — Red Wine, } two hundred and sixty parts.

Infuse for twenty-four hours at a moderate temperature; when cold, express the liquor, and dissolve in it, at a gentle heat,

White Sugar, }
 — } four hundred and eighty parts.

Strain the syrup through a sieve. (VAN MONS)

R. Fresh Leaves of Scurvy-grass, }
 — Buckbean, } of each,
 — Water } one
 — Cress, } pound.
 Root of Horse-radish, }
 Bitter Oranges, sliced, }
 Cinnamon, bruised, } one ounce and a half.

White Wine, } four pounds.

Macerate for two days in a tin cucurbit covered with its capital and well luted. Distil in a water-bath one pound of liquor, with which and

White Sugar, } two pounds,
 — } make a syrup in a covered vessel placed in a water-bath. Strain, without expression, what remains in the cucurbit. Set apart the liquor, and finally decant, and make a syrup with

White Sugar, } two pounds.

Clarify the syrup, and when it is only warm mix it with the preceding. (GALL.)

R. Fresh Herb of Scurvy-grass, } of each,
 — Pepper-wort, } five
 — Water Cress, } pounds.
 Root of Horse-radish, } ten pounds.
 Cinnamon, in powder, } six ounces.
 Bitter Oranges, sliced, } one pound.
 Alcohol (20 degrees), } two pounds.
 Distilled Water, } eight pounds.

Mix in an alembic, and distil slowly five pounds of liquor, with which and

White Sugar, } ten pounds,
 — } make a syrup by the heat of a water-bath. Express strongly what remains in the cucurbit. Add to the strained liquor

White Sugar, } ten pounds.

Clarify, boil slowly to the consistence of syrup, and when cold, mix it with the preceding. (ANT.; BELG.)

SWEDIAUR prescribes, instead of the mixture of alcohol and water, ten pounds of white wine. He also recommends the second syrup to be made with the liquor expressed from the residue, ten pounds of water, and twenty pounds of sugar.

- R. Juice of Scurvy-grass, } of each,
 ——— Brooklime, } twelve
 ——— Water Cress, } ounces.
 ——— Horse-radish Root, }
 ——— Bitter Oranges, twenty ounces.
 Fresh Peel of Bitter Orange, one ounce.

Digest without heat in a covered vessel, occasionally agitating, for about twelve hours. Filter, and add to the liquor

White Sugar, twice the quantity.

When dissolved, add further,

- Spirit of Scurvy-grass, } of each,
 Cinnamon Water, } one ounce.

Set aside, and decant. (SPIELMANN)

BITTER ALTERNATIVE SYRUP. (CADET DE GASSICOURT)

- R. White Wine, sixteen pounds.
 Leaves of Scurvy-grass, three pounds.
 ——— Buckbean, } of each,
 Fresh Root of Horse- } two pounds.
 radish, }
 Dried Root of Gentian, one pound.
 Macerate for several days; then

- R. Of this Wine, one pound.
 Sugar, one pound twelve ounces.

Dissolve slowly, and to each pound of this syrup add one ounce of another syrup prepared with spirit of scurvy-grass.

INFUSION OF HORSE-RADISH.

Infusum Armoraciae seu Armoraciae compositum seu Seminum Sinapeos seu Raphani. (LOND.; DUBL.; AMER.; GENEV.; HERBIP.; COXE; NIEMANN)

Infusum Armoraciae Compositum. (LOND.; DUBL.)

- R. Fresh Root of Horse- } of each,
 radish, sliced, } one
 Mustard Seeds, bruised, } ounce.
 Boiling Water, one pint.

Macerate for two hours in a lightly covered vessel, and strain. Add

Compound Spirit of Horse-radish, one fluid ounce.

Mix.

NIEMANN gives the same formula.—AMER.; and COXE also give the same, omitting the spirit.

- R. Root of Horse-radish, } of each,
 Seeds of Mustard, } one ounce.
 Conserve of Scurvy-
 grass, }
 Boiling Water, two pounds.

Infuse for twenty-four hours in a covered vessel, and strain. (HERBIP.; NIEMANN)

- R. Root of Horse-radish, } of each,
 Seeds of Mustard, } one ounce.
 Cannella Alba, three drams.
 Boiling Water, one pound and a half.

Infuse for two hours; then strain, and add

Water of Anise, two ounces.

Mix. (GENEV.)

It is excitant, and is recommended in scurvy, palsy, dropsy, and intermittent fevers.—Dose, from one to three ounces.

SYRUP OF HORSE-RADISH.

Syrupus Armoraciae seu Raphani rusticani. (FULD.; LIPP.; SUEC.; WIRTEM.; NIEMANN)

- R. Recently expressed Juice of Horse-
 radish, any quantity.
 White Sugar, a sufficient quantity.

Make a syrup. (SUEC.)

FULD.; and LIPP. prescribe an equal part of each.

- R. Root of Radish, } of each,
 Water, } an equal part.

Triturate together, and express. Add to nine parts of the juice

White Sugar, seven parts.

Make a syrup in a close vessel. (VAN MONS)

CULLEN recommended one dram of horse-radish root, rasped, to be infused in two ounces of hot water, and twice the quantity of sugar to be added to the strained liquor.—Dose, from one to three drams.

ANTI-PARALYTIC INFUSION.

Infusum paralyticum seu ad Paralysisim. (SAUNDERS; SWEDIAUR)

- R. Root of Horse-radish, } of each,
 Seeds of Mustard, } one ounce and
 a half.
 Boiling Water, two pounds.

Macerate for two hours; then strain, and add

Alcohol, two ounces.

Mix.

It is excitant, and is recommended in paralysis.—Dose, four ounces, twice a day.

ANTI-HYDROPIC INFUSION.

Infusum anti-hydropicum seu ad Hydropicos.
(SAUNDERS; SWEDIAUR)

- R. Bitter Infusion, } of each,
Anti-paralytic Infusion, } one pound.
Mix.—Dose, four ounces, twice a day.

ANTI-SCORBUTIC DECOCTION.

Decoctum anti-scorbuticum. (GALL.; BORRIES; CADET DE GASSICOURT; SPIELMANN)

- R. Root of Horse-radish, two ounces.
Water, eighty ounces.

Boil for a quarter of an hour, and add

- Herb of Brooklime, }
Cress, } of each,
Scurvy-grass, } two handfuls.
Sorrel, }

Boil a little, strain, and add

- Vinegar, four ounces.

Mix. (SPIELMANN)

- R. Root of Horse-radish, } of each,
Parele, } half an ounce.
Buckbean, }
Water Cress, } of each, one pinch.
Scurvy-grass, }
Brooklime, }
Water, a sufficient quantity

to produce three glassfuls of decoction.
Add to it when strained

PORTAL'S Anti-scorbutic Syrup
without Sublimate, one ounce.

Mix. (BORRIES)

- R. Root of Patience, } of each,
Burdock, } one ounce.
Water, four pounds.

Boil for twenty minutes, and add

- Root of Horse-radish, one ounce.
Leaves of Scurvy-grass, } of each,
Buckbean, } six drams.
Water Cress, }

Infuse for ten minutes, and strain.
(GALL.; CADET DE GASSICOURT)

It is recommended in tetters, scurvy, and disorders of the lymphatic system.—Dose, several glassfuls in the course of the day.

DIURETIC APOZEM. (PIERQUIN; SAINTE-MARIE)

- R. Root of Horse-radish, from two to four drams.
Juniper, half a pinch.
White Horehound, a large pinch.
Boiling Water, three large glassfuls.

Macerate for an hour, and strain when cold.

To be taken at thrice, in the morning, fasting; adding to each dose, a spoonful of a mixture of four ounces of syrup of squill with four ounces of vinous syrup of seneka.

RESINA ELEMI.—ELEMI.

SYNONIMES:—Elemi, FR.; and DAN.;
Elemiharz, Wildelbaumharz, GERM.;
Goma de lemon, SPAN.

LOND.; DUBL.; AMST.; ANT.; BATAV.;
BAVAR.; BELG.; BRUNS.; DAN.; HISP.;
GALL.; FERR.; FORM. HÔP. FR.; FULD.;
GENEV.; HANN.; HASS.; LIPP.; OLDEN.
DEN.; LUSIT.; POL.; ROSS.; SAX.;
SUEC.; WIRTEM.; HERBIP.; WURCEB.;
BERGIUS.; BRUGNATELLI.; COXE.; GUIBOUT;
MURRAY and GMELIN.; PARIS;
PIDERIT.; SPIELMANN.; ZARDA.

There are two sorts of resins which bear this name.

1. *Elemi orientale*; Oriental or Ethiopian Elemi.—This is of a yellowish colour approaching to green, hard externally, soft internally, of a strong and disagreeable odour resembling that of fennel, and of an aromatic taste.

2. *Elemi occidentale*; Occidental or Spanish Elemi.—This is in round cakes, of a pale yellow colour, semi-transparent, some-

times variegated with white and yellow grains, of a strong and agreeable odour, and of a bitter taste.

The first was attributed to the *Gardenia gummifera*, LINN., a tree of Ceylon (*Fig. Thunb. Diss. No. 4, tab. 2*), and the second to the *Amyris Elemifera*, LINN. (*Fig. Plum. Ic. I. 100*), a tree of New Spain. GUIBOUT has ascertained that both are originally from America, that the resin of the amyris is now no longer met with in commerce, and, that what is, is derived from the *Icica Icicariba*, CAND.

It is excitant.

OINTMENT OF ELEMI.

Unguentum Elemi. (DUBL.)

- R. Elemi Resin, one pound.
White Wax, half a pound.
Prepared Lard, four pounds.

Form an ointment, and strain through a sieve while hot.

COMPOUND OINTMENT OF ELEMI.

Unguentum Elemi compositum.
(LOND.)

R. Elemi,	one pound.
Turpentine,	ten ounces.
Prepared Suet,	two pounds.

Olive Oil, two fluid ounces.

Melt the resin with the suet; then remove the mixture from the fire, add the turpentine and oil immediately, and strain the whole through a linen cloth.

RHAMNUS.

Two species of this genus are employed :

1. *Rhamnus Frangula*, LINN.—Black Alder Tree.

SYNONIMES :—Bourgene, FR.; Faulbaum, GERM.; Tærsttræ, DAN.; Arraclan, SPAN.; Verelboom, DUT.; Frangula, ITAL.; Kruszyna, POL.; Frangulina, PORT.; Brakvæd, SWED.

GALL.; FORM. HÔP. FR.; GENEV.; WIRTEM.; HERBIP.; BERGIUS; MURRAY and GMELIN; SAUNDERS; SPIELMANN.

A shrub of the north of Europe. (*Pentandria Monogynia*, LINN.; *Rhamnea*, JUSS.; *Fig. Nouv. Duh. III. t. 15*)

The bark (*Cortex Frangulae seu Abni nigra baccifera*) is employed. It is of a deep green colour spotted with white. It appears yellow when the epidermis is removed, and of a brownish-red after desiccation. It is without odour, but has a bitterish taste.

It is laxative.—The berries have also the same property.

2. *Rhamnus cathartica*, LINN.—Buckthorn.

SYNONIMES :—Nerpfun, FR.; Gemeine Kreuzdorn, Færbebere, GERM.; Psygahody, Rzesetlak, BOHEM.; Korsbær, Vrietorn, DAN.; Ramno catartico, SPAN.; Purgeerende wegedoorn, DUT.; Spino cervino, ITAL.; Szaklak kzewia, POL.; Espinha cervina, PORT.; Getappel, Safftyært, SWED.

LOND.; DUBL.; EDINB.; AMER.; AMST.; ANT.; AUSTR.; BELG.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FORM. HÔP. FR.; GENEV.; HANN.; LIPP.; LUSIT.; SAX.; SUEC.; WIRTEM.; BORIES; COXE; GUIBOUT; MURRAY and GMELIN; SAUNDERS; SPIELMANN; ZARDA.

A shrub which grows in every part of Europe. (*Pentandria Monogynia*, LINN.; *Rhamnea*, JUSS.; *Fig. Nouv. Duh. III. t. 10*)

The fruit (*Bacca Spinae cervinae seu domesticae*) is employed. It consists of berries of the size of a pea, round, shining, and blackish, enclosing four grains in the middle of a succulent pulp. They have a disagreeable odour, and a bitter, nauseous, and acrid taste.

They contain, according to VOGEL, a peculiar colouring principle, *Rhamnium*.

It is a very strong purgative, and has been much extolled in dropsy.

JUICE OF BUCKTHORN.

Succus Rhamni cathartici seu Spinae cervinae.
(GALL.; SARD.)

- R. Ripe Buckthorn Berries, any quantity.

Bruise them with the fingers, and leave the mass to ferment for three or four days; then express, and preserve the juice in bottles, under a stratum of oil.

Dose, from two to four drams.

ROB OF BUCKTHORN.

Rob Spinae cervinae. (AUSTR.; GALL.; HERBIP.)

- R. Ripe Buckthorn Berries, any quantity.

Bruise them, and leave the mass for three days till fermentation has commenced; then express strongly, strain the juice through flannel, decant at the end of three or four hours, and evaporate slowly to the consistence of an extract. (GALL.)

- R. Juice of Buckthorn Berries,
one pound.

Boil it to the consistence of honey, adding towards the end

Sugar, two ounces.

AUSTR. prescribes one part of sugar and nine parts of juice.

Dose, from a scruple to a dram and a half.

SYRUP OF BUCKTHORN.

Syrupus Rhamni seu Rhamni cathartici seu domesticae seu de Spina cervina. (LOND.;

DUBL.; EDINB.; AMER.; AMST.; ANT.; BELG.; BRUNS.; GALL.; FORM. HOP. FR.; GENEV.; HANN.; LIPP.; LUSIT.; PALAT.; SARD.; WIRTEM.; HERBIP.; COXE; SPIELMANN; SWEDIAUR; VAN MONS)

Syrupus Rhamni cathartici. (EDINB.)

R. Clarified Juice of ripe Buckthorn Berries, two parts.
Refined Sugar. one part.

Boil to a syrup.

GALL. prescribes an equal part of each.—AMER.; ANT.; LUSIT.; and COXE—four parts of juice and two of sugar.—HERBIP.—six of juice and four of sugar.—AMST.; and BELG.—sixteen ounces of juice and two pounds and a half of sugar.—FORM. HOP. FR.—three parts of juice and four of sugar.—SWEDIAUR—seven pounds and a half of juice and three and a half of sugar.—GENEV.—six pounds of juice and three of sugar.—LIPP.—one part of juice and one and a half of sugar.

SWEDIAUR allows a pound of tincture of pimenta to be added.

Syrupus Rhamni.

R. Fresh Juice of Buckthorn Berries, four pints
Ginger, sliced, } of each,
Pimenta Berries, } half
bruised, } an ounce.
Refined Sugar, three pounds and a half.

Set apart the juice that the feculencies may subside, and strain it. To one pint of this juice add the ginger and pimenta, macerate in a gentle heat for four hours, and strain; boil the remainder of the juice down to a pint and a half; then mix the liquors, add the sugar, and boil to a syrup. (LOND.)

R. Fresh Juice of Buckthorn Berries, two pints and a half.
Ginger, sliced, } of each,
Pimenta Berries, } two drams.
bruised,

Refined Sugar, three pounds and a half.

Set apart the juice for three days that the faeces may subside, and strain. Add to one pint and a half of it the ginger and pimenta, and strain after four hours' maceration in a gentle heat: then add the remainder of the juice and the sugar, and boil to a syrup. (DUBL.)

R. Ripe Buckthorn Berries, sixteen pounds.

Express the juice; cover the residue with boiling water, macerate it for twenty-four hours, and strain with expression. Mix the liquors, and add

White Sugar, eight pounds.

Clarify with white of egg, and boil to the consistence of syrup. When this is cold, add to it, triturated with sugar,

Oil of Cinnamon, }
— Cloves, } of each, one scruple.
— Mace, }

Mix well. (VAN MONS)

R. Depurated Juice of Buckthorn Berries, twenty ounces.
White Sugar, thirty-two ounces.

Boil to the proper consistence, adding towards the end, contained in a bag,

Anise, } of each, three drams.
Mastic, }
Ginger, } of each,
Cinnamon, } one dram and a half.
Cloves, }

Preserve. (BRUNS.; HANN.; WIRTEM.; SPIELMANN)

PALAT. prescribes one pound of juice, two pounds of sugar, and one dram each, of the aromatics.—SARD.—an equal part each, of the juice and of sugar, two drams each, of anise and of mastic, and one dram each, of ginger, of cinnamon, and of cloves.

Dose, from half an ounce to one ounce.

PURGATIVE POTION. (DISP. CHA. PARIS)

R. Decoction of Prunes, four ounces.
Syrup of Buckthorn, one ounce.
Mix.

RHEUM.—RHUBARB.

SYNONIMES:—*Rhabarbarum*.—Rhubarbe, FR.; Rhabarber, DAN.; GERM.; DUT.; and SWED.; Rawend, ARAB.; Rabarbara, BOHEM.; Tayhuam, Hay-hoang, CHIN.; Ta hoam, COCHIN.; Rewund chini, DUK.; Ruibarbo, PORT.; and SPAN.; Reywan chinie, HIND.; Rabarbaro, ITAL.; Schara modo, MO.; Reywand, PERS.; Korzen Rabarbarowy, POL.; Variatu kalung, TAM.; Dschunza, THIB.

The pharmacopœias principally designate under this name the two following substances:

A.

Official Rhubarb.

LOND.; DUBL.; EDINB.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; MIL. COPEN.; HISP.; GALL.; FENN.; FERR.; FORM. HÔP. FR.; FULD.; GENEV.; HAMB.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; PALAT.; POL.; CAST. BORUS.; BORUS.; ROSS.; SAX.; SEEC.; WIRTEM.; HERBIP.; WURCEB.; AINSLIE.; BERGIUS.; BRUGNATELLI.; COXE.; GUIBOURT.; MURRAY and GMELIN.; PARIS.; PIDERIT.; SAUNDERS.; SPIELMANN.; ZARDA.

There are several kinds of officinal rhubarb:

1. Indian or Chinese Rhubarb; *Rheum seu Rhabarbarum verum seu Indicum seu Sinense seu Chinense seu Danicum*.—This is in round pieces, of a dull yellow colour externally, of a compact texture, brownish-yellow and veined internally, and of a bitter taste. It grits between the teeth, and tinges the saliva with orange-yellow. The powder is between a fawn and an orange colour. It comes from China by Canton.

2. Russian, Tartarian, or Bucharian Rhubarb; *Rheum seu Rhabarbarum Tartaricum seu Moscoviticum seu Russicum*. This is in flattish, irregular, angular pieces, pierced with large holes, of a pure yellow colour externally, less compact than the preceding, presenting red and white veins, very distinct and irregular. It has a very decided odour, and a bitter and astringent taste. It tinges the saliva with saffron-yellow, and grits between the teeth. Its powder is of a purer yellow than that of the preceding. This is the kind which is most esteemed, though the Chinese is also valued highly when perfectly sound. This also comes from China, but by Kiachta in Siberia.

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GUIBOURT thinks these two varieties are furnished by the *Rheum palmatum*, LINN. (*Fig. Flore Medic. VI. 297*), which grows in the environs of Kian-Sin and Chan-Sin in Chinese Tartary. PFAFF does not reject this origin, but still thinks it doubtful.

Another kind is also met with in commerce:

3. European Rhubarb; *Rheum seu Rhabarbarum Britannicum seu Gallicum seu nostras*; it comes from the *Rheum undulatum, compactum*, and also *palmatum*, cultivated in various countries of Europe, in England, France, and Germany.—This differs from the two preceding, by its characters both physical and chemical, and presents generally, with a few slight modifications, those of the second variety of the *Rheum Rhaponticum*, which is equally indigenous.

Oriental rhubarb contains, according to HENRI, a peculiar colouring principle, *Rhabarbarine* or *Caphopicroite*, a fixed oil, supermalate of lime, gum, starch, oxalate of lime, which makes one third of its weight, &c. It is from the presence of this last mentioned salt that it grits between the teeth. HORNEMANN considers *rhabarbarine* to be an impure substance; he attributes another peculiar principle to rhubarb, which he calls *Rheumine*, and which approximates to the acids although it is very different to the *Rheumatic acid* admitted by HENDERSON, but of which the existence has not been fully established. He has also discovered in it a saccharine substance the presence of which has been also ascertained by MEISSNER.

Rhubarb is tonic or purgative, according to the dose; it is tonic in that of from five to ten grains, and purgative in that of from eighteen to twenty-four or more.

B.

Pontic Rhubarb; Rheum Rhaponticum,—LINN.

SYNONIMES:—Rhapontic, FR.; and DUT.; Pontischer Rhabarber, GERM.; Reupontykum, Zemezuc wetssj, BOHEM.; Rappontico, ITAL.; PORT.; and SPAN.

BRUNS.; HISP.; FERR.; FORM. HÔP. FR.; WIRTEM.; HERBIP.; BELG.; BRUNS.; GUIBOURT.; MURRAY and GMELIN.; SPIELMANN.; ZARDA.

A plant originally of the south of Russia, and cultivated in France. (*Enneandria Trigynia*, LINN.; *Polygonæa*, JUSS.; *Fig. Flore Medic. VI. 296*)

3 R

The root (*Radix Rhapontici veri* seu *Rhabarbari Rhapontici*) is employed. It is presented in two different forms; one of the varieties is as large as the first, or less, of a ligneous appearance, of a reddish-grey colour externally, veined, when broken transversely, with red and white, forming very close striae, radiating from the centre to the circumference; it has a very astringent and mucilaginous taste, and tinges the saliva yellow, but does not grit between the teeth; its odour is analogous to that of rhubarb but is more disagreeable; its powder is yellow with a reddish tinge. The other variety is about three or four inches in length and two or three in thickness, of a less ligneous appearance, of a light yellow colour, purer or less reddish; its fracture presents a radiated appearance, its taste is astringent, and mucilaginous, its odour is similar to that of rhubarb, and it does not grit between the teeth.

It contains, according to HENRI, much more starch, and less oxalate of lime than rhubarb, and also more colouring principle, which in this is red. HORNEMANN has discovered a peculiar substance in it which he calls *Rhaponticine*.

It is tonic and laxative.

The following is the only formula of the Pontic rhubarb:

EXTRACT OF PONTIC RHUBARB.

Extractum Rhapontici. (FORM. HÔP. FR.)

R. Dried Root of Pontic Rhubarb, one part.
Cold Water, four parts.

Infuse for twenty-four hours, then strain with slight expression, and infuse the residue in

Cold Water, two parts.

Strain. Mix the infusions, and evaporate in a water-bath to the consistence of an extract.

I. *Preparations which contain Rhubarb in substance.*

TORRIFIED RHUBARB.

Rhabarbarum tostum. (HISP.; LUSIT.; SARD.)

R. Rhubarb, in powder, any quantity.

Expose it in a shallow iron pan to the heat of a moderate fire, constantly stirring it with a spatula, till it has acquired a brown colour; then let it cool, and preserve it.

DIATURBITH SPECIES WITH RHUBARB.
(PALAT.; WIRTEM.; VAN MONS)

R. Rhubarb, } of each, two ounces.
Indian Jalap, }

Hermodactyls, } one ounce.
Sulphuretted Scammony, } of each,
Supertartrate of Potass, } half an
Seeds of Violet, } ounce.

Make a powder, and add,

Oil of Cinnamon, ten drops.

Preserve. (PALAT.; WIRTEM.)

R. Cinnamon, one part.
Ginger, } of each, three parts.
Seeds of Anise, }
Scammony, four parts.
Hermodactyls, } of each, eight parts.
Indian Jalap, }
Rhubarb, ten parts.

Make a powder. (VAN MONS)

Dose, from one to two scruples. It is purgative and anthelmintic.

ABSORBENT POWDER. (ELLIS)

R. Prepared Crab's Claws, one dram.
Rhubarb, two scruples.

Mix, and divide into four parcels.—Dose, one or two in the day.

STIMULANT POWDER. (ELLIS)

R. Rhubarb, } of each, one dram.
Ipecacuanha, }

Mix.—It is applied with advantage to indolent ulcers.

POWDER OF RHUBARB AND OF SUPERTARTRATE OF POTASS.

Pulvis Rhei cum Tartaro, Pulvis catharticus seu Rhei compositus seu lenitivus seu lenitivus tartarisatus. (MIL. COPEN.; FULD.; HANN.; SAINTE-MARIE; PH. SYPH.)

R. Rhubarb, } of each,
Supertartrate of Potass, } half an ounce.
Make a powder. (MIL. COPEN.)

Dose, a scruple.

PH. SYPH. prescribes twenty grains of rhubarb, and ten of supertartrate, for one dose.—SAINTE-MARIE—an equal part each, of rhubarb and of tartarate of potass.

R. Rhubarb, } of each,
Supertartrate of Potass, } one ounce.
Orange Peel, }

Make a powder. (HANN.)

FULD. prescribes two drams of rhubarb, half an ounce of supertartrate and four scruples of orange peel.

Dose, from half a dram to one dram.

POWDER OF RHUBARB AND OF SULPHATE OF POTASS.

Pulvis Rhei compositus seu anti-hecticus seu purgans. (CAST. BORUS.; SAUNDERS; SWEDIAUR)

R. Rhubarb, six grains.
Sulphate of Potass, twelve grains.
Make a powder. (SPIELMANN)

CAST. BORUS. prescribes one part of rhubarb and three parts of sulphate.

R. Rhubarb, half a dram.
Sulphate of Potass, ten grains.
Scammony, eight grains.
Oil of Fennel, one drop.

Make a powder. (SARD.)

POWDER OF RHUBARB AND OF MAGNESIA.

Pulvis Puerorum epilepticus cum Rheo seu catharticus absorbens seu laxans seu Infantum cum Rheo seu Magnesia compositus seu Rhei salinus seu Rhei cum Magnesia seu digestivus seu e Rheo. (BRUNS.; DAN.; MIL. COPEN.; FERR.; GENEV.; LIPP.; SUEC.; ELLIS; NIEMANN; SAUNDERS; SWEDIAUR)

R. Rhubarb, one part.
Subcarbonate of Magnesia, three parts.
Make a powder. (SAUNDERS; SWEDIAUR)

SUEC. prescribes an equal part of each.—GENEV.—one of rhubarb and four of magnesia.—FERR.—one of rhubarb and eight of subcarbonate of magnesia.

R. Rhubarb, one scruple.
Magnesia, half a dram.
Oil of Cinnamon, one drop.
Mix.—To be taken in syrup. (ELLIS)

R. Rhubarb, half an ounce.
Subcarbonate of Magnesia, } of each,
Fennel, } two
White Sugar, } drams.

Mix. (SUEC.)

BRUNS. prescribes one ounce each, of rhubarb and of magnesia, two drams of fennel, and half an ounce of sugar.

R. Rhubarb, } of each,
Subcarbonate of Magnesia, } an equal
Oleosaccharum of Fennel, } part.

Make a powder. (DAN.; MIL. COPEN.)
Dose, one scruple.

R. Rhubarb, half an ounce.
Misteloe, } of each, six drams.
Liquorice, }
Subcarbonate of Magnesia,
two ounces and a half.

Make a powder. (LIPP.; NIEMANN)

Dose, from a scruple to half a dram.

SAPONACEOUS POWDER OF RHUBARB.

Pulvis ad Tormina Infantum. (AUGUSTIN; SPIELMANN)

R. Rhubarb, half a dram.
Soap, one dram.

Crab's eyes, half an ounce.
Anise, } of each, one scruple.
Cumin, }
Saffron, four grains.
White Sugar, three drams.

Mix. (SPIELMANN)

R. Medicinal Soap, from ten to twenty grains.

Subcarbonate of Mag- } of each,
nesia, } half a dram.
Sugar, }
Rhubarb, }

Mix. (AUGUSTIN)

BOLUSES OF RHUBARB.

Boli e Rheo. (FORM. HÔP. FR.; SAUNDERS; SWEDIAUR)

R. Rhubarb, half a dram.
Simple Syrup, a sufficient quantity.

Mix. (SAUNDERS; SWEDIAUR)

Five grains of protochloruret of mercury or ten grains of jalap may be added if required.

R. Rhubarb, one part.
Sulphate of Soda, two parts.

Make a bolus with a little water. (FORM. HÔP. FR.)

ASTRINGENT BOLUS.

Bolus ad Diarrhœam seu e Rheo sedativus. (SAUNDERS; SWEDIAUR)

R. Rhubarb, fifteen grains.
Dioscoridium, half a dram.
Simple Syrup, a sufficient quantity.
Make a bolus. (SAUNDERS)

R. Rhubarb, twelve grains.
Aromatic Powder, three grains.
Tincture of Opium, twenty drops.
Syrup, a sufficient quantity.

Mix. (SWEDIAUR)

RESOLVENT BOLUSES.

Boli resolventes et purgantes. (BRERA)

R. Rhubarb, one dram.
Venice Soap, one dram and a half.
Rob of Elder, a sufficient quantity,
to make eight boluses.—Dose, one every two hours.

PILLS OF RHUBARB.

Pilule Rhei. (LIPP.; SAUNDERS)

R. Rhubarb, any quantity.
Infusion of Rhubarb,
a sufficient quantity.

Make a pilular mass.—Dose, from ten to thirty grains.

RESOLVENT PILLS.

Pilula resolventes cum Rheo seu e Rheo aceto seu ephracticæ. (LIPP.; CAST. BORUS.; WURCEB.; ELLIS; SAINTE-MARIE)

R. Rhubarb, } of each,
Acetate of Soda, } two drams.
Inspissated Ox-gall, }
Gum Arabic, half a dram.

Make pills of two grains each. (CAST. BORUS.; WURCEB.)

R. Rhubarb, one dram and a half.
Venice Soap, four drams.
Spirit of Turpentine, a sufficient quantity.

Make pills of five grains each. (SAINTE-MARIE)

R. Inspissated Ox-gall, } of each,
Gum Ammoniac, } one ounce.
Rhubarb, }

Make pills of two grains each. (LIPP.)

R. Rhubarb, one dram.
White Soap, ten grains.
Water, a sufficient quantity.

Make fifteen pills.—Dose, four. (ELLIS)

R. Rhubarb, one dram and a half.
Sulphate of Iron, half a dram.
White Soap, two scruples.
Water, a sufficient quantity.

Make forty pills. (ELLIS)

BITTER PILLS. (VAN MONS)

R. Extract of Gentian, } of each,
White Soap, } one part.
Rhubarb, one part and a half.

Make a pilular mass.

ABSORBENT PILLS.

Pilule Rhabarbarinæ antacidæ. (SWEDIAUR)

R. Rhubarb, } of each, two drams.
Magnesia, }
Extract of Gentian, a sufficient quantity.

Make pills of five grains each.

STIMULANT PILLS.

Pilula roborantes ad Blennorrhæam. (PH. SYPH.; SAUNDERS)

R. Rhubarb, one dram.
Turpentine, two drams.
Make thirty-six pills. (SAUNDERS)

R. Rhubarb, } of each, one ounce.
Gum Ammoniac, }
Copaiba, a sufficient quantity.

Make pills of four grains each. (PH. SYPH.)

STOMACHIC ELECTUARY.

Electuarium stomachicum. (SWEDIAUR)

R. Rhubarb, one dram and a half.
Root of Arum, } of each,
Aromatic Powder, } one dram.
Black Oxide of Iron, one scruple.
Conserve of Orange Peel, two ounces.
Syrup of Orange Peel, a sufficient quantity.

Mix.—Dose, the volume of a nutmeg, twice a day.

ANTI-DYSENTERIC ELECTUARY. (CADET DE GASSICOURT)

R. Confection of Catechu, two ounces.
LOCATELLI'S Balsam, one ounce.
Rhubarb, half an ounce.
Syrup of Marshmallows, a sufficient quantity.

Mix.—Dose, the same as the preceding.

PURGATIVE MARMALADE.

Conditum purgativum, Pullicula saponacea. (SAUNDERS; SAINTE-MARIE; SPIELMANN)

R. Sulphate of Potass, one dram.
Supertartrate of Potass, half an ounce.
Rhubarb, one dram and a half.
Pulp of Tamarinds, two ounces.

Mix. (SAUNDERS).—Dose, a tea spoonful.

R. Soap, half a dram.
Mint Water, three drams.

Dissolve, and add

Yolk of Egg, one dram.
Subcarbonate of Magnesia,

Rhubarb, two scruples.
Syrup of Marshmallows, one scruple.
Chamomile, } of each,
two drams.

Mix. (SPIELMANN)

It is recommended in infants' colic.

R. Rhubarb, } of each,
Supertartrate of Potass, } two drams.
Pulp of Prunes, eight ounces.
Syrup of Quince, a sufficient quantity.

Mix. (SAINTE-MARIE)

Dose, four tea spoonfuls, daily.

VERMIFUGE RAISINS.

Passula anthelminticæ. (PARIS)

R. Corinth Raisins, half a pound.
Rhubarb, in a bag, half an ounce.
Corsican Moss, one ounce.
Purslain Water, four ounces.

Put the mixture into an oven after the bread has been taken out, and leave the vessel in it till the raisins are swollen and soft.

TROCHISCS OF RHUBARB.

Tabella de Rheo seu Diarrhodon cum Rhabarbaro. (GALL.; SARD.)

R. Rhubarb, half an ounce.
Mucilage of Tragacanth, made
with cinnamon water,
a sufficient quantity.

Make trochiscs of twelve grains each.
(GALL.)

R. Diarrhodon Powder, } of each, one
Rhubarb, } ounce and a half.
White Sugar, } one pound.
Mucilage of Tragacanth,
a sufficient quantity.

Make trochiscs. (SARD.)

R. Rhubarb, } of each,
Supertartrate of Potass, } two drams.
Fresh Orange Peel, } half a dram.
Sugar, dissolved in Orange-flower
Water, } four ounces.

Make trochiscs. (BRUNS.)

PURGATIVE POTION.

Haustus catharticus pro Infantibus. (PIERQUIN; SWEDIAUR)

R. Rhubarb, twelve grains.
Cichory Water, three ounces.
Syrup of Cichory, one ounce.

Mix.—To be taken by spoonfuls; for a
child of nine or ten years old. (PIERQUIN)

R. Rhubarb, eight grains.
Subcarbonate of Lime, ten grains.
Water, three drams.
Cinnamon Water, two drams.
Simple Syrup, one dram.

Mix.—To be taken as the preceding.
(SWEDIAUR)

PURGATIVE AND VERMIFUGE POTION.
(PIERQUIN)

R. Cinnabar, ten grains.
Resin of Guaiac, } of each, five grains.
Jalap, }

Rhubarb, one dram.
Deutoxide of Antimony, fifteen grains.
Compound Syrup of Cichory,
six drams.

Water of Cichory, two ounces.

Mix.

BITTER MIXTURE.

Mixtura amara cum Rheo. (SWEDIAUR)

R. Sulphate of Potass, half an ounce.
Rhubarb, } of each,
Extract of Gentian, } two drams.
Peppermint Water, } eight ounces.

Dissolve, and mix. To be taken by
spoonfuls.

II. *Preparations which contain the active principle of Rhubarb without the vehicle employed to extract it.*

AQUEOUS EXTRACT OF RHUBARB.

Extractum Rhei seu Rhabarbari. (AMST.; BAVAR.; BRUNS.; DAN.; HISP.; GALL.; FERR.; GENEV.; HANN.; LIPP.; OLDEN.; PALAT.; BORUS.; SARD.; SUEC.; WIRTEM.; VAN MONS)

R. Rhubarb, sliced, any quantity.
Cold Water, a sufficient quantity,

to cover it. At the end of twenty-four hours, add more water so as to make up thrice the weight of the rhubarb, and strain without expression; pour upon the residue an equal weight of water, and express slightly. Mix the two strained liquors, clarify with white of egg, and evaporate to the consistence of thick extract. (VAN MONS)

BAVAR. directs one part of rhubarb to be macerated in five parts of cold water, at twice, and each time for twenty-four hours.

R. Rhubarb, one pound.
Spring Water, six pounds.

Macerate for four hours in a warm place, and then boil a little. Express, and evaporate the liquor. (BRUNS.; HISP.; PALAT.; WIRTEM.; FERR.)

R. Rhubarb, one pound.
Boiling Water, sixteen pounds.

Digest for twenty-four hours; then set aside and strain; pour upon the residue

Boiling Water, eight pounds,
and strain again at the end of twenty-four hours. Mix, and evaporate the liquors to the proper consistence. (AMST.; SARD.)

R. Rhubarb, one part.
Boiling Water, eight parts.

Boil slightly for a quarter of an hour, and express; boil the residue with

Water, four parts,
and strain again. Mix and decant the liquors, and finally evaporate. (DAN.; HANN.; LIPP.; OLDEN.; BORUS.)

SUEC. prescribes three or four successive ebullitions with three parts of water each time.

R. Rhubarb, one pound.
Cold Water, four pounds.

Macerate for twenty-four hours, occasionally stirring, and strain; pour fresh water upon the rhubarb, macerate in the same manner, and express lightly. Mix the liquors, strain again, and evaporate to the proper consistence in a water-bath. (GALL.)

R. Rhubarb, two pounds.
Cold Water, twelve pounds.

Macerate for twenty-four hours, occasionally stirring, and strain; macerate the residue in

Cold Water, eight pounds,
and strain again. Mix the liquor, and evaporate in a water-bath to the consistence of syrup; then pour the liquor into dishes to about the depth of two lines, and evaporate to dryness, in an oven or water-bath, then detach the scales. (GALL.)

This is the *Essential Salt of Rhubarb*.
Dose, from fifteen to twenty grains.

ALCOHOLIC EXTRACT OF RHUBARB.

Extractum Rhei seu Rhabarbari alcoholicum. (LOND.; DUBL.; FULD.; LUSIT.; POL.; SAX.; HERBIP.; COXE)

Extractum Rhei. (LOND.; DUBL.)

R. Rhubarb, in Powder, one pound.
Proof Spirit, one pint.
Water, seven pints.

Macerate for four days in a moderate heat; then strain the liquor, and set it apart that the feculencies may subside. Pour off the clear liquor, and evaporate it to the proper consistence.

R. Rhubarb, sliced, } of each,
Alcohol, } two pounds.
Water, } nine pounds.

Digest for twelve hours, and express; distil off the alcohol, and evaporate the residue to the consistence of an extract. (POL.)

FULD.; and HERBIP. prescribe one pound of rhubarb, one of alcohol, and eight pounds of water; to be digested for three days.—SAX.—two parts of rhubarb, three of alcohol, and nine of water; to be digested for twenty-four hours.—COXE gives the same formula as LOND.

R. Rhubarb, in powder, one pound.
Alcohol, four pounds.

Digest for four days, and decant; boil the residue with

Water, ten pounds,
till reduced to two: strain the decoction and evaporate; then distil the tincture to the consistence of honey, mix it with the evaporated decoction, and evaporate the mixture, constantly stirring, to the proper consistence. (LUSIT.)

It is to be taken at the same dose as the preceding.

COMPOUND EXTRACT OF RHUBARB.

Extractum Rhei compositum seu catholicum seu panchymagogum seu cnico-pharmacum.

(DAN.; OLDEN.; PALAT.; POL.; BORUS.; SAX.; NIEMANN.; PIDERIT)

R. Extract of Rhubarb, three ounces.
Aloes, one ounce.

Soften them in alcohol in a vessel placed in a water-bath, and evaporate to the consistence of pilular mass. (POL.)

R. Extract of Rhubarb, three ounces.
Aloes, one ounce.

Mix, and add

Soap of Jalap, dissolved in alcohol, one ounce.

Evaporate in a water-bath to a proper consistence. (OLDEN.; BORUS.; SAX.; NIEMANN)

DAN. prescribes two ounces of extract of rhubarb, five drams of extract of aloes, and one ounce of soap of jalap, dissolved in alcohol.

R. Extract of Rhubarb, two ounces.
Aqueous Extract of Aloes, half an ounce.

Extract of Black Hellebore, one dram thirty-six grains.

Mix in a heated mortar with

Resin of Jalap, in powder, two drams twenty-four grains.

Preserve for use. (PIDERIT)

R. Rhubarb, one ounce.
Seeds of Distaff-thistle, four ounces.
Polypody of the Oak, two ounces.
Ginger, two drams.
Senna, } of each, two
Indian Jalap, } ounces and a half.
Agaric, six drams.
Scammony, ten drams.
Manna, two ounces and a half.

Infuse the agaric, scammony, and jalap, at several times in two pounds of alcohol, in order to exhaust them; then macerate the others in three pounds of water, and boil to the consumption of one third, adding towards the end the residue of the spirituous extraction: then express, dissolve the manna in the liquor, clarify the solution, mix it with the spirituous extract, dissipate the alcohol with a gentle heat, and evaporate to the consistence of soft extract. (PALAT.)

It is purgative.—The dose of the last is from a scruple to half a dram, without manna, and from a dram to four scruples with manna.

III. Preparations which contain the active principle of Rhubarb with the vehicle employed to extract it.

A.

Extraction by water.

INFUSION OF RHUBARB.

Infusum Rhei seu Rhabarbari, Tinctura

Rhei aquosa, Anima Rhei. (LOND.; DUBL.; EDINB.; AUSTR.; BAVAR.; GENEV.; HAMB.; LUSIT.; HERBIP.; BRERA; BRUGNATELLI; COXE; DISP. CHA. PARIS; NIEMANN; RATIER)

Infusum Rhei.

R. Rhubarb, sliced, one dram.
Boiling Water, half a pint.

Macerate for two hours in a lightly covered vessel, and strain. (LOND.; DUBL.)

R. Rhubarb, sliced, half an ounce.
Boiling Water, eight ounces.
Spirit of Cinnamon, one ounce.

Macerate the rhubarb with the water for twelve hours in a lightly covered vessel; then add the spirit, and strain. (EDINB.)

DISP. CHA. PARIS; and NIEMANN give the same formula as LOND.—BAVAR. prescribes one part of rhubarb and twelve parts of water.—AUSTR.—half an ounce of rhubarb and half a pound of water.—BRUGNATELLI—three ounces of rhubarb and two pounds and a half of water.—RATIER—one ounce of rhubarb and two pounds of water.—HAMB.—one ounce of rhubarb, and a sufficient quantity of water to obtain eight ounces of strained infusion.—BRERA—three drams of rhubarb and six ounces of water. LUSIT.; and COXE give the same formula as EDINB.—HERBIP. prescribes three drams of rhubarb, half a pound of water, and six drams of spirit of cinnamon.

R. Rhubarb, in powder, one ounce.
Peppermint Water, twelve ounces.
Digest in a gentle heat, and strain. (GENEV.)

It is tonic and slightly purgative; and is recommended in some chronic diseases, and in convalescence from acute affections of which the digestive organs have not been the seat.

TONIC POTION.

Infusum Rhei amarum, Decoctum amararomaticum laxativum. (ANT.; BRERA)

R. Bitter Decoction, one pound.
Infusion of Rhubarb, four ounces.
Peppermint Water, one ounce.

To be taken gradually. (BRERA)

R. Rhubarb, three drams.
Orange Peel, half a dram.
Peppermint Water, four ounces.

Mix with the strained liquor,
Extract of Lesser Centaury,
two drams.

To be taken in the course of the day.
(AUGUSTIN)

EXCITANT AND RESOLVENT POTION.

Haustus incitans et resolvers. (BRERA)

R. Rhubarb, one dram.
Decoction of Cinchona, eight ounces.

Infuse, and add when strained,

Camphor, triturated with Mucilage
of Gum Arabic, half a dram.
Sulphuric Æther, thirty drops.
Syrup of Orange Peel, one ounce.

Mix.—Dose, two spoonfuls every two hours.

LAXATIVE AND SEDATIVE POTION.

Infusio laxativa sedans. (BRERA)

R. Infusion of Rhubarb, six ounces.
Syrup of Acetate of Morphine,
one ounce.

Mix.—To be taken at twice; for irritable subjects.

R. Infusion of Rhubarb, six ounces.
Peppermint Water, one ounce.
HOFFMANN'S LIQUOR, one scruple.

Mix.—To be taken at four doses.

LAXATIVE AND RESOLVENT POTION.

Potio resolvers et laxans. (BRERA)

R. Infusion of Rhubarb, eight ounces.
Subcarbonate of Potass, three drams.
Compound Syrup of Cichory,
one ounce.

Mix.—To be taken at twice or thrice.

DECOCTION OF RHUBARB.

Decoctum Rhabarbari, Anima Rhabarbari.
(HISP.)

R. Rhubarb, bruised, two drams.
Water, eight ounces.

Boil a little, and strain.—For one dose.

SYRUP OF RHUBARB.

Syrupus Rhei seu Rhei palmati seu de Rho seu de Rhabarbaro. (AMER.; ANT.; BATAV.; BAVAR.; BELG.; FENN.; HASS.; LUSIT.; SUC.; COXE; SWEDIAUR; VAN MONS)

R. Infusion of Rhubarb, one part.
White Sugar, two parts.

Make a syrup. (FENN.; HASS.; LUSIT.; SUC.)

R. Rhubarb, sliced, one part.
Boiling Water, twelve parts.

Infuse for twelve hours at the temperature of from 30 to 40 degrees, and add to one part of strained liquor,

White Sugar, two parts.
 Make a syrup. (AMER.; BAVAR.; COXE)
 R. Rhubarb, sliced, one part.
 Water, eight parts.

Infuse; repeat the infusion in the same quantity of water, mix the strained liquors, and add

White Sugar, fourteen parts.
 Clarify with white of egg, and boil to the consistence of syrup. (SWEDIAUR; VAN MONS)

R. Rhubarb, sliced, eight ounces.
 Water, four pounds.

Infuse for twenty-four hours, and to the liquor depurated by repose, add

White Sugar, four pounds.
 Add to the residue
 Water, four pounds.

Infuse, gradually increasing the heat to ebullition; strain with expression, and add to the liquor

White Sugar, four pounds.
 Clarify, evaporate, and mix the syrup, when half cold, with the former. (ANT.)

R. Rhubarb, sliced, three ounces.
 Boiling Water, two pounds.

Macerate for twelve hours, and then boil a little; express, filter, set aside, decant, and add

White Sugar, two pounds.
 Make a syrup with a gentle heat. (BATAV.; BELG.)

AROMATIC SYRUP OF RHUBARB.

Syrupus Rhei aromaticus. (AMER.; GALL.; POL.; COXE)

R. Rhubarb, three ounces.
 Cinnamon, six drams.
 Boiling Water, two pounds.

Digest for one night; strain in the morning, and add to twenty ounces of strained infusion

White Sugar, three pounds.
 Make a syrup. (POL.)

R. Rhubarb, in powder, ten drams.
 Seeds of Coriander, } of each,
 Fennel, } half a dram.
 Water, twelve ounces and a half.

Put the mixture into a bottle which it fills to the neck, plunge it into a water-bath, and let this boil for twenty minutes; then remove the bath from the fire, let it gradually cool, withdraw the bottle, decant the liquor at the end of twenty-four hours, strain, and add to it

White Sugar, twenty-five ounces.
 Dissolve in a water-bath. (GALL.)
 R. Rhubarb, five drams.

Cloves, } of each, half an ounce.
 Cinnamon, }
 Nutmegs, two.
 Water, one pint.
 Digest; then evaporate to one half, and add
 Sugar, one pound.
 Proof Spirit, half a pint.
 Boil a little. (AMER.; COXE)

COMPOUND SYRUP OF RHUBARB.

Syrupus de Rho seu de Cichorio compositus.
 (AMER.; AMST.; AUSTR.; BRUNS.; HISP.; GALL.; GENEV.; HANN.; PALAT.; SARD.; WIRTEM.; HERBIP.; BORRIES; PIDERIT)

R. Fresh Herb of Cichory, four ounces.
 Water, four pounds.

Boil to the consumption of one third, adding towards the end

Rhubarb, sliced, four ounces.
 Express, and add to the liquor
 White Sugar, four pounds.

Clarify, and boil to the consistence of syrup. (HISP.)

R. Fresh Herb and Root of Cichory, two ounces.
 Water, three pounds.

Boil to the consumption of one third, and add

Rhubarb, sliced, three ounces.
 Digest for twelve hours, and strain after a slight boiling; to the strained liquor, depurated by repose, add

White Sugar, three pounds.
 Boil to a syrup. (AMST.)

R. Depurated Juice of Cichory, two pounds.
 Rhubarb, sliced, two ounces.

Digest for one night in warm ashes; express in the morning, and digest the residue with

Boiling Water, two pounds.
 After a short boiling, express; mix the liquors together, and add
 Simple Syrup, three pounds.

Make a syrup. (SAUNDERS)

R. Root of Cichory, six ounces.
 Leaves of Cichory, nine ounces.
 Fumitory, } of each,
 Hounds- } three ounces.
 tongue, }
 Winter Cherries, two ounces.
 Water, fourteen ounces.

Boil down to twelve pounds; strain, and add to the liquor

White Sugar, five pounds.
 Clarify, and make a thick syrup over a slow fire. On the other hand,
 R. Rhubarb, bruised, six ounces.

Yellow Sanders, } of each,
Cinnamon, } half an ounce.
Water, } eight pounds.

Infuse for twenty-four hours in a covered vessel, and express slightly. Mix the liquor with the preceding syrup, boil for a few moments, and pour the syrup while hot upon a bag containing

Cinnamon, } of each,
Yellow Sanders, } half an ounce.
Infuse for six hours, and decant. (GALL.)

Bosson recommends the leaves and woods to be boiled for a quarter of an hour, and then infused for two hours, in ten pounds of water; the liquor to be strained and decanted, and with five pounds of sugar, a syrup made at 25 degrees; on the other hand, an infusion to be made on the previous evening with the rhubarb, the aromatic substances, three pounds of water, and two drams of subcarbonate of potass; this to be strained without expression, and the liquor mixed with the syrup, which is to be boiled again, if necessary, and the boiling mixture poured upon the sanders and cinnamon.

R. Root of Cichory, } of each,
Dandelion, } four ounces.
Spring Water, a sufficient quantity

to leave three pounds after proper boiling. Then

R. Rhubarb, sliced, six ounces.
Boiling Water, three pounds.

Macerate for twenty-four hours; express, mix the liquor with the preceding decoction, and boil with

White Sugar, six pounds.

Pour the boiling syrup upon
Yellow Sanders, } of each,
Cinnamon, } half an ounce.

Express when cold, and strain through flannel. (GENEV.)

R. Root of Butcher's-broom, } of each,
Asparagus, } three ounces.

Leaves of Cichory, }
Pimpernel, } of each,
Maidenhair, } one handful.
Agrimony, }
Chervil, }

Water, three pounds.

Boil, and infuse in the decoction

Senna, three ounces.

Rhubarb, bruised, one ounce.

Indian Jalap, } of each,
Hermodyctyls, } six drams.

Flowers of Marigold, } of each,
Tamarisk, } half a handful.
Elder, }

Add to the decanted liquor

White Sugar, one pound and a half.

Boil to a syrup. (BRERA)

VOL. II.

R. Herb of Cichory, one ounce.
Root of Cichory, three ounces.
Rhubarb, four ounces.
Subcarbonate of Potass, half a dram.
Spring Water, eight pounds.

Boil down to six pounds; express strongly, and add to the liquor

White Sugar, six pounds.
Clarify, and boil to the consistence of syrup. (AUSTR.)

R. Root of Cichory, two ounces and a half.
Spring Water, one pound and a half.

Boil down to one pound, and add
Subcarbonate of Potass, twenty grains.

Boil slowly, and add to the expressed liquor

White Sugar, sixteen ounces
Clarify, strain, and add
Spirituos Cinnamon Water, one ounce.

Mix. (BRUNS.; HANN.; PALAT.; WIRTEM.)

R. Root of Cichory, three ounces.
Spring Water, three pounds.

Boil to the consumption of one third. Add

Rhubarb, sliced, two ounces.
Subcarbonate of Potass, half a dram.

Digest for several hours in a warm place; then boil for a few moments. Add to the expressed liquor

Sugar, thirty-two ounces.
Strain the syrup. (HERBIP.)

PIDERIT, who gives the same formula, adds

Spirituos Cinnamon Water, two ounces.

SPIELMANN prescribes two ounces and a half of cichory root, eighteen ounces of water boiled down to twelve, one ounce of rhubarb, one scruple of subcarbonate, and twenty-two ounces of sugar.

ALKALINE AQUEOUS TINCTURE OF RHUBARB.

Tinctura Rhei seu *Rhabarbari*, *Anima Rhei*, *Infusum Rhei alkalisatum* seu *cum Subcarbonate Potassæ*. (AMST.; ANT.; AUSTR.; BAVAR.; BRUNS.; DAN.; MIL. COPEN.; FULD.; HANN.; LIPP.; OLDEN.; PALAT.; BORUS.; SAX.; WIRTEM.; NIEMANN.; SWEDIAUR.; VAN MONS.)

R. Simple Infusion of Rhubarb, eleven parts.

Subcarbonate of Potass, one part.
Dissolve. (BAVAR.)

R. Rhubarb, sliced, three parts.
Water, fifty parts.

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Heat to ebullition; then withdraw it from the fire, and add

Subcarbonate of Potass, one part.
Strain when cold. (VAN MONS)

R. Rhubarb, half an ounce.
Subcarbonate of Potass, one dram.
Water, six ounces.

Infuse for two hours at a gradually augmented heat till the liquor has begun to boil; then strain, set aside, and decant. (ANT.; AUSTR.)

DAN. prescribes one ounce of rhubarb, two drams of subcarbonate, and ten ounces of boiling water.—FULD.—one ounce of rhubarb, four scruples of subcarbonate, eight ounces of water, and twenty-four hours' digestion.

R. Rhubarb, two drams.
Subcarbonate of Potass, half a dram.
Water, a sufficient quantity
to obtain four ounces of strained liquor.
When it has commenced boiling, add

Simple Syrup, one ounce.
Mix. (SWEDIAUR)

R. Rhubarb, two parts.
Boiling Water, sixteen parts.
Digest for two hours; express slightly, and add

Subcarbonate of Potass, one half part.
Alcohol, one part.
Mix. (LIPP.)

SWEDIAUR prescribes one ounce of rhubarb, three drams of subcarbonate, two ounces of water, twenty-four hours' maceration, and two ounces of spirit of cinnamon.—AMST.—one ounce of rhubarb, six ounces of boiling water, six hours' digestion, four ounces of cinnamon water, and two drams of subcarbonate.—HANN.; OLDEN.; BORUS.; SAX.; and NIEMANN— one ounce and a half of rhubarb, three drams of subcarbonate, twelve ounces of water, twelve hours' maceration, and two ounces of vinous cinnamon water.—MIL. COPEN.—half an ounce of rhubarb, one dram of subcarbonate, four ounces of boiling water, twelve hours' digestion, and one ounce of fennel water.—WIRTEM.—one ounce of rhubarb, two drams of subcarbonate, six ounces of cichory water, six ounces of buglossated cinnamon water, and twenty-four hours' digestion.—PALAT.—one ounce of rhubarb, two drams of subcarbonate, sixteen ounces of cichory water, and twenty-four hours' digestion.—BRUNS.—one ounce of rhubarb, one dram and a half of subcarbonate, three ounces of pure water, and six ounces of cinnamon water.

It is tonic and absorbent; and is recommended in jaundice, hypochondria, and acidity of the primæ viæ.—Dose, from two

drams to one ounce, two or three times a day.

SALINE AQUEOUS TINCTURE OF RHUBARB.

Infusum Rhei salinum seu boraxatum.
(HASS.; POL.; HERBIP.; CADET DE GASSICOURT; FEE; NIEMANN; PIDERIT; SPIELMANN)

R. Rhubarb, bruised, one ounce.
Distilled Water, nine ounces.
Acetate of Potass, one dram.

Infuse for four hours, and filter. (CADET DE GASSICOURT)

R. Vinegar, nine ounces.
Subcarbonate of Potass, a sufficient quantity
to saturate the acid. Digest in the liquor for twelve hours,

Rhubarb, sliced, one ounce.
Filter. (SPIELMANN)

R. Rhubarb, half an ounce.
Tartrate of Potass, two drams.
Boiling Water, half a pound.

Digest for twenty-four hours, and filter. (PIDERIT)

HERBIP. gives the same formula, adding half a scruple of cochineal.—HASS. leaves the choice between tartrate of potass and borated tartar.

R. Rhubarb, one ounce and a half.
Sub-borate of Soda, two drams.
Boiling Water, one pound.

Macerate for twelve hours, and add to ten ounces of the strained liquor

Vinous Cinnamon Water, two ounces.

Mix. (POL.; NIEMANN; FEE)
Dose, one or two spoonfuls, three or four times a day.

ALTERNATIVE DECOCTION. (BRUNS.)

R. Root of Rhubarb, } of each,
Madder, } three drams.
Subcarbonate of Potass, two drams.
Spring Water, eight pounds.

Boil for an hour. Add to the strained decoction

Decoction of Ginger, three ounces.
Mix.

ROSENSTEIN'S VISCERAL ELIXIR.

Elixir viscerale Rosensteini. (NIEMANN)

R. Rhubarb, sliced, eight ounces.
Subcarbonate of Potass, three ounces.
Cinnamon Water, forty-eight ounces.

Digest for fifteen days in a well-stopped

flask, in a cool place, frequently agitating; then add

Fresh Orange Peel, two ounces.
Lesser Cardamoms, } of each,
Seeds of Fennel, } half an ounce.

Digest for eight days, with frequent agitation, and express; pour upon the residue

Decoction of Cichory, six ounces.

Agitate, express, mix the liquor with the former, and dissolve in the mixture

Sugar, twenty-four ounces.

It is tonic.—Dose, from half a spoonful to one spoonful.

ALKALINE SYRUP OF RHUBARB.

Syrupus Rhei alkalisatus. (DAN.; FERR.; FULD.; HANN.; LIPP.; OLDEN.; BORUS.; ROSS.; WIRTEM.; SWEDIAUR)

R. Alkaline Aqueous Tincture of Rhubarb, one pound.
White Sugar, two pounds.

Boil to a syrup. (FULD.)

LIPP. prescribes ten ounces of the tincture and sixteen of sugar.

R. Rhubarb, four ounces.
Subcarbonate of Potass, two drams.
Boiling Water, two pounds.

Boil over a slow fire, and express. Add to twenty ounces of the liquor

White Sugar, three pounds.

Make a syrup. (DAN.)

R. Rhubarb, three ounces.
Subcarbonate of Potass, two drams.
Boiling Water, two pounds.

Digest for twelve hours, and add to twenty ounces of the strained infusion

White Sugar, three pounds.

Make a syrup. (OLDEN.)

ROSS. prescribes two ounces of rhubarb, one dram and a half of the salt, eighteen ounces of water, and two pounds of sugar.

R. Rhubarb, three ounces.
Cinnamon, three drams.
Subcarbonate of Potass, two drams.
Boiling Water, two pounds.

Digest for twelve hours, and strain. Add to twenty ounces of the strained liquor

White Sugar, three pounds.

Make a syrup. (SWEDIAUR)

HANN.; and BORUS. prescribe six drams of cinnamon.

R. Rhubarb, two ounces.
Subcarbonate of Potass, one dram.
Juice of Cichory, boiling, three pounds.

Macerate for twelve hours, express, and add to the strained liquor

Sugar, two pounds.

Dissolve. (FERR.)

R. Rhubarb, } of each,
Senna, } one ounce and a half.
Cinnamon, } one dram and a half.
Subcarbonate of Potass, two scruples.
Ginger, half a dram.
Cichory Water, ten ounces.
Rose Water, four ounces.

Digest for three days in a warm place, then boil for an instant, and express. Clarify the liquor with white of egg, and add

Sugar, sixteen ounces.

Make a syrup. (WIRTEM.)

MANNA AND RHUBARB POTION. (FORM. HÔP. FR.; RATIER)

R. Rhubarb, half an ounce.
Water, four ounces.

Boil for a few minutes; then dissolve in the strained decoction

Manna, two ounces.

PURGATIVE POTION. (PIERQUIN)

R. Rhubarb, } of each,
Subcarbonate of Potass, } one dram.
Decoction of Wall Pellitory, a sufficient quantity.

Boil, and dissolve in one ounce of the liquor,

Manna, two ounces.

Strain, and add

Compound Syrup of Rhubarb, one ounce.

Mix.

PURGATIVE AND TONIC POTION. (PIERQUIN)

R. Myrobalani Citrini, two drams.
Yellow Sanders, one dram.
Rhubarb, bruised, half a dram.
Manna, two ounces.
Boiling Water, a sufficient quantity.

Strain, and add

Confection of Hyacinth, one dram.

Mix.

CARMINATIVE MIXTURE. (SAINTE-MARIE)

R. Aqueous Tincture of Rhubarb, six ounces.

Mineral Anodyne Liquor, one dram.

Mix.—Dose, a spoonful, three or four times a day.

APERITIVE TINCTURE. (HAMB.)

R. Aqueous Infusion of }
Rhubarb, } of each,
Solution of Acetate of } half an ounce.
Potass, }
HUXHAM'S Antimonial Wine, one dram.

Mix.

B.

Extraction by Wine.

WINE OF RHUBARB.

Tinctura Rhei seu Rhubarbari vinosa, Vinum Rhei seu Rhei palmati aromaticum seu compositum, Elixir Rhei dulce seu compositum. (EDINB.; AMER.; ANT.; BATAV.; BELG.; FENN.; GENEV.; OLDEN.; LUSIT.; SUEC.; CADET DE GASSICOURT; COXE; VAN MONS)

Vinum Rhei. (EDINB.)

R. Rhubarb, sliced, two ounces.
 Canella Bark, bruised,
 one dram.
 Proof Spirit, two ounces.
 Spanish White Wine,
 fifteen ounces.

Macerate for seven days, and filter.

AMER.; AMST.; BATAV.; CADET DE GASSICOURT; and COXE give the same formula.

R. Rhubarb, two ounces.
 Cinnamon, one dram.
 White Wine, one pound and a half.

Macerate for eight days, and strain. (LUSIT.)

R. Rhubarb, eight parts.
 Indian Anise, one part.
 Malaga Wine, ninety-six parts.

Digest without heat for eight days, then express lightly, and filter. (VAN MONS)

R. Rhubarb, two ounces.
 Lesser Cardamoms, one dram.
 Alcohol (15 degrees), two ounces.
 Spanish White Wine, one pound.

Macerate for eight days, and strain. (BERGIUS)

R. Rhubarb, two ounces.
 Lesser Cardamoms, two drams.
 Spanish Wine, one pound.

Digest for four days, and strain with expression. (FENN.; SUEC.)

R. Rhubarb, two ounces.
 Bitter Orange Peel, half an ounce.
 Lesser Cardamoms, two drams.
 White Wine, two pounds.
 Alcohol, two ounces.

Macerate for several days, and strain. (OLDEN.; NIEMANN)

R. Rhubarb, one ounce.
 Lesser Cardamoms, two drams.
 Saffron, one dram.
 Spanish Wine, eight ounces.

Digest for six days, and strain; pour upon the residue

Spanish Wine, four ounces.

Digest for twenty-four hours, and mix the strained liquors together. (ANT.)

GENEV. prescribes two ounces of rhubarb, half an ounce of cardamoms, two drams of saffron, and two pounds of Spanish wine.

It is excitant and slightly laxative, and is extolled in hypochondria, hysteria, scrofula, and tabes mesenterica.—Dose, one or two spoonfuls to adults, and from thirty to sixty drops to children.

BITTER WINE OF RHUBARB.

Vinum Rhei seu Rhubarbari amarum, Elixir Rhei amarum. (DAN.; FENN.; SUEC.; VAN MONS)

R. Rhubarb, two ounces.
 Gentian, six drams.
 Lesser Cardamoms, half an ounce.
 White Wine, two pounds.

Digest in a gentle heat, and strain. (DAN.)

R. Rhubarb, one ounce.
 Gentian, two drams.
 Canella Alba, one dram.
 Spanish Wine, one pound.

Digest for three days, and express. (FENN.; and SUEC.)

R. Cinnamon, one part.
 Madeira Wine, ninety-six parts.

Infuse without heat for two days, and add,
 Rhubarb, eight parts.

Continue the digestion for eight days, then add,

Gentian, one part.

Express at the expiration of several days, and filter. (VAN MONS)

It is excitant and tonic.—To be taken in the same cases and at the same doses as the preceding.

DAREL'S TINCTURE.

Tinctura Rhei Darelli seu dulcis. (BAVAR.; BRUNS.; HANN.; HASS.; POL.; BORUS.; SAX.; SUEC.; NIEMANN; PIERQUIN; VAN MONS)

R. Rhubarb, eight parts.
 Bitter Orange Peel, two parts.
 Lesser Cardamoms, one part.
 Root of Elicampane, four parts.
 Madeira Wine, one hundred and twenty-eight parts.

Macerate without heat for several days, then express slightly, and filter. (VAN MONS)

R. Rhubarb, sliced, two ounces.
 Orange Peel, half an ounce.
 Lesser Cardamoms, two drams.
 Malaga Wine, two pounds.

Digest for four days at a moderate heat; then express, and add,

Extract of Elicampane, half an ounce.
White Sugar, three ounces.
Mix. (BAVAR.; POL.; BORUS.; SAX.)
R. Rhubarb, in powder, two ounces.
Corinth Raisins, one ounce.
Lemon Peel, } of each, half an ounce.
Liquorice, }
Lesser Cardamoms, two drams.
Oporto Wine, two pounds.
Digest for two days, and add to the expressed liquor,

Extract of Elicampane, half an ounce.
White Sugar, three ounces.
Mix. (BRUNS.; HANN.; HASS.; NIEMANN.; PIERQUIN)

R. Rhubarb, one ounce and a half.
Lesser Cardamoms, half an ounce.
Raisins, stoned, three ounces.
Spanish Wine, one pound and a half.
Macerate for four days in a warm place; then add to the expressed liquor,

White Sugar, four ounces.
Extract of Elicampane, half an ounce.
Mace, half a dram.
Subcarbonate of Potass, one dram.

Preserve. (SUEC.)

The properties and uses of this are the same as with the preceding preparation. This has also been recommended against worms, but then the wine should be replaced by hydromel, and after four days' digestion, two ounces of extract of tansey should be mixed with the tincture instead of the extract of elicampane.

C.

Extraction by Alcohol.

ALCOHOLIC TINCTURE OF RHUBARB.

Alcohol cum Rheo. (AMST.; AUSTR.; BRUNS.)

R. Rhubarb, sliced, one ounce.
Alcohol, one pound.

Macerate for one day, and filter. (BRUNS.)

AMST. prescribes one part of rhubarb, eight parts of alcohol (0.907), and eight days' maceration.—AUSTR.—two ounces of rhubarb and one pound of alcohol (0.910).

It is excitant and purgative, and is recommended in diarrhoea, colic, diseases attributed to weakness of the intestines, and in engorgements of the abdominal viscera.—It is used in chemistry for ascertaining the presence of alkalis which turn it red.

AROMATIC ALCOHOLIC TINCTURE OF RHUBARB.

Tinctura Rhei spiritiuosa seu Rhabarbari.
(LOND.; DUBL.; EDINB.; AMER.; FULD.; HASS.; LIPP.; LUSIT.; CADET

DE GASSICOURT; COXE; PIDERIT;
SWEDIAUR; VAN MONS)

Tinctura Rhei.

R. Rhubarb, sliced, two ounces.
Cardamom Seeds, bruised,
one ounce and a half.
Saffron, two drams.
Proof Spirit, two pints.

Macerate for fourteen days in a gentle heat, and filter. (LOND.)

R. Rhubarb, sliced, two ounces.
Lesser Cardamoms, } of each,
bruised, } half
Liquorice, bruised, } an ounce.
Saffron, } two drams.
Proof Spirit, two pints.

Digest for seven days, and filter. (DUBL.)

R. Rhubarb, sliced, three ounces.
Lesser Cardamoms, bruised,
half an ounce.
Proof Spirit,
two pounds and a half.

Digest for several days, and filter. (EDINB.)

AMER.; CADET DE GASSICOURT; COXE; and SWEDIAUR give the same formula as EDINB.—LUSIT. prescribes two ounces of rhubarb.

R. Rhubarb two ounces.
Lesser Cardamoms, half an ounce.
French Brandy, two pounds.

Digest for three days. Add to the filtered tincture,

White Sugar, four ounces.
Digest till the sugar is dissolved. (HASS.; PIDERIT)

This formula gives the *Tinctura Rhei spiritiuosa dulcis*.

Tinctura Rhei composita. (LOND.; DUBL.; COXE)

R. Rhubarb, sliced, two ounces.
Liquorice, bruised, half an ounce.
Ginger, sliced, } of each,
Saffron, } two drams.
Proof Spirit, one pint.
Water, twelve fluid ounces.

Macerate for fourteen days in a gentle heat, and filter.

AMER. directs two ounces of rhubarb, one ounce each, of liquorice and of anise,

and two ounces of sugar, to be digested for ten days in two pints and a half of proof spirit. It is excitant and has been particularly recommended as carminative and digestive.—Dose, from half an ounce to one ounce in an appropriate vehicle.

BITTER TINCTURE OF RHUBARB.

Tinctura Rhei amara seu composita, Tinctura Rhei seu Rhabarbari et Gentiane. (EDINB.; AMER.; BRUNS.; HAMB.; HANN.; WIRTEM.; COXE; VAN MONS)

Tinctura Rhei et Gentiane. (EDINB.)

R. Rhubarb, sliced, two ounces.
Gentian, sliced, half an ounce.
Proof Spirit, two pounds and a half.

Digest for seven days, and filter.

AMER.; and COXE give the same formula.

R. Tincture of Rhubarb, one pound and a half.
Compound Tincture of Gentian, half a pound.

Mix. (LUSIT.)

R. Rhubarb, two ounces.
Gentian, one ounce.
Orange Peel, half an ounce.
Alcohol, two pounds.

Digest for forty-eight hours, and filter. (HAMB.)

R. Rhubarb, eight parts.
Gentian, one part and a half.
Serpentaria, one part.
Proof Spirit, forty-eight parts.

Infuse without heat for several days; then express and filter. (VAN MONS)

BRUNS. directs one ounce of rhubarb, one dram and a half of gentian, one dram of serpentaria, and one scruple of cochineal; to be digested for three days in one pound of proof spirit.

R. Rhubarb, one ounce.
Gentian, one dram and a half.
Serpentaria, one dram.
Proof Spirit, } of each, half a pound.
White Wine, }

Digest, and filter. (HANN.; WIRTEM.)

R. Rhubarb, one ounce.
Gentian, three drams.
WINTER'S Bark, one dram.
Proof Spirit, sixteen ounces.

Infuse without heat for several days; then express lightly, and filter. (VAN MONS)

It is excitant, and was formerly extolled in bilious affections, fevers, and dysentery.—Dose, from fifty to eighty drops.

TINCTURE OF RHUBARB WITH ALOES.

Tinctura Rhei et Aloes. (EDINB.)

R. Rhubarb, sliced, ten drams.
Socotrine Aloes, powdered, six drams.

Lesser Cardamoms, bruised, half an ounce.

Proof Spirit, two pounds and a half.

Digest for seven days, and filter.

RHODODENDRUM CHRYSANTHUM, LINN.—YELLOW-FLOWERED RHODODENDRON.

SYNONIMES:—Rosage à fleurs blanches, FR.; Sibirische Schneerose, GERM.; Roze Sybiryskie, POL.

EDINB.; FERR.; HANN.; POL.; BORUS.; ROSS.; SAX.; WIRTEM.; HERBIP.; COXE; MURRAY and GMELIN.

A shrub of the Alps and of Siberia. (*Decandria Monogynia*, LINN.; *Rhodoraceæ*, JUSS.; *Fig. Pall. Fl. Ross. I. t. 30*)

The stems and leaves (*Stipites et Folia Rhododendri chrysanthi*) are employed. They consist of branches of the thickness of goose-quills, long, and of a brownish colour; its leaves are oblong, rough, shining, and have short peduncles.

It is excitant, narcotic, sudorific, and diuretic.

CONSERVE OF RHODODENDRON.

Conserva Rhododendri chrysanthi. (SWE-DIAUR)

R. Fresh Leaves of Rhododendron, one part.
White Sugar, two parts.

Beat together, and form a homogeneous paste.

ANTI-ARTHRITIC POWDER. (CADET DE GASSICOURT)

R. Liquorice Root, two drams.

Leaves of *Rhododendron*, ten grains.
Pulverize, mix, and divide into ten doses.
—Dose, one morning and evening, increasing by one daily till the patient experiences an abundant diaphoresis.

INFUSION OF RHODODENDRON.

Infusum Rhododendri chrysanthi. (AUGUSTIN; NIEMANN)

R. Leaves of *Rhododendron*,
from two drams to half an ounce.
Spring Water, ten ounces.

Digest for twenty-four hours in a covered vessel, and strain. (NIEMANN)

R. Leaves of *Rhododendron*,
half an ounce.
Boiling Water, eight ounces.

Infuse, and add to the strained liquor,

Aromatic Liquor, two drams.
Mix. (AUGUSTIN)

It is recommended by KÆLPIN, in chronic rheumatism.—Dose, a coffee cupful twice or thrice a day.

TINCTURE OF RHODODENDRON.

Tinctura Rhododendri chrysanthi. (NIEMANN)

R. Leaves of *Rhododendron*, two ounces.
French Brandy, } of each, half a pound.
Spanish Wine, }

Digest for fifteen days.

It is excitant and slightly narcotic, and is also considered diuretic.—Dose, five spoonfuls, in a decoction of the residue of the tincture with one pound of water.

RHUS.—SUMACH.

Three species of this genus of plants are employed in medicine.

1. *Rhus Coriaria*, LINN.—Curriers' Sumach.

SYNONIMES:—Sumac des Corroyeurs, FR.; Sumach, Gerberbaum, GERM.; Tumtumtum, ARAB.; Zumague, SPAN.; Sumack, DUT.; Sommaco, ITAL.; Sumak, PERS.; Sumagro, PORT.

BRUNS.; GALL.; HISP.; FERR.; WIRTEM.; HERBIP.; AINSLIE; BERGIUS; BRUGNATELLI; GUIBOURT; MURRAY and GMELIN; SPIELMANN.

A large shrub of the south of Europe. (*Pentandria Digynia*, LINN.; *Terebinthaceae*, JUSS.; Fig. Zorn, *l.c.* p. t. 510)

The leaves and fruit are employed.

The leaves (*Folia Sumac*) are winged and composed of fifteen or seventeen oval, sessile leaflets, hairy above, and bordered with obtuse teeth. They have a very astringent taste.

The berries are of a beautiful red colour, of the size of a lentil, and of an astringent and acid taste.

It is astringent, but is not much used.

2. *Rhus cotinus*, LINN.

SYNONIMES:—Fustet, FR.; Perückensumach, Venussumach, GERM.; Coccigria, ITAL.

AUSTR.; FERR.

A tree of the south of Europe. (*Pentandria Digynia*, LINN.; *Terebinthaceae*, JUSS.; Fig. Jacq. *Fl. Austr.* t. 210)

The bark and leaves are employed.

The bark (*Cortex Cotini*) is smooth and whitish without.

The leaves are of a reversed oval figure, entire, and smooth on both sides. They have a styptic, balsamic, and resinous taste.

It is astringent and tonic.

3. *Rhus Toxicodendrum et radicans*, LINN.—Common Upright Sumach, Poison Oak, Toxicodendron.

SYNONIMES:—Sumac vénéneux, FR.; Giftbaum, Giftsumach, Wurzelsumach, GERM.; Vergiftboom, DUT.; Sommaco radicante, ITAL.

LOND.; EDINB.; AMER.; ANT.; BAVAR.; BELG.; GALL.; FERR.; SAX.; BRUGNATELLI; COXE; GUIBOURT; PARIS.

A shrub of North America. (*Pentandria Digynia*, LINN.; *Terebinthaceae*, JUSS.; Fig. Dill. *Elth.* 389. t. 291. f. 375)

The leaves (*Folia Rhusis seu Rhois Toxicodendri*) are employed. They are ternate, dentated angularly or entire, downy, and have petiolated leaflets. They possess such acidity that by simply touching them the skin becomes violently irritated; some say the exhalation from them is sufficient to do so.

It is stimulant and poisonous, and has been recommended in tetters and palsy.

EXTRACT OF TOXICODENDRON.

Extractum Rhois radican-tis. (ANT.; BELG.; GALL.; HANN.; SAX.; NIEMANN; VAN MONS)

R. Fresh Leaves of Toxicodendron, any quantity.

Bruise them in a marble mortar, sprinkling them with a little water, and express the juice; evaporate it immediately in a water-bath, constantly stirring towards the end, with a spatula. (GALL.; HANN.; NIEMANN)

R. Fresh Leaves of Toxicodendron, any quantity.

Bruise them rapidly in a stone mortar, adding one half of their weight of water, and express the juice; set it aside for a moment; strain without expression, and evaporate to the consistence of an extract, constantly stirring. (VAN MONS)

R. Fresh Leaves of Toxicodendron, } of each,
Cold Water, } one part.

Macerate for twelve hours, and add, Boiling Water, four parts.

Strain when cold, clarify with white of egg, and set the liquor upon the fire, when it has begun to thicken, strain it through a sieve, and evaporate it constantly stirring. (ANT.; VAN MONS)

R. Leaves of Toxicodendron, two pounds. Boiling Water, ten pounds.

Digest for twenty-four hours in a covered vessel, and then boil for one hour; decant and express when cold, and after the liquor is depurated by repose, evaporate it to a proper consistence. (BELG.)

VAN MONS directs one part of dried leaves to be boiled twice successively in ten parts of water, the liquor to be strained through a silk-sieve, and evaporated.—SAX.—one part of dried leaves to be boiled in thirty parts of water till reduced to fifteen, and the liquor to be strained and evaporated.

Dose, half a dram four times a day, gradually increasing to six drams and even to an ounce; mixed with sweetened water. Several ounces have been given in the course of the day.

EXCITANT POTION.

Mistura Extracti Rhois radican-tis. (BRERA)

R. Extract of Toxicodendron, one dram. Water, one ounce.

Mix.—Dose, ten drops, gradually increasing it to a tea-spoonful, twice a day; in palsy of the extremities.

PILLS OF TOXICODENDRON.

Pilula Toxicodendri. (FERR.; BRERA; VAN MONS)

R. Chloruret of Barium, one part. Extract of Toxicodendron, six parts. Leaves of Toxicodendron, in powder, a sufficient quantity.

Make pills of four grains each.—Dose, three, twice or thrice a day, in tetter. (VAN MONS)

R. Leaves of Toxicodendron, one grain. Liquorice Powder, one scruple. Rob of Elder, a sufficient quantity.

Make four pills, to be taken in the course of the day; in paralysis consecutive to apoplexy. (FERR.; BRERA)

TINCTURE OF TOXICODENDRON.

Tinctura Rhois radican-tis. (SAX.; HUFELAND)

R. Juice of Toxicodendron, } of each,
recently expressed, } one part.
Concentrated Alcohol, }

Infuse without heat for several days, and filter. (SAX.)

HUFELAND prescribes two ounces of leaves and one pound of alcohol; to be infused for three days.

RIBES.

Three species of this genus are employed:

1. *Ribes Nigrum*, LINN.—Black Currant.

SYNONIMES:—Cassis, Groseillier noir, FR.; Schwarze Johannisbeere, Gicht-beere, GERM.; Rybes neb wjno sjana cerne, BOHEM.; Sællær, DAN.; Swarta winbær, SWED.

AMST.; BATAV.; BELG.; BRUNS.; DAN.; GALL.; FENN.; FULD.; GENEV.; HASS.; LIPP.; ROSS.; SAX.; SUEC.; WIRTEM.; BERGIUS; BRUGNATELLI; GUIBOURT; MURRAY and GMELIN; PIDERIT; SPIELMANN; ZARDA.

A shrub of the northern parts of both continents. (*Pentandria Monogynia*, LINN.; *Grossularia*, CAND.; *Fig. Zorn, Ic. pl. t. 305*)

The fruit is employed; it consists of globular black berries, disposed in bunches, and rather aromatic than acid.

CONSERVE OF BLACK CURRANT. (VAN MONS)

R. Leaves of Black Currant, beaten to a fine pulp, one part.
White Sugar, two parts.

Beat together, and apply the heat of a water-bath to the mass placed in a covered vessel till the sugar is dissolved.

JUICE OF BLACK CURRANTS.

Succus Ribesiorum nigrorum. (FULD.)

R. Ripe Black Currants, any quantity.

Bruise them in a stone mortar, and set aside the mass in a cellar for several days; then express strongly, strain the juice through flannel, and preserve it in long-necked bottles.

ROB OF BLACK CURRANTS.

Rob seu Gelatina Ribesiorum nigrorum. (AMST.; BATAV.; BELG.; LIPP.; ROSS.; SAX.; SWEDIAUR)

R. Ripe Black Currants, any quantity.

Boil with a little water in a covered tin vessel, constantly stirring, till the berries burst; strain the liquor through a sieve, and express the residue strongly: add half a pound of sugar to each pound of the juice, and evaporate to the proper consistence, removing the scum as it is formed. (AMST.)

BATAV.; and BELG. prescribe four parts of sugar, and ten of juice.—SAX.—one of sugar, and eight of juice.—ROSS.—one of sugar, and six of juice.—LIPP.; and SWEDIAUR—one of sugar, and four of juice.

It is extolled in sore throats.—It is added to gargles.

STRYP OF BLACK CURRANTS.

Syrupus Ribis nigri seu Ribesiae nigrae. (FENN.; SUEC.; COXE; VAN MONS)

R. Depurated Juice of Black Currants, one pound.
White Sugar, two pounds.

Make a syrup at a gentle heat. (FENN.; SUEC.)

COXE prescribes one pint of juice, and two pounds of sugar.

R. Residue of the expressed Juice of Black Currants, one part.
Boiling Water, one part and a half.

Digest for twenty-four hours, and add to the liquor,

White Sugar, an equal part.

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Clarify, and boil to the consistence of a syrup. (VAN MONS)

SPIRIT OF BLACK CURRANTS. (VAN MONS)

R. Ripe Black Currants, two parts.

Bruise them after having infused them in warm water; leave the mass to ferment, and then distil with

Fresh Leaves of Black Currants, one fourth part.

Proof Spirit, one part and a half.
Water, twelve parts.

Distil three parts.

2. *Ribes rubrum*, LINN.—Red Currant.

SYNONIMES:—Groseillier rouge, FR.; Rotes Johannisbeere, GERM.; Rybes neb wjno, sjana cerwene, BOHEM.; Røde ribs, DAN.; Agracejo encarnada, SPAN.; Rothe aalbezie, DUT.; Uva de'prati, ITAL.; Porzeczeki, POL.; Smorodina krasnaja, PORT.; Ræda winbaer, SWED.

AMST.; ANT.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; GALL.; HISP.; FERR.; FULD.; HANN.; HASS.; LIPP.; OLDEN.; POL.; BORUS.; ROSS.; SAX.; SUEC.; WIRTEM.; BERGIUS; BRUGNATELLI; GUIBOURT; MURRAY and GMELIN; PIDERIT; SPIELMANN; ZARDA.

A shrub which grows in every part of Europe. (*Pentandria Monogynia*, LINN.; *Grossularia*, CAND.; *Fig. Flore Medic. IV.* 189)

The fruit (*Baccæ Ribesiorum seu Ribium rubrorum*) is employed; it consists of small, very juicy, globular berries, disposed in bunches, red or yellowish-white, inodorous, and of an acidulous and sweet taste.

JUICE OF RED CURRANTS.

Succus Ribium rubrorum. (GALL.; HISP.; FULD.; HASS.; SAX.; SARD.; PIDERIT; VAN MONS)

R. Red Currants, any quantity.

Bruise them with the fingers, and leave the mass in a cellar till there appears on the surface a clear liquor; then express the juice, set it aside in a cool place for several days, and preserve it, when strained, in long necked bottles under a stratum of oil. (GALL.; HISP.; FULD.; SARD.; SAX.)

R. Red Currants, any quantity.

Bruise them in a copper pan, and strain the juice through a sieve; having set it aside to depurate by repose, strain it through flannel: add one sixteenth of sugar to the liquor, and boil for an instant. Pour the juice into bottles, filling them only to the

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shoulders, and cork them after having dipped a lighted match into the neck. (VAN MONS)

HASS.; and PIDERIT add one fourth of sugar to the juice.

ROB OR JELLY OF RED CURRANTS.

Rob Ribium seu Ribesiorum rubrum, Gelatina Ribium. (AMST.; ANT.; BELG.; BATAV.; BRUNS.; GALL.; FULD.; HASS.; ROSS.; SARD.; SAX.; WIRTEM.; HERBIP.; PIDERIT; SWEDIAUR; VAN MONS)

R. Ripe Red Currants, any quantity.

Boil them with a little water in a tin vessel, constantly stirring, till they are burst; then strain through a sieve, and express strongly. Add four parts of sugar to ten of juice, and evaporate to the consistence of honey, constantly stirring. (BATAV.; BELG.)

AMST. prescribes one part of sugar, and five parts of juice.—ANT.; BRUNS.; FULD.; HASS.; WIRTEM.; HERBIP.; PIDERIT; and SWEDIAUR—one of sugar, and four of juice.—ROSS.—one of sugar, and six of juice.—SAX.—one of sugar, and sixteen of juice.

R. Recently expressed Juice of Red Currants, any quantity.

Strain, and boil it over a moderate fire to the consistence of honey. (GALL.; SARD.)

R. Ripe Red Currants, fifteen pounds.
White Sugar, twelve pounds.

Boil together over a slow fire, constantly stirring, till one fourth of the humidity is evaporated; strain while hot, and leave the mass to gelatinize in a cool place. (WIRTEM.)

VAN MONS directs two pounds of sugar to be added to each pound and a half of expressed juice, and the mixture evaporated to the consistence of jelly.

R. Syrup, boiled *à la grande plume*,

Juice of Red Currants, } two pounds.
Water, } one pound.

Boil to the consistence of jelly, and strain. (HISP.)

It is acidulous and refreshing, and is principally employed to render drinks grateful to patients.

SYRUP OF RED CURRANTS.

Syrupus Ribium seu Ribesiorum seu Ribis rubri seu de Ribesii. (BAVAR.; BELG.; BRUNS.; DAN.; GALL.; FERR.; FULD.; HANN.; HASS.; LIPP.; OLDEN.; PALAT.; POL.; BORUS.; WIRTEM.; HERBIP.; COXE; PIDERIT; SWEDIAUR; VAN MONS)

R. Juice of Red Currants, depurated and filtered, two pounds.
White Sugar, three pounds and a half.

Dissolve at a moderate heat. (GALL.)

BRUNS.; DAN.; FULD.; PALAT.; WIRTEM.; and HERBIP. prescribe ten ounces of juice, and sixteen of sugar.—HANN.; OLDEN.; POL.; and BORUS.—twenty ounces of juice, and three pounds of sugar.—HASS.; and PIDERIT—ten ounces of juice, and thirteen and a half of sugar.—SWEDIAUR—sixteen ounces of juice, and twenty-eight of sugar.—BELG.—sixteen ounces of juice, and two pounds and a half of sugar.—HISP.—two pounds two ounces of juice, and four pounds of sugar.—BAVAR.—one part of juice, and two parts of sugar.—VAN MONS—two parts of juice, and three and a half of sugar.—LIPP.—three of juice, and four of sugar.—FERR.; and COXE—an equal part of each.

R. Red Currants, one hundred pounds.

Bruise them, put them into a pan, and apply heat, constantly stirring, till the seeds burst; then put the mass upon a sieve, express, and add to the juice obtained

Juice of Sour Cherries, five pounds.

Leave the mixture in a cool cellar, and at the end of thirty-six hours, break down the coagulum with an osier broom; strain and dissolve twenty-eight ounces of sugar in each pound of the juice obtained.

ACIDULOUS POTION.

Potus acidus. (AUGUSTIN)

R. Syrup of Red Currants, } of each,
Raspberries, } one
Barberries, } ounce.
Boiling Water, two pounds.

Mix.

3. *Ribes grossularia et Uva crispa*, LINN.—Gooseberry.

SYNONIMES:—Grosseillier à maquereau, FR.; Stachelbeere, GERM.; Stikkelbær, DAN.; Grossellero, SPAN.; Kruisbezie, DUT.; Grisignolo, ITAL.; Agrest, POL.; Groselheira espin, PORT.; Steckelbær, SWED.

HISP.; GALL.; FERR.; BERGIUS; BRUGNATELLI; GUBOURT.

A shrub of the north of Europe. (*Fig. Blackw. Herb. t. 277*)

The fruit is employed; it consists of globular or ovoid berries, greenish or reddish, of the size of a filbert, of an acid and astringent taste before maturity, and rapid and saccharine after.

The same preparations of this fruit are required by the above pharmacopœias as of the preceding species.

RICINUS COMMUNIS, LINN.—RICINUS, PALMA CHRISTI.

SYNONIMES.—Ricin, FR.; Wunderbaum, GERM.; Shoecwetssj, BOHEM.; Purgeerkorn, DAN.; Ricino, ITAL.; and SPAN.; Wonderboom, DUT.; Mamoma, POL.; Erando, SANS.; Undertræd, SWED.; Vullak unnay, TAM.; Amidum, TEL.

LOND.; EDINB.; DUBL.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; HISP.; GALL.; FENN.; FERR.; FORM. HÔP. FR.; FULD.; GENEV.; HAMB.; HANN.; LIPP.; OLDEN.; LUSIT.; POL.; BORUS.; ROSS.; SAX.; SUEC.; WIRTEM.; HERBIP.; AINSLIE.; BERGIUS.; BRUGNATELLI.; COXE.; GUIBOURT.; MURRAY and GME-LIN.; PARIS.; SPIELMANN.; ZARDA.

A plant of the south of Europe and of the north of Africa. (*Monacia Monadelphia*, LINN.; *Euphorbeaceæ*, JUSS.; *Fig. Flore Medic. VI. 298*)

The seed (*Semen Ricini*) is employed. It is oval, prolonged, and flat on both sides. Under a thin, shining, brittle pellicle, veined with grey and white, the eye of which is yellowish and projecting, it contains a white and oleaginous kernel.

OIL OF RICINUS; CASTOR OIL.

Oleum Ricini seu Palmæ Christi.

1. *That which is met with in commerce.* (LOND.; DUBL.; EDINB.; DAN.; HASS.; OLDEN.; POL.; BORUS.; SAUNDERS)

2. *Prepared expressly.* (LOND.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BELG.; DAN.; HISP.; GALL.; FENN.; FERR.; FULD.; GENEV.; LIPP.; LUSIT.; ROSS.; SAX.; SUEC.; HERBIP.; BRUGNATELLI.; COXE.; SWEDIAUR.; VAN MONS)

Oleum Ricini. (LOND.)

R. Seeds of Ricinus, any quantity.

Bruise them after having freed them from the husks, and express the oil without heat.

R. Seeds of Ricinus freed from their envelope and of their embryo, any quantity.

Bruise them in a marble mortar with a wooden pestle; enclose the paste in a close cloth, and express slowly. Filter the oil by the heat of a warm-bath.

FIGUIER has recommended the seeds to be bruised with alcohol of commerce, the

paste to be submitted to the press, and the oil which flows to be distilled, drawing off two thirds of the alcoholic vehicle; the residue to be then boiled till all the humidity is dissipated.

This process is bad.

HENRI recommends the seeds to be triturated in an iron stove, to be bruised when cold, and the paste mixed with a certain quantity of water; the mixture to be then put over the fire, constantly stirring, till it boils: then the supernatant and swollen oily matter to be removed, heated apart that the water may be evaporated, and when the oil is isolated, to be strained through a close flannel, and finally set aside and decanted.

Castor oil is frequently acrid. This acidity is by some attributed to the pellicle and by others to the embryo of the seeds.—LECANU and BUSSY have ascertained that when subjected to distillation, the oil yields two acids, the *Ricinic* and the *Oleo-Ricinic*, which are formed, as well as a third, *Stearo-ricinic*, by the re-action of alkalis; that the two first are present in old oil, and it is these which render it acrid.

When new, castor oil is a mild purgative and is frequently prescribed as anthelmintic.—Dose, from two drams to three ounces, in broth; or a spoonful every hour till it produces the desired effect.

PURGATIVE EMULSION. (GALL.; AUGUSTIN.; BRERA.; CADET DE GASSICOURT.; ELLIS.; PIERQUIN.; SAINTE-MARIE.; VAN MONS)

R. Castor Oil, one ounce.

Triturate it with yolk of egg and one bitter almond, and dissolve it in

Broth, three ounces.

To be taken immediately. (BRERA)

R. Castor Oil, }
Emulsion of Bitter } of each,
Almonds, } two ounces.
Broth, }

Mix.—To be taken by spoonfuls.

R. Castor Oil, two ounces.

Oil of Almonds, one ounce and a half.

Emulsion of Gum Arabic, four ounces.

Mix.—To be taken gradually. (BRERA)

R. Castor Oil, three ounces.

Mucilage of Gum Arabic, two drams.

Mint Water, eight ounces.

Mix.—Dose, two spoonfuls every half hour. (AUGUSTIN)

R. Castor Oil, one ounce.
 Gum Arabic, one dram.
 Syrup of Marshmallows, half an ounce.
 Elder-flower Water,

one ounce and a half.
 Nitric Æther, one dram.
 SYDENHAM'S Laudanum, one scruple.

Mix.—Dose, a spoonful every hour. (AUGUSTIN)

R. Castor Oil, one ounce and a half.
 Gum Arabic, two drams.
 White Sugar, one dram.
 Mint Water, four ounces.
 Tincture of Opium,

forty or fifty drops.

Mix.—Dose, a spoonful every hour. (ELLIS)

R. Castor Oil, three ounces.
 Yolk of Egg, one.
 Syrup of Marshmallows, two ounces.
 Water, ten ounces.

Mix.—Dose, two spoonfuls every half hour. (AUGUSTIN)

R. Castor Oil, three ounces.
 White Sugar, half an ounce.
 Yolk of Egg, one.
 Rose Water, ten ounces.

Mix.—Dose, two spoonfuls every half hour. (AUGUSTIN)

R. Castor Oil, two ounces.
 Yolk of Egg, one.
 Syrup of Marshmallows, one ounce.

Triturate together, adding gradually

Pure Water, eight ounces.
 Hordeated Cinnamon Water, two drams.

Mix. (SAINTE-MARIE)

GALL. prescribes one ounce of oil, one half of a yolk of egg, two ounces of water, and half an ounce each, of orange-flower water and of simple syrup.—CADET DE GASSICOURT—one ounce of oil, two ounces of water, a sufficient quantity of yolk of egg, and half an ounce each, of compound syrup of cichory and of orange-flower water.—VAN MONS—two parts of oil, one part of yolk of egg, one of syrup, one of orange-flower water, and four of pure water.

R. Castor Oil, one ounce.
 Yolk of Egg, one.
 Hyssop Water, eight ounces.
 Subcarbonate of Magnesia, } of each,
 Manna, } two drams.

Mix.

PURGATIVE POTION.

Haustus catharticus oleosus. (AUGUSTIN; BRERA; BORIES; DISP. CHA. PARIS; RATIER; SWEDIAUR)

R. Castor Oil, two ounces.

Syrup of Lemon, one ounce.

Mix. (RATIER)

RATIER also prescribes an equal part each, of the oil and of compound syrup of cichory.—BORIES.—an equal part each, of the oil and of syrup of peach flowers.

R. Castor Oil, one or two ounces.
 Simple Syrup, one ounce.
 Gum Arabic, two drams.
 Water, four ounces.

Mix. (RATIER)

R. Castor Oil, one or two ounces.
 Tartaric Syrup, one ounce.
 Water of Cichory, two ounces.

Mix. (RATIER)

RATIER also prescribes two ounces of oil, two of syrup of buckthorn, and one ounce of mint water; or, two ounces of oil, two of compound syrup of cichory, and two drams of mint water; or, six drams of oil, half an ounce of oxymel of squill, and one ounce of syrup of buckthorn.

R. Castor Oil, one ounce.
 Proof Spirit, } of each, half an ounce.
 Sugar, }

Mix. (SWEDIAUR)

R. Castor Oil, two ounces.
 Broth, three ounces.

Mix.—For one dose. (BRERA)

R. Castor Oil, one ounce.
 Decoction of Herbs, four ounces.

Mix. (SPIELMANN)

R. Castor Oil, three ounces.
 Soap, half an ounce.
 Syrup of Orange Peel, three ounces.

Mix.—Dose, a spoonful every half hour. (AUGUSTIN)

R. Castor Oil, three ounces.
 Subcarbonate of Potass, one dram.
 Honey, one ounce.
 Lime-flower Water, ten ounces.

Mix.—Dose, two spoonfuls every two hours. (AUGUSTIN)

ANTHELMINTIC POTION.

Potio anthelmintica oleoso-aromatica. (BRERA)

R. Castor Oil, } of each,
 Peppermint Water, } two ounces.

Mix.—To be taken at one dose.

VERMIFUGE LAVEMENT.

Clyisma emolliens anthelminticum. (BRERA)

R. Castor Oil, three ounces.
 Decoction of Linseed, four ounces.

Mix.

ROBINIA PSEUDO-ACACIA, LINN.—FALSE ACACIA.

SYNONIMES:—Robinier, Faux Acacia, FR.;
Unächte Acacienbaum, GERM.

GALL.

An original tree of America, but natu-

ralized in Europe. (*Diadelphi Decandria*,
LINN.; *Leguminosa*, JUSS.; *Fig. Nouv.*
Duh. II. t. 16)

Its bark is purgative and emetic.

ROCELLA, ORCELLA, ORCHILLA.—LITMUS.

SYNONIMES:—Argol, Archil.—Orseille,
Orchel, FR.

DUBL.; BAVAR.; GALL.; BERGIUS;
COXE; GUIBOURT; MURRAY.

This is a solid colouring paste, of a very
deep violet-red colour, and of a strong and
disagreeable smell.

It is prepared from the *Rocella tinctoria*,
CAND., a cryptogamous plant which grows
on the rocks of the Canaries, of Cape Verd,
and of the Archipelago. (*Fig. Pluk. Abm.*
t. 255, f. 6)—The *Variolaria orcina*, ACH.
also yields it, but this is of an inferior
quality.

ROSA.—ROSE.

Five species of this genus of plants are
mentioned in pharmacopœias:

1. *Rosa centifolia*, LINN.—Hundred-leaved
Rose, Damask Rose.

SYNONIMES:—Rosier à cent feuilles, FR.;
Centifolienrose, GERM.; Ruze cerwena,
BOHEM.; Fyld rose, Ræed rose, DAN.;
Rosa de Alexandria, SPAN.; Damask ro-
sen, DUT.; Roze centyfoliie, POL.; Rosa,
RUSS.; Roser, SWED.

LOND.; DUBL.; EDINB.; AMER.; AMST.;
ANT.; AUSTR.; BATAV.; BAVAR.;
BELG.; BRUNS.; DAN.; HISP.; GALL.;
FENN.; FERR.; FULD.; GENEV.; HANN.;
HASS.; LIPP.; OLDEN.; LUSIT.; POL.;
BORUS.; ROSS.; SAX.; SUEC.; WIR-
TEM.; HERBIP.; BERGIUS.; BRUGNA-
TELLI.; COXE.; GUIBOURT.; MURRAY
and GMELIN.; PIDERIT.; SPIELMANN;
ZARDA.

A shrub cultivated in every garden of
Europe. (*Icosandria Polygynia*, LINN.,
Rosaceæ, JUSS.; *Fig. Zorn, Ic. pl. t. 600*)

The flowers (*Flores Rosarum incarnata-
rum seu pallidarum*) are employed. They
consist of oval, entire petals, of a pale red-
dish colour. Their odour is very agree-
able, but is almost entirely removed by de-
siccation; their taste is bitterish, acrid,
and styptic.

2. *Rosa moschata*, AIT.—Musk Rose.

GALL.

An original shrub of the north of Africa.
The flowers, according to WILLDENOW,
are used in preparing the otto of roses.

3. *Rosa alba*, LINN.—White Rose.

BRUNS.; GALL.; WIRTEM.; BERGIUS;
MURRAY and GMELIN.; SPIELMANN;
ZARDA.

A shrub generally spread over Europe.
(*Fig. Ed. Fl. Dan. t. 1215*)

Its flowers (*Flores Rosæ albæ*) have an
agreeable odour, and a bitterish and styptic
taste.

4. *Rosa Gallica*.—Red Rose, Provence Rose.

SYNONIMES:—Rose rouge, Rose de Pro-
vence, FR.; Essigrose, GERM.; Edike
rose, DAN.; Rosa rubra, Rosa Castella-
na, SPAN.; Fransche rosen, DUT.; Roza
Damascenskie, POL.; Rosa vermalha,
PORT.; Rættikeroser, SWED.

LOND.; DUBL.; EDINB.; AMST.; ANT.;
BATAV.; BELG.; BRUNS.; DAN.; HISP.;
GALL.; FERR.; FENN.; FORM. HÔP. FR.;
GENEV.; HANN.; HASS.; OLDEN.;
LUSIT.; POL.; BORUS.; ROSS.; SAX.;
SUEC.; WIRTEM.; WURCEB.; BERGIUS;

BRUGNATELLI; COXE; GUIBOUT; MURRAY and GMELIN; SPIELMANN.

A shrub of the south of Europe. (*Fig. Blackw. Herb. t. 82*)

The flowers (*Flores Rosæ rubra*) are employed. They are used before the petals are expanded, and the claws should be cut off.

5. *Rosa canina*, LINN.—Dog Rose.

SYNONIMES:—Rosier sauvage, Eglantier, FR.; Hundsrose, Hahnbuttenstrauch, Hagebutten, GERM.; Ssypec, Plana ruze, BOHEM.; Hybentorn, DAN.; Rosa silvestre, SPAN.; Hondsroos, DUT.; Rosa selvatica, ITAL.; Roza pulna, POL.; Rosa brava, PORT.; Neupon, SWED.

LOND.; EDINB.; AMST.; ANT.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FULD.; GENEV.; WIRTEM.; BERGIUS; BRUGNATELLI; COXE; PIDERIT; SPIELMANN; ZARDA.

A shrub which grows in every part of Europe. (*Fig. Zorn, Ic. pl. t. 529*)

The flowers, fruit, and seeds are employed.

The flowers (*Flores Rosæ sylvestris seu rubra vulgaris*) consist of reddish or nearly white petals, of a sweet and agreeable odour. They are slightly laxative.

The fruit, called *Hips* (*Fructus Cynosbati, Cynorrhodon*), consists of oval, smooth, scarlet berries; they are dried after the seeds and the hairs which adhere to them are removed. Its taste is rather styptic.

It is reputed diuretic and anti-spasmodic; but it is more certainly a powerful astringent and irritant, the abuse of which occasions cough, vomiting, and tenesmus.

The seeds (*Semina Cynosbati*) are long, angular, hard, and hairy. They are now no longer used.

All these plants are more or less astringent and tonic.

JUICE OF PALE ROSES.

Succus Rosarum pallidarum. (HISP.; GALL.; SARD.)

R. Petals of Pale Roses, any quantity.

Bruise them in a marble or wooden mortar, and strain with strong expression. Filter the juice, and preserve it in bottles under a stratum of oil. (HISP.; GALL.)

SARD. recommends the flowers to be put into a bag, plunged into boiling water, and hung up; first a greenish liquor drops from it, and afterwards a reddish, when it should be expressed.

CONSERVE OF RED ROSES.

Conserva seu Confectio Rosæ seu Rosarium. (LOND.; EDINB.; DUBL.; AMER.; AMST.; ANT.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FORM. HÔP. FR.; FULD.; GENEV.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; PALAT.; POL.; BORUS.; ROSS.; SARD.; SAX.; SUEC.; WIRTEM.; HERBIP.; BRUGNATELLI; CADET DE GAS-SICOURT; COXE; PIDERIT; SWEDIAUR; VAN MONS)

Confectio Rosæ Gallicæ. (LOND.; EDINB.)

R. Petals of the Red Rose, one pound.
Refined Sugar, three pounds.

Beat the petals in a stone mortar; then add the sugar, and continue to beat till they are incorporated.

Conserva Rosæ. (DUBL.)

R. Petals of the Red Rose, one part.
Refined Sugar, three parts.
Beat together till incorporated.

AMER.; AMST.; LIPP.; and COXE give the same formula.—ANT.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; HISP.; FULD.; HANN.; HASS.; OLDEN.; PALAT.; POL.; BORUS.; ROSS.; SAX.; WIRTEM.; HERBIP.; BRUGNATELLI; VAN MONS; and SWEDIAUR prescribe one part of petals and two parts of sugar.—FORM. HÔP. FR.; and SUEC.—an equal part of each.

R. Fresh Petals of Roses, fifteen parts.
Sugar, thirty parts.
Triturate together, strain the pulp through a hair sieve, and add

Simple Syrup, boiled to the consistence of an electuary,
one hundred and twenty parts.

MIX. (GALL.)
R. Fresh Petals of Roses, one pound.
Bruise in a glass mortar, adding gradually

Thick Simple Syrup, two pounds.
Evaporate slowly to the proper consistence. (HISP.)

R. Red Roses, one pound.
Put them into a bag, and keep it for some time in boiling water; then hang up the bag till a red liquid begins to drip from it, then express strongly, pound the residue in a mortar, and boil it with

Thick Simple Syrup, three pounds,
gradually adding the expressed juice, till it
acquires the consistence of a conserve.
(SARD.)

R. Dried Petals of Red Roses,
ninety parts.

Rose Water, a sufficient quantity
to form a pulp. Having let it macerate for
six hours, add

Sugar, one thousand parts,
dissolved in rose water, and boiled to the
consistence which would be necessary for
forming it into trochiscs, and mix intim-
ately in a marble mortar, with a wooden
pestle. (GALL.)

FORM. HÔP. FR. prescribes pure water,
six hours' digestion at a moderate heat,
and the mixture of the pulp with an equal
quantity of sugar.—LUSIT.—three ounces
of powdered roses, eight ounces of rose
water, six hours' infusion, and one pound
and a half of sugar.—CADET DE GASSI-
COURT—six ounces of powder, a sufficient
quantity of rose water, and half a pound of
sugar.—FERR.—three ounces of powder,
eight ounces of rose water, and two pounds
of sugar.

R. Powdered Rose Petals, three ounces.
Rose Water, eight ounces.

Macerate for several hours, and add

White Sugar, one pound and a half,
previously formed into syrup with a suffi-
cient quantity of water, and mix. (GENEV.)

Dose, from half a dram to one dram.

VITRIOLATED CONSERVE OF ROSES.

Conserva Rosarum vitriolata. (BRUNS.;
SARD.; WIRTEM.)

R. Conserve of Roses, one pound.
Sulphuric Acid, one dram.

Mix well. (BRUNS.; SARD.)

WIRTEM. prescribes two drams of acid.

DRY CONSERVE OF ROSES.

*Tabellæ rosatæ seu Manus Christi, Conserva
Rosarum sicca, Saccharum rosatum.*
(BRUNS.; PALAT.; SARD.; WIRTEM.;
SPIELMANN)

R. Dried Petals of Red Roses, one ounce.
Simple Syrup, boiled to the proper
consistence, sixteen ounces.

Mix, and make trochiscs. (WIRTEM.;
SPIELMANN)

BRUNS. directs the powdered petals to be
first sprinkled with twelve drops of sul-
phuric acid.—PALAT. prescribes six drams
of petals, and four ounces of sugar boiled.

R. Red Roses, one ounce.

Simple Syrup, boiled to the proper
consistence, one pound and a half.
Lemon Juice, two drams.

Pulverize the roses, sprinkle them with
the juice, mix in the boiling syrup, and
form trochiscs. (SARD.)

R. White Sugar, one pound.
Rose Water, a sufficient quantity.

Boil to the proper consistence, and form
trochiscs. (PALAT.)

By adding towards the end, half an ounce
of prepared pearls, the preparation formerly
called *Saccharum perlatum* is obtained.

DIARRHODON TROCHISCS.

Tabellæ diarrhodon. (SARD.)

R. Diarrhodon Powder, one ounce and a half.

White Sugar, one pound.
Mucilage of Tragacanth,

a sufficient quantity.

Make trochiscs.

PULP OF HIPS.

Pulpa Cynorrhodontos. (GALL.)

R. Hips, red but not perfectly ripe,
sixteen parts.

Cut off the crowns and pedicles, remove
the seeds, and macerate the rest for three
or four days, in

White Wine, two parts,
till the fruit becomes perfectly soft; then
bruise it in a marble mortar with a wooden
pestle, and pass the pulp through a close
silk-sieve.

CONSERVE OF HIPS.

*Conserva seu Confectio seu Rob Cynobatos
seu Fructus Rosæ Canina.* (LOND.;
EDINB.; GALL.; FULD.; GENEV.; LU-
SIT.; PALAT.; SARD.; WIRTEM.; NIE-
MANN.; SWEDIAUR.; VAN MONS)

Confectio Rosæ Caninæ.

R. Pulp of Hips, one pound.
Refined Sugar, in powder,
twenty ounces.

Beat together till well incorpo-
rated. (LOND.)

R. Fresh Hips, freed from seeds
and hairs, one part.
Refined Sugar, three parts.

Reduce the fruit to a pulp, then
add the sugar, and beat till tho-
roughly incorporated. (EDINB.)

R. Pulp of Hips, } of each,
White Sugar, } three pounds.

Evaporate slowly to the proper consistence. (GENEV.; SWEDIAUR)

FULD.; and PALAT. prescribe two pounds of pulp and one pound of sugar.—WIRTEM.—three of pulp and two of sugar.—LUSIT.; and VAN MONS—one of pulp and two of sugar.—NIEMANN; and SARD.—one of pulp and three of sugar.—GALL.—one of pulp and one and a half of syrup boiled to the consistence of an electuary.

It is slightly astringent, diuretic, antispasmodic, and stomachic.—Dose, from four to twelve drams.

ASTRINGENT ELECTUARY.

Electuarium adstringens Fulleri, Conserva Rosarum rubrarum adstringens. (HISP.; BORIES; BRERA; PIERQUIN; SAINTE-MARIE)

R. Conserve of Red Roses, two ounces.
Diascordium, half an ounce.
Armenian Bole, two drams.
Dragon's Blood, one dram and a half.
Pomegranate Flowers, half a dram.
Oil of Nutmeg, } of each,
Cinnamon, } two drops.
Syrup of Red Roses, one ounce.

Mix. (HISP.)

R. Conserve of Red Roses, four ounces.
Nitrate of Potass, one dram.
Syrup of Poppy, one ounce.
Orange-flower Water, two drams.

Mix. (BORIES; PIERQUIN; SAINTE-MARIE)

R. Conserve of Red Roses, four ounces.
Syrup of Tolu, one ounce.

Mix. (BRERA)

R. Conserve of Hips, four ounces.
Syrup of Pomegranate, two drams.
Poppy, one ounce.
Nitrate of Potass, two scruples.

Mix. (SAINTE-MARIE)

It is prescribed in spitting of blood.—Dose, a tea spoonful every two or three hours.

TRAUMATIC ELECTUARY.

R. Conserve of Red Roses, two ounces.
LOCATELLI's Balsam, one ounce.
Syrup of Tolu, half an ounce.

Mix.

ASTRINGENT MIXTURE.

Linctus communis. (SAUNDERS; SAINTE-MARIE)

R. Olive Oil, two ounces and a half.
Conserve of Hips, half an ounce.

Syrup of Poppy, one ounce.
Mix. (SAUNDERS)

R. Conserve of Red Roses, two ounces.
Rosemary, } of each,
Elecampane, } one ounce.
Syrup of Amber, }

Mix intimately. (SAINTE-MARIE)

Dose, a tea spoonful, thrice a day.—It is prescribed in inveterate leucorrhœa.

ASTRINGENT POTION. (BORIES; PIERQUIN; SAINTE-MARIE)

R. Flowers of Lesser Mullein, one handful.
Water, one pound and a half.

Boil down to one half, and add to the strained liquor

Conserve of Red Roses, one ounce.

Mix.—It is recommended by FOUQUET, in dysentery.

INFUSION OF ROSES.

Infusum seu Mucharum seu Brodium Rosarum. (HISP.; FERR.; HASS.; LIPP.; SARD.; WIRTEM.; PIDERIT)

R. Fresh Petals of Roses, two pounds.
Boiling Water, eight pounds.

Digest for eight hours, express, and pour the strained liquor upon a similar quantity of fresh petals; having repeated this operation a third time, preserve the liquor in a long-necked bottle, under a stratum of oil. (SARD.)

R. Fresh Petals of Roses, } of each,
Boiling Water, } eighteen pounds.

Macerate for twenty-four hours, and strain; preserve the liquor in a bottle under a stratum of olive oil. (WIRTEM.)

HISP. prescribes one pound of roses and two pounds of water; to be infused for eight hours.—HASS.; and PIDERIT—one pound of red roses and one pound and a half of water; to be infused for several days.—LIPP.—an equal part of each; to be digested for three days.—FERR.—an equal part of each; to be digested for twelve hours.

This infusion is principally used in the preparation of the syrup and honey of roses.

ACIDULOUS INFUSION OF ROSES.

Infusum Rosæ acidulum seu compositum. (LOND.; EDINB.; DUBL.; AMER.; HISP.; GENEV.; SUEC.; BRUGNATELLI; COXE; NIEMANN; RATIER)

Infusum Rosæ compositum.

R. Dried Petals of Red Roses, half an ounce.

Boiling Water,
two pints and a half.
Dilute Sulphuric Acid,
three fluid drams.
Refined Sugar,
one ounce and a half.

Pour the water upon the petals in a covered glass vessel; then instil the acid, and macerate for half an hour; finally strain the liquor, and add the sugar to it. (LOND.)

DUBL. prescribes half an ounce of petals, three pints of water, three drams, by weight, of acid, and one ounce and a half of sugar.

Infusum Rosæ Gallicæ. (EDINB.)

R. Dried Petals of Red Roses,
one ounce.

Boiling Water,
two pounds and a half.
Dilute Sulphuric Acid,
half an ounce.

Refined Sugar, one ounce.

Macerate the petals in an earthen vessel, which has not been glazed with lead, for four hours; then instil the acid, strain, and finally add the sugar.

AMER.; SUEC.; COXE; and NIEMANN give the same formula as LOND.—BRUGNATELI—one ounce of roses, five pounds of water, one dram of sulphuric acid, twenty-four hours' infusion, and two ounces of sugar.—HISP.—half an ounce of roses, three pounds of water, a quarter of an hour's infusion, one scruple of acid, and no sugar.—RATIER—half an ounce of roses, one pound of water, one ounce and a half of sugar, and half a dram of acid.—GENEV.—half an ounce of roses, two pounds and a half of water, one scruple of acid, and one ounce and a half of sugar.

It is slightly astringent, but is rarely prescribed alone. It is principally employed as a vehicle for various medicaments, and in gargles. It is sometimes given in passive hæmorrhages.

HÆMÆSTATIC TEA. (PIERQUIN)

R. Dried Petals of Roses, half an ounce.
Vinegar, three spoonfuls.
Sugar, one ounce.
Boiling Water, two pounds.

Infuse for two hours, and strain.—To be taken by glassfuls in the course of the day.

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It is recommended in diarrhœa and hæmorrhages.

ASTRINGENT INFUSION. (BORIES)

R. Red Roses,
The Five Myrobalani, } of each,
bruised, } half an ounce.
Water, one pound.

Digest in warm ashes. Add to the strained liquor

Syrup of Pomegranate, half an ounce.

Mix.—It is astringent, and is recommended in diarrhœa and hæmorrhages.—To be taken at three or four doses, in the course of the day.

SYRUP OF RED ROSES.

Syrupus Rosarum rubrarum seu Rosæ Gallicæ seu e Rosis siccis, Rhodosaccharum. (EDINB.; AMST.; ANT.; HISP.; GALL.; FERR.; GENEV.; SARD.; WIRTEM.; COXE; VAN MONS)

Syrupus Rosæ Gallicæ. (EDINB.; COXE)

R. Dried Petals of Red Roses,
one part.
Boiling Water, nine parts.
Refined Sugar, ten parts.

Macerate the petals in the water for twelve hours; then boil a little, and strain. Add the sugar to the liquor, and boil to a syrup.

R. Dried Petals of Red Roses,
eight ounces.

Boiling Water, five pounds and a half.

Digest for twelve hours; then boil down to one half, and express: set the liquor apart to dehydrate by repose, and evaporate, so that on the addition of

Sugar, sixteen ounces,
a syrup may be formed without ebullition. (AMST.)

R. Deperated Juice of Red Roses,
two pounds.

White Sugar, four pounds.

Water, a sufficient quantity.

Boil to the consistence of syrup. (HISP.)

R. Fresh Petals of Red Roses,
four pounds.

Boiling Water, eight pounds.

Infuse for twelve hours in a covered vessel; express slightly, set aside the juice for several hours, decant, and add to it

White Sugar, twice the quantity.

Make a syrup in a water-bath. (GALL.)

WIRTEM. prescribes half a pound of dried roses, one pound and a half of boiling

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water, twenty-four hours' maceration, and sixteen ounces of sugar to every nine ounces of the strained liquor.—ANT.; and BELG.—one pound of petals, three pounds of water, twelve hours' digestion, and four pounds of sugar.

R. Fresh Petals of Red Roses, one part.
Cold Water, three parts.
Boiling Water, seven parts.

Infuse for six hours, strain through a sieve with slight expression, and add

White Sugar, four parts.
Clarify, and make a syrup. (VAN MONS)

SYRUP OF PALE ROSES.

Syrupus Rosæ seu de Rosis pallidis seu Rosarum pallidarum seu rosatus simplex seu Rosarum solutarum seu rosatus solutivus. (LOND.; EDINB.; DUBL.; AMST.; ANT.; HISP.; GALL.; FERR.; GENEV.; SARD.; WIRTEM.; COXE; VAN MONS)

Syrupus Rosæ. (LOND.; DUBL.)

R. Dried Petals of the hundred-leaved Rose, seven ounces.
Refined Sugar, six pounds.
Boiling Water, four pints.

Macerate the petals in the water for twelve hours, and strain; then evaporate the liquor in a water-bath till reduced to two pints and a half, add the sugar, and form a syrup.

Syrupus Rosæ centifoliae. (EDINB.)

R. Fresh Petals of the hundred-leaved Rose, one part.
Boiling Water, four parts.
Refined Sugar, three parts.

Macerate the petals in the water for twelve hours; then add the sugar to the strained infusion, and boil to a syrup.

HISP. prescribes three parts of petals, six of boiling water, twelve hours' infusion, and two parts of sugar.—FERR.—one of petals, eight of boiling water, twenty-four hours' infusion, and six parts of sugar.

R. Expressed Juice of }
Pale Roses, } of each,
White Sugar, } an equal part.

Boil slowly to the consistence of syrup. (GALL.)

SARD. prescribes simple syrup instead of sugar.

R. Fresh Petals of Red Roses, one part.
Hot Water, two parts and a half.

Having reduced the petals to a pulp, macerate them in the water for twelve hours; then strain with slight expression, and add to the liquor

White Sugar, an equal weight.
Clarify, and evaporate to a syrup. (VAN MONS)

R. Fresh Petals of Pale Roses, twelve pounds.

Bruise them in a marble mortar; then infuse for twelve hours, in

Water, four pounds.
Add to the expressed liquor

White Sugar, four pounds.
Clarify, and boil slowly to a syrup. To each pound of this, add another cold syrup, prepared with

Water of Pale Roses, ten drams.
White Sugar, two ounces.

Mix. (ANT.)
R. Sugar, two pounds.
Spring Water, a sufficient quantity.

Boil to the consistence of syrup; pour this, while boiling, upon

Fresh Petals of Pale Roses, two pounds.

Macerate for three days; then boil a little, and express strongly. (GENEV.)

R. Fresh Petals of Pale Roses, one pound.
Boiling Water, four pounds.

Macerate for twelve hours; then evaporate in a water-bath, constantly stirring, till the liquor is reduced to one half. Add to the expressed liquor, deperated by repose,

White Sugar, two pounds.
Boil to the required consistence. (AMST.)

R. Petals of Pale Roses, four pounds.
Boiling Water, eight pounds.

Infuse for twenty-four hours, and express strongly. Digest in the liquor a fresh quantity of roses. Repeat this operation a third time, and finally add to every nine ounces of the infusion,

White Sugar, sixteen ounces,
and boil to a syrup. (BRUNS.; PALAT.; WIRTEM.)

This syrup is called *Solutive Syrup of Roses*, to distinguish it from the *Simple Syrup of Roses*, prepared with the same triple infusion, but with only thirty-two ounces of sugar to one pound and a half of liquid.

COMPOUND SYRUP OF ROSES.

Syrupus Rosarum solutivus cum Senna seu de Senna rosaceus. (AMST.; BAVAR.; HERBIP.)

R. Fresh Petals of Pale Roses, one pound.
Boiling Water, six pounds.

Macerate for twelve hours; then boil down to four pounds, and express: macerate in the liquid for two hours

Senna, eight ounces.

Express. To the liquor, depurated by repose, add

White Sugar, two pounds.

Boil to the consistence of syrup, and add to it when cold,

Oil of Anise, }
— Fennel, } of each, five drops.

Mix.

HERBIP. directs two pounds of infusion of pale roses to be poured upon one ounce of senna, and, after several hours' digestion, twice the quantity of sugar to be added to the strained liquor, and boiled to a syrup.—BAVAR.—one part of petals and two parts of senna to be infused for half an hour in eighty-eight of hot water, and two parts of sugar to be added to one part of the strained infusion.

HONEY OF ROSES.

Mel rosatum seu rosaceum seu de Rosis seu Rosæ Gallicæ, Rhodamel. (LOND.; DUBL.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FENN.; FULD.; GENEY.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; PALAT.; POL.; BORUS.; ROSS.; SARD.; SAX.; SUEC.; WIRTEM.; HERBIP.; BRUGNATELLI; COXE; PIDERIT; SPIELMANN; SWEDIAUR; VAN MONS)

Mel Rosæ. (LOND.; DUBL.)

R. Dried Petals of Red Roses, four ounces.

Boiling Water, three pints.

Despumated Honey, five pounds.

Macerate the petals in the water for six hours; then mix the honey with the strained liquor, and boil to the consistence of syrup, removing the scum.

R. Dried Petals of Red Roses, ten ounces.
Boiling Water, six pounds.

Macerate for twelve hours; then boil over a slow fire, and express: add to the decanted liquor

Despumated Honey, four pounds.

Evaporate slowly to the consistence of syrup. (BATAV.)

ANT.; and FORM. HÔP. FR. prescribe one part of dried petals, four parts of water, twelve hours' digestion, and six parts of honey.—BRUNS.; and WIRTEM.—six of fresh petals, six of water, twenty hours' digestion, and six parts of honey.—PALAT.—

nine of fresh petals, twelve of water boiled till reduced to five, and four of honey.—HANN.; OLDEN.; POL.; and SWEDIAUR—eight of dried petals, four of water, twelve hours' digestion, and eight parts of honey.—FENN.; LUSIT.; and SUEC.—one half part of dried petals, three parts of water, twelve hours' digestion, and six parts of honey.—BORUS.—four of dried petals, eight of water, twelve hours' digestion, and eight of honey.—BAVAR.—one of dried petals, eight of water, three hours' digestion, and twice the weight of honey.—AUSTR.; and ROSS.—three parts of dried petals, twelve of water, three hours' digestion, and twenty-four parts of honey.—BRUGNATELLI—one of dried petals, four of water, six hours' digestion, and five parts of honey.—SPIELMANN—six of petals, six of water, twenty-four hours' digestion, and eight parts of honey.—SAX.—one of dried petals, six of water, twelve hours' digestion, and twice the weight of honey.—COXE—four ounces of roses, three pounds of water, six hours' digestion, and five pounds of honey.—GENEV.—three ounces of petals, two pounds of water, several hours' digestion, and two pounds and a half of honey.—AMST.—eight ounces of dried petals, six pounds of water, twelve hours' maceration, and two pounds of despumated honey.

R. Petals of Red Roses, one part.
Water, eight parts.

Infuse at twice, straining each time without expression; shake the white of one or two eggs with the liquor, boil for an instant, strain through flannel, and add

White Sugar, one part.
Honey, five parts.

Evaporate to the consistence of syrup. (VAN MONS)

R. Dried Petals of Red Roses, one part.
Decoction of the Calices of Red
Roses, four parts.

Infuse for two hours. Add to the strained liquor

Honey, six parts.

Clarify with white of egg, and evaporate to the proper consistence. (GALL.)

FORM. HÔP. FR. gives the same process, but substitutes water for the decoction of the calices, which introduces into the compound a great proportion of tannin and of gallic acid. HENRI also observes that the albumen of the white of egg ordered for the clarification, combines with much tannin, and thus destroys a part of the active principle of this syrup.

R. Depurated Juice, or Saturated Infusion of Red Roses, one half part.
Honey, one part.

Mix well. (HASS.)

FIDERIT directs nine ounces of saturated infusion of roses and one pound of despumated honey to be boiled to the consistence of syrup.—**HISP.**—an equal part each, of depurated juice of roses and of honey.—**SARD.**—one of depurated juice, and two of despumated honey.—**LIPP.**—one of infusion, and four of honey.—**HERBIP.**—one of infusion, and four of honey.—**FERR.**—an equal part each, of infusion and of honey.

R. Rose Water, one ounce.
Despumated Honey, four ounces.

Mix. (DAN.; FERR.; FULD.)

The great differences which result from the infinite diversity of these processes are of but little importance, as the syrup is scarcely ever employed except externally. It is used as an astringent in gargles and injections.

SOLUTIVE HONEY OF ROSES.

Mel rosatum solutivum. (SARD.; WIRTEM.)

R. Honey, two pounds.
Juice of Pale Roses, three pounds.

Boil together, skim, and evaporate slowly to the required consistence. (WIRTEM.)

SARD. prescribes an equal part of each.

It is rarely administered internally, but sometimes enters into the composition of lavements.—Dose, from one ounce and a half to two ounces.

DETERGENT GARGLE.

Gargarisma commune. (FORM. HÔP. FR.; GENEV.; RATIER; SAINTE-MARIE; SPIELMANN)

R. Acidulous Infusion of Roses, half a pound.
Honey of Roses, one ounce.

Mix. (GENEV.)

R. Honey of Roses, fifteen parts.
Decoction of Barley, one hundred parts.

Mix. (FORM. HÔP. FR.)

RATIER prescribes one ounce of honey of roses, and one pound of decoction of barley.

R. Leaves of Agrimony, one handful.
Sage, one pinch.
Water, one pound and a half.

Boil for a quarter of an hour; then strain and add

Honey of Roses, two ounces.

Mix. (SAINTE-MARIE)

R. Barley, one ounce.
Water, thirty-two ounces.

Boil down to one half, and add

Leaves of Agrimony, } of each,
Bramble, } two pinches.

Strain, and dissolve in the liquor,

Nitre, one dram.
Honey of Roses, one ounce.
Mix. (SPIELMANN)

DETERGENT GARGLE.

Collutorium detergens seu adstringens.
(BRERA)

R. Honey of Roses, one ounce.
Decoction of Barley, one pound.
Tincture of Lac, twenty drops.
Mix.

R. Honey of Roses, one ounce.
Spirit of Scurvy-grass, } of each,
HOFFMANN'S LIQUOR, } thirty drops.
Decoction of Barley, two pounds.
Mix.

R. Honey of Roses, one ounce.
Decoction of Barley, one pound.
HOFFMANN'S LIQUOR, thirty drops.
Mix.

TINCTURE OF ROSES. (VAN MONS)

R. Fresh Petals of Red Roses, one part.
Proof Spirit, four parts.
Macerate without heat for two days; then express and filter.

VINEGAR OF ROSES.

Acetum Rosæ seu Rosarum. (BRUNS.; DAN.; **HISP.**; FERR.; HANN.; OLDEN.; LUSIT.; PALAT.; POL.; BORUS.; SARD.; SAX.; SUEC.; WIRTEM.; HERBIP.; VAN MONS)

R. Petals of Red Roses, one part.
Vinegar, sixteen parts.
Macerate for fifteen days in a covered vessel, occasionally shaking; then strain and filter.

SARD. prescribes one part of roses, four parts of vinegar, six days' maceration, and a repetition of the infusion once or twice with fresh flowers.—DAN.; FERR.; HANN.; OLDEN.; POL.; BORUS.; SAX.; and VAN MONS prescribe one part of roses, eight parts of vinegar, and ten days' maceration without heat.—HERBIP.—one of roses, nine of vinegar, and three weeks' maceration in the sun.—SUEC.—one of roses, twelve of vinegar, and four days' maceration.—BRUNS.; PALAT.; and WIRTEM.—one of roses, and six of vinegar.

R. Dried Petals of Red Roses, one pound.
Vinegar, eight pounds.
Macerate in the sun for several days, or in a water-bath for several hours; then express, and add

Proof Spirit, two ounces.
Mix. (HISP.)

LUSIT. directs one pound of roses to be

infused in six pounds of vinegar, then to be boiled a little, and half a pound of alcohol added.

COMPOUND VINEGAR OF ROSES.

Acetum Rosarum compositum. (VAN MONS)

R. Dried Flowers of Red Roses, one part and a half.
Sumach, one part.
Quince Wine, four parts.
Vinegar, ten parts.

Macerate without heat for ten days; then express lightly and filter.

VAN MONS also prescribes one part of roses, one of sumach, and twelve of vinegar; to be infused in a moderate heat.

It is astringent and antiseptic, and is recommended externally in hæmorrhages and ecchymoses.

ROSE OIL.

Oleum Rosarum seu rosatum. (BRUNS.; HISP.; GALL.; SARD.; WIRTEM.)

R. Fresh Roses, one part.
Olive Oil, two parts.

Digest for two days in a water-bath, and express when cold. Repeat the operation a second time. (SARD.)

R. Roses, pounded, four parts.
Olive Oil, five parts.

Expose the mixture to the sun for eight days, then boil to the consumption of the humidity, and express. (BRUNS.; HISP.; WIRTEM.)

R. Roses, pounded, one part.
Olive Oil, four parts.

Expose to the sun for three days, and express. Repeat the operation twice again, prolonging the last digestion for three months.

It is extolled against chilblains.

OIL OF ROSES.

Oleum Rosarum æthereum, Ætheroleum Rosarum. (GALL.; SARD.)

R. Fresh Petals of Roses, five parts.
Water, seven parts.

Distil. (GALL.)

SARD. prescribes twenty-five parts of roses, seventy-five of water, and three of muriate of soda.

ROSE WATER.

Aqua Rosæ seu Rosarum. (LOND.; EDINB.; DUBL.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; DAN.; GALL.; FERR.; FENN.; FULD.; GENEV.; HANN.;

HASS.; LIPP.; OLDEN.; LUSIT.; PALAT.; POL.; ROSS.; SAX.; SUEC.; WIRTEM.; HERBIP.; BRUGNATELLI.; COXE.; PIDERIT.; SWEDIAUR.; VAN MONS.)

Aqua Rosæ. (LOND.; DUBL.)

R. Petals of the hundred-leaved Rose, freed from their claws,

eight pounds,
Water, a sufficient quantity,
to prevent empyreuma. Distil a gallon.

Aqua Rosæ Centifoliæ. (EDINB.)

R. Fresh Petals of the hundred-leaved Rose, six pounds,

Water, a sufficient quantity,
to prevent empyreuma. Distil ten pounds.

R. Fresh Rose Petals, three parts,

Water, a sufficient quantity,
to prevent empyreuma. Distil eight parts.

(FERR.; HASS.; PIDERIT)

LUSIT. prescribes six parts of petals and a sufficient quantity of water; eight parts to be distilled.—FENN.; and SUEC.—three of petals and a sufficient quantity of water; six to be distilled.—GENEV.—four of petals and a sufficient quantity of water; six to be distilled.—AMST.; BATAV.; and BELG.—one of petals and a sufficient quantity of water; ten to be distilled.—HANN.; OLDEN.; and POL.—one of flowers and a sufficient quantity of water; five to be distilled.—AMER.—eight of petals and a sufficient quantity of water; eight to be distilled.—ANT.—one of petals and five of water; four to be distilled.—BRUGNATELLI.—three of flowers and fifteen of water, eight to be distilled.—SARD.; and HERBIP.—one of petals and four of water; two to be distilled.—GALL.—one of petals and four of water; one to be distilled.—ROSS.—ten of petals and forty of water; fifteen to be distilled.—BAVAR.—one of petals and nine of water; three to be distilled.—SAX.—one of petals and ten of water; four to be distilled.—PALAT.; and WIRTEM.—one of petals and three of water; one half to be distilled.

R. Fresh Rose Petals, three parts.
Water, twelve parts.

Enclose the petals in a linen bag suspended in the middle of a cucurbit in such a manner that it may not touch the water, and distil six parts without bringing this to ebullition. (FULD.; LIPP.)

R. Fresh Rose Petals, four parts.
Water, a sufficient quantity.

Muriate of Soda, one part.
Distil twenty parts. (SWEDIAUR)

AUSTR. prescribes one part of salted petals and eight parts of water; three parts to be distilled.—DAN.—one of salted flowers and six of water; three to be distilled.

R. Fresh Rose Petals, ten parts.
Proof Spirit, one half part.
Water, one hundred and sixty parts.
Distil forty parts. (VAN MONS)

R. Fresh Rose Petals, one pound.
Water, a sufficient quantity,
to prevent empyreuma. Macerate for two days; then distil ten pounds, and add to the product

Proof Spirit, five ounces.

Mix. (COXE)
Dose, one or two ounces.

SPIRIT OF ROSES.

Spiritus Rosarum. (BRUNS.; PALAT.; SAX.; WIRTEM.)

R. Fresh Roses, two parts.
Alcohol, } of each, one part.
Water, }

Distil one part. (SAX.)

R. Petals of Roses, one pound.
White Wine, ten pounds.
Alcohol, one pound and a half.

Distil one half, and having poured the product upon fresh petals, distil again one half. (BRUNS.; WIRTEM.)

R. Petals of Pale Roses, twelve pounds,
White Sugar, two pounds.
Yeast, half a pound.
Warm Water, thirty pounds.

Leave the mixture to ferment till a vinous odour is exhaled; then distil, and let the product be rectified. (PALAT.; WIRTEM.)

It is cordial and nervine, but is used more externally than internally.

ACID TINCTURE OF ROSES.

Tinctura Florum Rosarum seu Rosarum acidula. (BRUNS.; OLDEN.; POL.; BORUS.; SAX.; WIRTEM.; VAN MONS)

R. Petals of Pale Roses, half an ounce.
Sulphuric Acid, one dram.
Rose Water, four ounces.

Digest for twenty-four hours; then express and filter.

HANN.; OLDEN.; BORUS.; and SAX. prescribe one ounce and a half of petals, half an ounce of acid, and twelve ounces of boiling water; to be macerated for twelve hours.—POL.—one dram of petals, one

dram of acid, and one ounce of water; to be macerated for three hours.

It is temperant.—Dose, from half an ounce to one ounce.

ROSE JULEP.

Julapium rosatum seu Rosarum seu regium, Syrupus regius seu alexandrinus. (BRUNS.; HASS.; PALAT.; WIRTEM.; PIDERIT.; SPIELMANN)

R. Rose Water, twenty ounces.
Sugar, two pounds and a half.

Boil for a few moments, and strain. (PALAT.; WIRTEM.; and SPIELMANN)

BRUNS. prescribes sixteen ounces of water, and two pounds and a half of sugar.—HASS.; and PIDERIT.—nine ounces of water and sixteen of sugar.

ASTRINGENT COLLYRIUM. (RATIER)

R. Rose Water, } of each,
Infusion of Mellilot, } four ounces.

Mix.

DETERGENT MIXTURE. (SAINTE-MARIE)

R. Rose Water, three ounces.
Cream, } of each, one ounce.
White of Egg, }
Syrup of Violets, }

Mix.—It is recommended by BOERHAAVE to be applied to aphthæ and swelled gums.

ROSE OINTMENT.

Unguentum rosatum seu Rosarum seu pomadinum seu refrigerans seu Aqua Rose. (AMER.; BRUNS.; HISP.; GALL.; FENN.; FERL.; FULD.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; PALAT.; POL.; BORUS.; ROSS.; SAX.; SARD.; SUCC.; WIRTEM.; HERBIP.; BRUGNATELLI.; COXE.; PIDERIT.; SPIELMANN.; SWEDIAUR.; VAN MONS)

R. Lard, any quantity.
Triturate with a wooden pestle, gradually adding,

Rose Water, a sufficient quantity; or, till the lard becomes of a snowy whiteness. (SAX.; SUCC.)

FENN.; and LUSIT. prescribe eight parts of lard and one part of rose water.

R. Lard, thirty-two ounces.

Add to it by drops,

Rose Water, four ounces.

When the mixture is very white, add some essential oil, such as that of lavender, to it. (ROSS.)

BRUNS.; WIRTEM.; and HERBIP. pre-

scribe one pound of lard washed with rose water, and twelve drops of oil of rhodium.—SPIELMANN—twelve ounces of lard washed with rose water, and sixteen drops of oil of rhodium.—SWEDIAUR—one pound of lard washed with rose water, and one dram of oil of rhodium.

R. Lard, two pounds.
Mutton Suet, three ounces.

Melt together, and pour the mass into rose water; stir well, let the ointment cool, and dry it. One dram of oil of rhodium may be added to each pound. (BRUNS.)

AMER.; and COXE direct half an ounce of spermaceti and one dram of white wax to be melted in two ounces of oil of almonds, and two ounces of rose water to be stirred with the mixture till cold.

R. Lard, washed with rose water, eight ounces.
White Wax, two ounces.

Melt slowly together, and when cold, add gradually,

Rose Water, three ounces.
Oil of Lemon, one dram.

Mix well. (HANN.; POL.; and BORUS.)

VAN MONS directs one part of white wax to be melted and added to four parts of lard, and one ounce and a half of rose water to be gradually incorporated in the mixture.—FULD.—thirty-two ounces of lard to be triturated with four ounces of rose water, the mixture then melted, the water separated, and the lard triturated with thirty drops of oil of lemon.—LIPP.—one pound of lard to be triturated with two ounces of rose water and two ounces of orange-flower water, the mixture to be then melted, the water separated, and the lard incorporated with twenty-four drops of oil of bergamotte and fifteen of oil of lavender.

R. Lard, one pound.
Rose Water, } of each,
Orange-flower Water, } two ounces.
Oil of Lemon, twenty-four drops.
— Lavender, fifteen drops.
— Cloves, twelve drops.

Mix. (HASS.; OLDEN.; PIDERIT)

SWEDIAUR prescribes one pound of lard, half an ounce of orange-flower water, three ounces of rose water, twelve drops of oil of lemon, and twelve of oil of cloves.

R. Lard, ten ounces.
White Wax, two ounces.

Melt together, and add,
Rose Water, three ounces.
Orange-flower Water, one ounce.

Set aside for twenty-four hours; then pour off the water, and triturate the lard with

Oil of Lavender, } of each, half a dram.
— Lemon, }

Mix. (NIEMANN)

R. Lard, washed with rose water, twelve ounces.
Rose Water, three ounces.
Orange-flower Water, } of each,
Spirit of Roses, } half an ounce.
Oil of Lavender, } half a dram.
— Rhodium, } of each,
— Lemon, } sixteen drops.

Mix. (SPIELMANN)

R. Rose Oil, one pound.
White Wax, three ounces.

Melt together, wash the mixture in water, and agitate it well that it become white. (WIRTEM.)

SARD. prescribes one pound and a half of rose oil and six ounces of wax.

R. Lard, three pounds.
Storax, } of each, one ounce.
Benzoin, }
Iris, }
Lemons, } of each, two.
Oranges, }
Rennet Apples, four.

Boil to the consumption of the humidity, and add,

Oil of Cinnamon, } of each,
— Cloves, } twenty-five drops.

Beat the whole together with spirit of roses. (PALAT.)

R. Cloves, two drams.
Cinnamon, } of each, three drams.
Benzoin, }
Storax, }
Mace, } two scruples.

Lavender, } of each, one dram.
Rhodium Wood, }
Aloe Wood, }
Sassafras Wood, } half a dram.
Florentine Iris, one ounce.
Rose Water, half a pound.
Lard, one pound.
Pulp of Rennet Apples, six ounces.
Goat's Suet, four ounces.

Boil slowly, and then digest for three days; then boil again till all the water is evaporated: agitate the strained liquid with rose water till it becomes white, and add,

Oil of Rhodium, twenty drops.

Mix. (NIEMANN)

This formula is by CARTHEUSER. It is to this preparation that the term pomatum or pommadine ointment (*pommade ou onguent pommadin*) is applied.

R. Lard, washed with rose water, } of each,
Pale Roses, bruised, } an equal part.

Leave together for two days, then melt the lard, and macerate it with an equal quantity

of roses for two other days; then liquify again in a water-bath, and set it aside. (GALL.)

BRUGNATELLI directs two pounds of lard and three ounces of suet to be melted together, two ounces of red roses and half an ounce of alkanet to be added, the mass to be strained, and stirring till it becomes cold.—SARD.—two pounds each, of red roses and of pale roses to be digested in six pounds of lard for three days in a water-bath, the liquid to be expressed, six ounces of wax added, melted, and the mixture set apart, decanted, and finally cooled.

R. Lard, twelve pounds.
Petals of Red Roses, six pounds.

Macerate for three days, then boil to the consumption of the humidity, and express. (HISP.)

PALAT.; and WIRTEM. direct one pound of lard to be boiled with four ounces of roses to the consumption of the humidity; the liquid to be then expressed, and three grains of essence of roses added.

R. Lard, nine pounds.
Mutton Fat, one pound.
Fresh Rose Petals, nine pounds.

Digest the petals for one day in the fats melted together, and express. (FERR.)

SPECIES OF HYACINTH. (BRUNS.; PALAT.; WIRTEM.)

R. Prepared Hyacinth, } of each,
Armenian Bole, } one dram and
Lemnian Bole, } a half.
Prepared Red Coral, }
— Pearls, } of each,
— Emeralds, } one dram.
— Hartshorn, }
— Ivory Shavings, }
— Bone of Ox-heart, }
Root of Fraxinella, }
— Tormentil, }
White Sanders, } of each,
Yellow Sanders, } four
Red Sanders, } scrup-
Petals of Red Roses, } ples.
Kermes Grains, }
Seeds of Sorrel, }
— Lemon, }
— Purslain, }
Saffron, }
Myrrh, }

These are called *complete*, when the addition is made of

Ambergris, } of each, four scruples.
Musk, }

Make a powder.

It is slightly astringent.—Dose, from half a scruple to one scruple.

POWDER AGAINST ABORTION.

Pulvis contra abortum. (PALAT.; WIRTEM.)

R. Kermes Grains, half an ounce.
Red Sanders, }
Petals of Red Roses, } of each,
Prepared Red Coral, } three drams.
Ivory Shavings, }
Mastic, } of each, one dram.
Nutmegs, }
White Sugar, }
an equal weight of the whole.

Mix. (WIRTEM.)

PALAT. prescribes one dram of kermes, half a dram of red sanders, one scruple of cloves, two scruples of nutmeg, half a dram of tormentil, one scruple each, of pearls, of red coral, and of white coral, and three drams of sugar.—Dose, one dram.

In common with all stimulants, this powder would be more likely to occasion than to prevent abortion.

RED CEPHALIC POWDER. (VAN MONS)

R. Red Roses, six ounces.
Tartaric Acid, half an ounce.
Florentine Iris, six ounces.

Pulverize, and moisten the mixed powders with rose water.

ODORIFEROUS POWDER.

Pulvis nasalis odoratus. (PALAT.)

R. Petals of Red Roses, six drams.
Flowers of Star-thistle, } of each,
— Marigold, } one dram.
— Wallflower, }
Florentine Iris, two drams.
Marjoram, } of each, one scruple.
Wild Thyme, }
Thyme, }

Add to the powder,

Oil of Rhodium Wood, four drops.
— Cloves, six drops.

Mix.

DIARRHODON POWDER.

Pulvis seu Species Diarrhodon. (PALAT.; SARD.; WIRTEM.)

R. Petals of Red Roses, two ounces.
White Sanders, } of each, half an ounce.
Red Sanders, }
Liquorice, } of each, two drams.
Seeds of Anise, }
— Sweet Basil, }
Cinnamon, }
Spikenard, }
Rhubarb, } of each,
Saffron, } one dram.
Ivory Shavings, }
Prepared Hartshorn, }
Mastic, }
Prepared Mother of Pearl, }

Make a powder. (PALAT.; WIRTEM.)

- R. Red Roses, two ounces.
 Yellow Sanders, one ounce.
 Lesser Cardamoms, }
 Cinnamon, } of each,
 Saffron, } one dram.
 Mastic,
 Spikenard,
 Fennel, }

Make a powder. (SARD.)

It is stomachic.—Dose, from half a dram to two scruples.

SPECIES FOR AN EPITHEM.

Species pro Epithemate Cordis et Pulsuum. (PALAT.; WIRTEM.; SPIELMANN)

- R. Herb of Rosemary, } of each,
 Marjoram, } half an
 Balm, } ounce.
 Flowers of Yellow Wallflower,
 Clove-pink,
 Lavender,
 Roses, }
 Mace, } of each,
 Nutmegs, } six drams.
 Aloe Wood,
 Rhodium Wood,
 Cinnamon,
 Lemon Peel, } of each, three drams.
 Orange Peel, }

Cut, bruise, and mix. (WIRTEM.)

SPIELMANN directs the mixture to be powdered.

- R. Flowers of Bugloss, } of each,
 Borage, } half a handful.
 Balm, }
 White Sanders,
 Red Sanders, } of each,
 Yellow Sanders, } two drams.
 Petals of Red Roses,
 Lemon Peel,
 Seeds of Sorrel, } of each,
 Aloe Wood, } one dram and a half.
 Cloves, }

- Doronica, }
 Red Behen, } of each,
 White Behen, } four scruples.
 Amber, }

Make a powder. (PALAT.)

SPECIES AGAINST GANGRENE.

Species pro Decocto ad Gangranam. (PALAT.; WIRTEM.; VAN MONS)

- R. Leaves of Horehound, }
 Pennyroyal, } of each,
 Rue, } one part.
 Rosemary,
 Sage,
 Scordium,
 Flowers of Chamomile, }
 Red Roses, } of each,
 Elder, } two parts.
 Marshmallows, six parts.
 Seeds of Fenugreek, eight parts.
 Flax, twenty-four parts.

Cut, bruise, and mix. (VAN MONS)

- R. Herb of Milfoil, } of each,
 Wormwood, } six drams.
 Scordium,
 Sage, } of each,
 Hyssop, } half an
 Rue, } ounce.
 Flowers of Elder,
 St. John's-wort, }
 Roses, } one ounce.
 Myrrh, } six drams.
 Aloes, } of each, half an ounce.
 Assafoetida, }
 Litharge, } six ounces.

Cut, bruise, and mix. (PALAT.; WIRTEM.)

These species are boiled in five pounds of water and two of vinegar, and the decoction applied by means of flannel.—From four to six ounces of camphorated spirit may be added.—At the present day emollients, instead of stimulants, are preferred to be employed against gangrene.

ROSMARINUS OFFICINALIS, LINN.—ROSEMARY.

SYNONIMES:—Romarin, FR.; Rosmarin, GERM.; DAN.; and SWED.; Hasalban achsir, ARAB.; Rosmaryn, BOHEM.; DUT.; and POL.; Yong tsao, CHIN.; Tay-duong-choi, COCHIN.; Romero, SPAN.; Ramerino, Rosmarino, ITAL.; Alecrim, PORT.

LOND.; EDINB.; DUBL.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FENN.; FORM. HÔP. FR.; VOL. II.

FULD.; GENEV.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; POL.; BORUS.; ROSS.; SAX.; SUEC.; WIRTEM.; HERBIF.; AINSLIE.; BERGIUS.; BRUGNATELLI.; COXE.; GUIBOURT.; MURRAY and GME-LIN.; PIDERIT.; SPIELMANN.; ZARDA.

A plant of the south of Europe. (*Dian-dria Monogynia*, LINN.; *Labiata*, JUSS.; *Fig. Flore Medic. VI. 300*)

The flowering herb (*Herba et Flores An-3 X*)

thos seu *Rosmarini* seu *Rorismarini hortensis*) is employed. It consists of slender, long, ash-coloured branches, bearing sessile, opposite, rather hard, narrow, linear leaves, green above, whitish beneath, rolled at the edges, and furnished with pale blue flowers disposed in small tufted racemes, axillary, opposite. It has a very penetrating, agreeable odour, and an aromatic, camphorous, and subacid taste.

Internally it is stimulant, externally resolvent.—Dose, from ten grains to two scruples of the powder.

CONSERVE OF ROSEMARY.

Conserva Anthos. (AMST. ; BATAV. ; BELG. ; SARD. ; WIRTEM. ; CADET DE GASSICOURT)

R. Flowers of Rosemary, bruised, one part.
White Sugar, three parts.

Mix. (AMST.)

BATAV. ; BELG. ; and WIRTEM. prescribe one part of flowers and two parts of white sugar.—SARD.—one of flowers and three of sugar.—CADET DE GASSICOURT—one of flowers in powder, four of sugar, and a sufficient quantity of water.

AROMATIC POWDER. (RATIER)

R. Rosemary, } of each, four ounces.
Sage, }
Thyme, }
Muriate of Ammonia, } of each,
Camphor, } twenty grains.

Pulverize, and mix.—DUPUYTREN applies it, instead of cinchona, in gangrene and hospital gangrene.

AROMATIC SPECIES. (FULD.)

R. Root of Florentine Iris, }
Zedoary, } of each,
Herb of Balm, } six drams.
Rosemary, }
Wild Thyme, }
Flowers of Lavender, }
Cloves, } of each, two drams.
Nutmeg, }
Cinnamon, }

Mix.—They are resolvent, nervine, and corroborant. To be applied in bags.

DIANTHOS SPECIES. (WIRTEM.)

R. Root of Liquorice, six drams.
Ginger, }
Zedoary, } of each,
Galanga, } four scruples.
Aloe Wood, }

Cinnamon, }
Cloves, } of each,
Lesser Cardamoms, } four scruples.
Mace, }
Nutmegs, }
Spikenard, }
Flowers of Rosemary, one ounce.
Roses, } of each,
Violets, } six drams.
Seeds of Anise, } of each,
Fennel, } four scruples.

Make a powder.—Dose, from half a dram to one dram.—They are cephalic, stomachic, and carminative.

EXTRACT OF ROSEMARY.

Extractum Rorismarini. (HERBIP.)

R. Flowering Tops of Rosemary, } of each,
Alcohol, } one pound.
Water, eight pounds.

Digest for three days at a moderate temperature ; then express, and set aside and decant the liquor : distil off the alcohol, and evaporate the remainder to the proper consistence.

INFUSION OF ROSEMARY. (FORM. HÔP. FR.)

R. Flowering Tops of Rosemary, } of each,
Liquorice, } two drams
Boiling Water, a sufficient quantity and a half.
to obtain two pounds of strained liquor.

Dose, one or two ounces.

HONEY OF ROSEMARY.

Mel Rorismarini seu anthosatum. (FULD. ; PALAT. ; SARD. ; WIRTEM. ; SPIELMANN)

R. Fresh Flowers of Rosemary, eight ounces.
Spring Water, four ounces.
Warm Despumated Honey, two pounds.

Digest for ten or twelve days in a warm place ; then boil in a water-bath, and express. (PALAT. ; WIRTEM.)

SARD. directs four pounds of honey and two pounds of flowers to be digested and then boiled in a water-bath.—SPIELMANN—eight ounces of dried herb to be digested for several days with twenty-four ounces of despumated honey.—FULD.—one part of infusion of rosemary to be mixed with four parts of despumated honey.

It is excitant, cephalic, anti-colical, carminative, and uterine.—It may be added to lavements.

AROMATIC BATH. (CADET DE GASSICOURT)

- R. Rosemary, }
 Thyme, } of each, half a pound.
 Sage, }
 Origanum, }
 Mint, }
 Water, a sufficient quantity.

Add to the decoction,

- Tincture of Soap, four ounces.
 Muriate of Ammonia, two ounces.

Dissolve, and mix.

VINEGAR OF ROSEMARY.

Acetum Rosmarini. (GALL.)

- R. Flowers of Rosemary, one part.
 Vinegar, sixteen parts.

Macerate for fifteen days in a covered vessel, occasionally agitating; then strain and filter.

AROMATIC VINEGAR.

Acetum seu Acidum aceticum aromaticum seu odoratum. (EDINB.; DAN.; FERR.; HANN.; OLDEN.; LUSIT.; POL.; BORUS.; SUEC.; WIRTEM.; COXE; FEE; HUFELAND; SPIELMANN)

Acidum aceticum aromaticum. (EDINB.; COXE)

- R. Dried Tops of Rosemary, } of each,
 mary, } one
 — Leaves of Sage, } ounce.
 — Flowers of Lavender, }
 half an ounce.
 Cloves, half a dram.
 Dilute Acetic Acid, two pounds.

Macerate for seven days, and filter the expressed liquor.

LUSIT.; SUEC.; FEE; and SWEDIAUR prescribe four ounces each, of rosemary and of sage, two ounces of lavender, two drams of cloves, and eight pounds of vinegar.

- R. Herb of Wormwood, }
 — Rosemary, } of each,
 — Sage, } two ounces.
 — Peppermint, }
 Cinnamon, half an ounce.
 Cloves, }
 Nutmegs, } of each, two drams.
 Vinegar, eight pounds.

Digest in a sand-bath, express and filter. (DAN.; OLDEN.)

- R. Root of Zedoary, } of each,
 Cloves, } half an ounce.

- Herb of Wormwood, }
 — Rosemary, } of each,
 — Sage, } two ounces.
 — Peppermint, }
 Vinegar, eight pounds.

Macerate. Add to the expressed liquor Spirit of Rosemary, four ounces.

Mix. (HANN.; POL.; BORUS.; HUFELAND)

- R. Root of Round Cyperus, } of each,
 — Lesser Galanga, } half an
 — Zedoary, } ounce.

- Herb of Rosemary, }
 — Sage, } of each,
 Flowers of Lavender, } three
 — Lily of the Valley, } drams.
 — Red Roses, }

- Rhodium Wood, }
 Cinnamon, } of each.
 Cloves, } two drams.
 Fresh Lemon Peel, }
 Vinegar, two pounds.

Digest for three days, and filter. (WIRTEM.; SPIELMANN)

- R. Root of Zedoary, } of each,
 — Galanga, } half an ounce.

- Herb of Rosemary, }
 — Rue, } of each,
 — Marum, } two drams.

- Flowers of Lavender, }
 Fresh Lemon Peel, } of each,
 Cloves, } half an ounce.
 Cubeb, }
 Lesser Cardamoms, }

- Vinegar, forty ounces.
 — of Lily of the Valley, } of each,
 — Clove-pink, } two ounces.

Macerate, and strain. (SPIELMANN)

- R. Tops of Rosemary, } of each,
 — Wormwood, } one ounce and
 — Sage, } a half.
 — Rue, }

- Sweet Flag, } of each, two drams.
 Cinnamon, }
 Cloves, }
 Vinegar, six pounds.

Infuse for eight days. Add to the expressed and strained liquor,

- Camphor, one ounce.

Two drams of garlic may be added. (FERR.)

This last formula furnishes a preparation which much resembles the *Thieves' Vinegar*.

ESSENCE OF ROSEMARY.

Essentia Rosmarini. (BRUNS.)

- R. Flowering Tops of Rosemary, }
 — one ounce and a half.
 Spirit of Rosemary, six ounces.

Digest, express, and filter.

It is excitant.

AROMATIC FOMENTATION.

Fomentum aromaticum. (AUGUSTIN)

- R. Herb of Rosemary, half an ounce.
 Red Wine, } of each, three ounces.
 Water, }
 Infuse, and express.

INFUSED OIL OF ROSEMARY.

Oleum Rorismarini. (HISP.)

- R. Flowers, one part.
 Olive Oil, three parts.

Digest for three or four days; then boil to the consumption of the humidity, and express.

ESSENTIAL OIL OF ROSEMARY.

Oleum Anthos athereum, Aetheraleum Anthos seu Rorismarini. (LOND.; EDINB.; DUBL.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; GALL.; FERR.; FULD.; GENEV.; HANN.; LIPP.; OLDEN.; PALAT.; POL.; BORUS.; ROSS.; SARD.; SAX.; SUEC.; HERBIP.; BRUGNATELLI; COXE; SWEDIAUR)

Oleum Rosmarini. (LOND.; DUBL.)*Ol. Volatile Rorismarini Officinalis.* (EDINB.)

- R. Tops of Rosemary, any quantity.
 Water, a sufficient quantity
 to prevent empyreuma. Distil.

AMER.; AMST.; BATAV.; BELG.; FERR.; GENEV.; ROSS.; SUEC.; BRUGNATELLI; and COXE prescribe the same.

ANT. prescribes three parts of flowers, and ten of water.—GALL.—five of flowers, and seven of water.—FULD.; and LIPP.—one of flowers, and three of water.—SWEDIAUR—one of flowers, and four of water.—DAN.—one of flowers, and six of water.—HANN.; OLDEN.; POL.; BORUS.; and SAX.—one of flowers, and eight of water.—BAVAR.—one of flowers, and nine of water.—AUSTR.—one of flowers, and twelve of water.

- R. Flowering Herb of Rosemary, twenty-five parts.
 Water, seventy-five parts.
 Muriate of Soda, three parts.
 Macerate for three days, and distil. (BRUNS.; PALAT.; SARD.)

- R. Herb of Rosemary, any quantity.
 Distilled Water of Rosemary, a sufficient quantity.

Distil. (HERBIP.)

Dose, from two to five drops.

NERVINE BALSAM.

Balsamum apoplecticum seu aromaticum seu cephalicum Saxonicum seu nervinum seu Scherzeri seu stomachicum, Linimentum aromaticum stimulan, Unguentum aromaticum seu nervinum. (BRUNS.; DAN.; GALL.; FENN.; FULD.; HANN.; HASS.; LIPP.; PALAT.; SAX.; SUEC.; WIRTEM.; HERBIP.; CADET DE GASSICOURT; NIEMANN; PIDERIT; SPIELMANN; SWEDIAUR; VAN MONS)

1. *With Balsam of Peru.*

- R. Expressed Oil of Nutmeg, one ounce.
 Oil of Rosemary, } of each, one dram.
 — Cloves, }
 — Amber, half a dram.
 Balsam of Peru, one dram.

Triturate together. (LIPP.)

PIDERIT prescribes one ounce of oil of nutmeg, one dram each, of oil of cloves and of oil of lavender, one scruple of oil of amber, and one dram and a half of balsam.—SAX.—one ounce of oil of nutmeg, one dram each, of oil of cloves and of oil of rosemary, one scruple of oil of amber, and one dram and a half of balsam.—HASS.—one ounce of oil of nutmeg, one dram each, of oil of cloves and of oil of peppermint, one scruple of oil of amber, and one dram and a half of balsam.—VAN MONS—three ounces of oil of nutmeg, half an ounce each, of oil of cloves, of oil of lavender, and of oil of amber, and two drams of balsam.—SWEDIAUR—three drams of oil of nutmeg, one scruple each, of oil of cloves and of oil of amber, and one dram and a half of balsam; or, one ounce of oil of nutmeg, one dram each, of oil of cloves and of oil of lavender, one scruple of oil of amber, and one dram and a half of balsam.—DAN.—one ounce of oil of nutmeg, half a dram each, of oil of cloves, of oil of lavender, and of oil of rosemary, half a scruple of oil of amber, and one dram of balsam.

- R. Oil of Nutmeg, three parts.
 Oil of Cloves, } of each one part.
 — Benzoin, }
 Balsam of Peru, }

Mix. (NIEMANN)

- R. Oil of Nutmeg, one ounce.
 — Wornwood, }
 — Orange, } of each,
 — Cloves, } half a dram.
 — Mace, }
 — Mint, }
 Balsam of Peru, one dram.

Mix. (PALAT.; WIRTEM.)

HANN. gives the same formula, but omits the oil of orange.

R. Oil of Nutmeg, one ounce.
 — Rosemary, }
 — Lavender, } of each, half a dram.
 — Cloves, }
 — Amber, }
 Musk, triturated with } of each,
 Alcohol, } half a scruple.
 Balsam of Peru, one dram.

Mix. (BRUNS.)

R. Oil of Nutmeg, three ounces and a half
 — Jessamine, } of each,
 — Cinnamon, } one dram and
 — Rhodium, } a half.
 — Lavender, }
 — Marjoram, } of each, one dram.
 — Cloves, }
 — Rue, } of each,
 — Amber, } one scruple.
 Musk, } of each,
 Ambergris, } sixteen grains.
 Civet, half a scruple.
 Balsam of Peru, two scruples.
 Burnt Ivory, a sufficient quantity.

Mix. (WIRTEM.; SPIELMANN)

PALAT. prescribes one ounce of oil of nutmeg, one scruple each, of oil of rosemary, of oil of cloves, and of oil of cinnamon, half a scruple each, of oil of lavender, of oil of rhodium, of oil of marjoram, of oil of rue, and of oil of amber, one dram and a half of balsam, and a sufficient quantity of soot of amber.

R. Oil of Palm, }
 — Nutmeg, } of each,
 Stag's Marrow, } four ounces.
 Beef Marrow, }
 Human Fat, }
 Viper's Fat, } of each,
 Badger's Fat, } one ounce.

Melt slowly, and add.

Oil of Lavender, }
 — Mint, } of each, one dram.
 — Rosemary, }
 — Sage, }
 — Thyme, }
 — Cloves, }
 Camphor, two drams.
 Balsam of Peru, one ounce.

Mix. (SPIELMANN)

R. Beef Marrow, } of each,
 Oil of Nutmeg, } four ounces.

Melt together. Pour the mass into a wide mouthed bottle, and add

Oil of Rosemary, two drams.
 — Cloves, } of each, one dram.
 Camphor, }
 Balsam of Peru, dissolved in half
 an ounce of alcohol (36 de-
 grees), two drams.

Melt together in a water-bath. (GALL.; CADET DE GASSICOURT)

2. Without Balsam of Peru.

R. Oil of Nutmeg, one ounce.
 Yellow Wax, two drams.
 Melt slowly, and add
 Oil of Cloves, } of each,
 — Lavender, } two drams.
 — Amber, } half a scruple.

Mix. (FENN.; SUEC.)

R. Mutton Suet, two pounds.
 Oil of Chamomile, } of each,
 — Marjoram, } fourteen ounces.

Melt together, withdraw it from the fire, and add

Oil of Rosemary, two ounces.

Mix. (HERBIP.)

R. Oil of Nutmeg, one ounce.
 — Amber, } of each,
 — Cloves, } half a dram.
 — Lavender, } of each, one dram.
 — Juniper, }

Mix without heat. (FULD.)

R. Oil of Nutmeg, one hundred and twenty parts.
 — Lavender, } of each, four parts.
 — Amber, }
 — Rosemary, } six parts.
 — Marjoram, } of each,
 — Peppermint, } three parts.
 — Mace, } two parts.

Triturate together. (NIEMANN)

CADET DE GASSICOURT prescribes thirty-three drams of oil of nutmeg, one dram and a half each, of oil of lavender and of oil of amber, one dram each of oil of origanum, of oil of sage, of oil of marjoram, and of oil of rosemary, and two scruples each, of oil of rue, of oil of mace, and of oil of mint.

—SPIELMANN—one ounce and a half of oil of nutmeg, two drams each, of oil of marjoram, of oil of lavender, of oil of rosemary, of oil of amber, and of oil of wild thyme, and one scruple each, of oil of rue, of oil of penny-royal, of oil of balm, of oil of mint, and of oil of cardamoms.—BRUNS.—two ounces and a half of oil of nutmeg, half an ounce of oil of mint, one dram each, of oil of orange, of oil of cloves, and of oil of mace, half a dram each, of oil of rosemary, of oil of lavender, of oil of wormwood, of oil of cummin, and of oil of dill, a small quantity of rose oil, and half an ounce of white wax.—WIRTEM.—one scruple each, of oil of lavender and of oil of amber, fifteen grains each, of oil of penny-royal, of oil of marjoram, of oil of sage, of oil of rosemary and of oil of savory, half a scruple each, of oil of rue and of oil of mace, twelve grains each, of oil of mint and of oil of origanum, and half an ounce of oil of nutmeg.

R. Oil of Nutmeg, one ounce.

Oil of Amber,	half a dram.
— Roses,	of each,
— Cinnamon,	one scruple.
— Lavender,	of each,
— Marjoram,	fifteen grains.
— Rue,	of each,
— Benzoin,	half a scruple.
— Cloves,	} of each, four grains.
— Lemon,	
Ambergris,	one dram and a half.
Civet,	four scruples.
Musk,	one dram.

Mix. (SWEDIAUR)

All these preparations are intrinsically the same; they scarcely differ from HOFFMANN'S Balsamum Vitæ except by the absence of alcohol. They are employed externally in frictions to the abdomen, in flatulent colic, obstinate diarrhœa, and the gripes of infants; to the temples, in cephalalgia; to the hands held before the eyes in weakness of sight and lippitude; and to the limbs of weak children. A few drops are also taken with sugar, in dyspepsia.

HOFFMANN'S BALSAMUM VITÆ.

Balsamum Vitæ Hoffmanni seu ad modum Hoffmann, Mixtura oleosa-balsamica seu Succinea, Liquor balsamico-aromaticus, Tinctura Succini aromatica. (BRUNS.; DAN.; OLDEN.; BORUS.; SAX.; SUEC.; WIRTEM.; AUGUSTIN.; BORIES.; CADET DE GASSICOURT.; NIEMANN.; SPIELMANN.; SWEDIAUR.; VAN MONS.)

R. Oil of Rosemary,	half an ounce.
— Amber,	two drams.
Alcohol,	one pound.

Mix. (BORIES)

R. Dried Flowers of Lavender,	} of each,
— Leaves of Marjoram,	
— Rue,	ounce.
Fresh Lemon Peel,	half an ounce.
Lesser Cardamoms,	} of each,
Cloves,	
Mace,	
Proof Spirit,	thirty-two ounces.
Water,	sixty-four ounces.

Distil eighteen ounces of liquid, and dissolve in this product

Balsam of Peru,	one dram and a half.
Oil of Amber,	half a dram.

Preserve. (VAN MONS)

R. Oil of Lavender,	} of each,
— Marjoram,	
— Cloves,	
— Mace,	
— Cinnamon,	
— Rue,	one scruple.
— Rue,	ten drops.
Balsam of Peru,	half a dram.
Concentrated Alcohol,	ten ounces.

Digest without heat and filter through cotton. (OLDEN.; BORUS.; NIEMANN)

SAX. prescribes one part each, of the oils of lavender, of marjoram, of cloves, of mace, of cinnamon, and of lemon, one half part each, of the oils of rue and of amber, one part and a half of balsam of Peru, and two hundred and forty parts of concentrated alcohol; to be infused for four days without heat.—DAN.—one scruple each, of the oils of lavender, of cloves, of mace, and of cinnamon, ten drops of oil of amber, half a dram of balsam of Peru, ten ounces of concentrated alcohol, and a little alkanet to colour the tincture.—BORIES—ten drops each, of the oils of cinnamon, of lavender, of cloves, of lemon, of rosemary, and of amber, twenty drops of balsam of Peru, and two ounces of rectified spirit.

R. Balsam of Peru,	} of each,
Oil of Lavender,	
— Marjoram,	
— Cloves,	
— Lemon,	
— Mace,	
— Cinnamon,	
— Rue,	} one scruple.
— Amber,	
Ambergris,	

Mix together, and dissolve in

Concentrated Alcohol, ten ounces.

Preserve. (BRUNS.; WIRTEM.)

AUGUSTIN prescribes fifteen grains of balsam of Peru, ten drops each, of the oils of lavender, of marjoram, of cloves, of wild thyme, of rue, and of amber, and five ounces of alcohol.—SPIELMANN—one scruple each, of the oils of lavender, of marjoram, of cloves, of cubeb, of cardamoms, of cinnamon, and of lemon, two scruples of oil of mace, half a scruple each, of the oils of rue and of amber, of the balsam of Peru, and of ambergris, and twenty ounces of alcohol.—CADET DE GASSICOURT—one scruple each, of the oils of lavender, of marjoram, of cloves, of mace, of cinnamon, and of lemon, half a scruple each, of the oils of rue and of amber, and of ambergris, and five ounces of alcohol.—HUFELAND; and NIEMANN—half a dram each, of the oils of lavender, of rosemary, of bergamotte, of juniper, and of turpentine, and ten ounces of alcohol.—SWEDIAUR—ten drops each of the oils of lavender, of marjoram, of cloves, of mace, of cinnamon, of lemon, of rue, and of amber, half a dram of balsam of Peru, and ten ounces of alcohol; ten grains of musk and fifteen of ambergris may be added.—LIPP.—one scruple each, of the oils of rosemary, of marjoram, of cloves, of cinnamon, of rue, and of lemon, half a scruple of oil of amber, half a dram of balsam of Peru, ten grains of ambergris, fifteen grains of musk, and ten ounces of alcohol; to be digested without heat for four days.

- R. Oil of Amber, one part.
 Balsam of Peru, three parts.
 Lavender Water, } of each, one hundred
 Eau de Cologne, } and twenty parts.

Dissolve, digest for several days, and filter. (VAN MONS)

- R. Oil of Cloves, }
 — Cinnamon, } of each,
 — Lavender, } one scruple.
 — Nutmegs, }
 Tincture of Amber, four ounces.

Mix. (SUEC.)

It is excitant, nervine, cephalic, and stomachic.—Dose, from ten to twenty drops.—It is also used as an embrocation.

We have placed this preparation in the article of rosemary, although the oil of rosemary does not enter into all the formulae, that it might not be separated from the preceding ones, to which it has a great resemblance.

OPHTHALMIC BALSAM. (AUGUSTIN)

- R. HOFFMANN'S Balsam, one ounce.
 Solution of Ammonia, one dram.
 Oil of Chamomile, twenty drops.
 Concentrated Alcohol, half an ounce.

Mix.—It is recommended by LÆBEL DE LÆBENSTEIN, in lotions to the forehead, eyelids, and cheeks, in weakness of the sight.

COMPOUND OINTMENT OF ROSEMARY.

Unguentum Rosmarinari compositum. (CAST. BORUS.)

- R. Yellow Wax, one ounce.
 Lard, three ounces.

Melt, and add to the mixture when half cold,

- Oil of Rosemary, }
 Subcarbonate of } of each,
 Ammonia, } half an ounce.

Mix. (CAST. BORUS.)

AROMATIC OINTMENT.

Unguentum aromaticum. (AUGUSTIN)

- R. Compound Ointment of Rosemary, two ounces.

- Oil of Lavender, }
 — Cajeput, } of each,
 — Mint, } one scruple.
 — Chamomile, }

Mix.—It is useful in asthenic, nervous, and paralytic affections.

DISTILLED WATER OF ROSEMARY.

Aqua Anthos. (AMST.; AUSTR.; BATAV.; BELG.; VAN MONS)

- R. Flowering Herb of Rosemary, one part.

Water, a sufficient quantity.
 Infuse for twenty-four hours, and distil ten parts. (AMST.; BATAV.; BELG.)

WIRTEM. prescribes one part of herb and six parts of water.—AUSTR.—one of herb and twelve of water; four to be distilled.

SPIRIT OF ROSEMARY.

Spiritus Anthos seu Rorismarini. (LOND.; DUBL.; EDINB.; AMST.; ANT.; AUSTR.; BRUNS.; DAN.; HISP.; GALL.; FENN.; FERR.; FULD.; GENEV.; HANN.; LIPP.; OLDEN.; LUSIT.; PALAT.; POL.; BORUS.; ROSS.; SARD.; SAX.; SUEC.; WIRTEM.; HERBIP.; BRUGNATELLI; COXE; SPIELMANN; SWEDIAUR)

Spiritus Rosmarini. (LOND.)

- R. Fresh Tops of Rosemary, two pounds.
 Proof Spirit, one gallon.
 Water, a sufficient quantity,

to prevent empyreuma. Macerate for twenty-four hours; then distil a gallon with a gentle heat.

Spiritus Rorismarini officinalis. (EDINB.)

- R. Fresh Tops of Rosemary, two pounds.
 Alcohol (sp. gr. 835), eight pounds.

Distil seven pounds in a water-bath.

Spiritus Rorismarini. (DUBL.)

- R. Fresh Tops of Rosemary, one pound and a half.
 Proof Spirit, one gallon.

Distil five pints with a moderate heat.

AMER.; and COXE give the same formula, as LOND.—HANN.; OLDEN.; PALAT.; BORUS.; and SAX. prescribe one part of flowers, four parts of alcohol, and a sufficient quantity of water.—BRUGNATELLI—one pound two ounces of flowers and eight pounds of proof spirit, three fourths to be distilled.—SUEC.—one part of flowers, four parts of alcohol, and two of water; two to be distilled.—FENN.—one of flowers, two of alcohol, and two of water; two to be distilled.—HISP.—one of flowers and two of proof spirit; one to be distilled.

- R. Flowers of Rosemary, twelve parts.
 Alcohol, six parts.
 Water, two parts.

Distil slowly six parts, and pour the product upon,

Fresh Flowers of Rosemary, twelve parts.
Water, two parts.

Distil six parts. (SWEDIAUR)

R. Flowering Herb of Rosemary, twelve parts.
Alcohol (22 degrees), thirty-six parts.
Distilled Water of Rosemary, twelve parts.

At the end of four days distil thirty parts. (GALL.)

ROSS. prescribes half a pound of rosemary, one pound of rosemary water, and four pounds of alcohol; three pounds to be distilled.

R. Flowering Herb of Rosemary, one part.
Alcohol (20 degrees), four parts.

Digest, and distil a spirit marking 28 degrees. (AMST.; ANT.)

FULD.; GENEV.; and LIPP. prescribe one part of flowers, and six parts of alcohol; four parts to be distilled.—SPIELMANN— one of flowers and three of alcohol.—BRUNS.; PALAT.; and WIRTEM.—one of flowers and four of alcohol.—LUSIT.—two and a half of flowers, and ten of alcohol; five to be distilled.—FERR.—one and a half of flowers and eight of alcohol; six to be distilled.

R. Dried Flowers of Rosemary, one part.
Alcohol, four parts.

Digest for twenty-four hours, and distil in a water-bath nearly to dryness; pour the product upon fresh flowers, and re-distil. (SARD.)

DAN. directs two thirds of a mixture of one pound of flowers and of six pounds of proof spirit to be distilled, and the product to be re-distilled with half a pound of fresh flowers.—HERBIP.—one pound and a half of flowers to be distilled with ten pounds of alcohol, and the product to be re-distilled with three ounces of flowers.

HUNGARY WATER; COMPOUND SPIRIT OF ROSEMARY.

Aqua Hungarica seu Reginae Hungariae seu Anthos composita, Alcohol Anthos compositus; Eau de la reine de Hongrie, Eau de Hongrie, Esprit aromatique. (BRUNS.; DAN.; FERR.; HANN.; WIRTEM.; SWEDIAUR; VAN MONS)

R. Flowers of Rosemary, one pound.
Lavender, four ounces.
Proof Spirit, six pounds.

Digest for twelve days, and distil three pounds. (DAN.)

R. Flowers of Rosemary, three parts.
Lavender, one part.
Proof Spirit, six parts.
Water, twelve parts

Distil three fourths. (SWEDIAUR)

VAN MONS prescribes one part of lavender, three parts of rosemary, twelve of proof spirit, and forty of water; eighteen to be distilled.

R. Flowering Herb of Rosemary, } of each,
Wild } one
Thyme, } part.

Proof Spirit, twenty-four parts.
Water, forty-eight parts.

Distil twenty parts. (VAN MONS)

R. Flowering Herb of Rosemary, four pounds.
Sage, six ounces.
Ginger, two ounces.
Proof Spirit, twelve pounds.
Water, two pounds.

Distil eleven pounds. (BRUNS.; HANN.; WIRTEM.)

VAN MONS prescribes one part of ginger, three parts of sage, twenty-four of rosemary, ninety of proof spirit, and one hundred and eighty of water; sixty-six to be distilled.

R. Herb of Rosemary, two pounds.
Sage, three ounces.
Thyme, six ounces.
Alcohol (34 degrees), sixteen pounds.

Macerate for two days, distil in a water-bath, and rectify the product by re-distillation. (FERR.)

CARMINATIVE SPIRIT.

Spiritus carminativus; Alcohol Helenii compositum. (HISP.)

R. Root of Elecampane, } of each,
Carline Thistle, } one ounce.
Tops of Rosemary, } of each,
Marjoram, } four ounces.

Bay Berries }
Fennel, } of each, one ounce.
Caraway, }
Anise, }
Pimenta, } of each,

Cinnamon, } half an ounce.
Fresh Orange Peel, three drams.
Proof Spirit, three pounds.

Digest for two days in a covered vessel, and distil in a water-bath.

APOPLECTIC LIQUOR.

Aqua apoplectica. (PALAT.; WIRTEM.; SPIELMANN)

R. Flowering Herb of Sage, eight ounces.

Flowering Herb of Marjoram, } of each,
 _____ Wild } one ounce.
 Thyme, _____ }
 Flowers of Lily of the Valley, } three ounces.
 _____ Lavender, } of each,
 _____ Rosemary, } two ounces.
 Cinnamon, one ounce and a half.
 Cubeb, half an ounce.
 Cloves, three drams.
 Mace, two drams.
 White Wine, twelve pounds.

Macerate for three days, and distil one half. (WIRTEM.)

R. Root of Sweet Flag, } of each,
 _____ Florentine Iris, } one ounce
 _____ Round Birthwort, } and a half.
 Herb of Marjoram, _____ }
 _____ Ground Pine, } of each,
 _____ Rosemary, } one handful.
 Flowers of Primrose, _____ }
 Seeds of Mountain }
 Lasserwort, } of each, one
 _____ Fennel, } dram and a half.
 Cubeb, _____ }
 Nutmegs, } of each, three drams.
 Cloves, _____ }
 Cinnamon, } of each, two drams.
 Aloe Wood, }
 Long Pepper, }
 Sagapenum, } of each,
 Opoponax, } one dram and a half.
 Myrrh, }
 Sandarac, }
 Cowslip Water, } eighteen ounces.

Lime-flower Water, } of each,
 Sage Water, } eighteen ounces.
 Infuse for eight days, and distil. (SPIELMANN)

R. Fresh Flowers of Lily of the Valley, _____ }
 _____ Lavender, } of each,
 _____ Cowslip, } one
 _____ Lime, } ounce.
 _____ Betony, }
 _____ Clove-pink, }
 Herb of Rosemary, _____ }
 _____ Marjoram, } of each,
 _____ Sweet Basil, } one ounce
 _____ Sage, } and a half.
 _____ Wild Thyme, }
 _____ Marum, }
 Cinnamon, _____ } two ounces.
 Cloves, _____ } six drams.
 Nutmeg, _____ } one ounce.
 Lesser Cardamoms, _____ }
 Cubeb, _____ } of each,
 Zedoary, } half an ounce.
 Yellow Sanders, }
 Alcohol, } of each, five pounds.
 Wine, }
 _____ }
 _____ }

Macerate the herbs and flowers in the alcohol, and aromatics in the wine; then mix the liquors and distil slowly: preserve the first product, which is clear and limpid, for internal use, and the succeeding, which is white and oily, for external use. (PALAT.; WIRTEM.)

Dose, from two drams to one ounce, in flatulent colic. Externally, it is used in embrocations and suffumigations.

RUBIA TINCTORIA, LINN.—MADDER.

SYNONIMES: — Garance, FR.; Krapp, Krappwurzel, Færberæthe, GERM.; Marena, BOHEM.; Krup, DAN.; and Dut.; Granza rubia, SPAN.; Robbia, ITAL.; Marzana, POL.; Ruida, PORT.; Krapp, SWED.

LOND.; DUBL.; EDINB.; AMER.; AMST.; ANT.; AUSTR.; BATAV.; BELG.; BAVAR.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FULD.; GENEV.; HAMB.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; POL.; BORUS.; ROSS.; SAX.; WIRTEM.; HERBIP.; WURCEB.; BERGIUS.; BRUGNATELLI.; COXE.; GUIBOURT.; MURRAY.; GMELIN.; PIDE-RIT.; SPIELMANN.; ZARDA.

A plant cultivated in Europe. (*Tetrandria Monogynia*, LINN.; *Rubiaceæ*, JUSS.; Fig. Flore Medic. IV. 177)

The root (*Radix Rubiæ tinctoriæ seu sativæ seu majoris*) is employed. It is long, VOL. II.

branching, articulated, cylindrical, of the diameter of a goose-quill, and of a red colour. Its colour is more intense externally than internally; its odour is feeble, and its taste is bitterish and slightly styptic.

It contains much tannin, gallic acid, starch, oxalic acid, and a peculiar colouring principle which COLLIN and ROBIQUET call *Alizarine*; *Izarinum*. DEBEREINER had previously ascertained the existence of another principle, which he designated *Erythrodamine*.

In the East Indies the *Rubiæ Manjistæ*, ROXB. (Fuh, ARAB.; Well madatta, CYNG.; Menjithe, HIND.; Puntvayr, MAL.; Runas, PERS.; Manjischtha, SANS.; Manjittie, TAM.; Mandestie, TEL), an indigenous plant of Nepal and Thibet, is substituted for this species.

It is astringent, and is remarkable for the property of reddening the bones of the ani-

mals who feed on it. It is recommended in rachitis.—Dose, from half a dram to one dram of the powder.

RESOLVENT SPECIES.

Species resolventes. (HUFELAND)

- R. Root of Madder, }
 ——— Dog-grass, } of each,
 ——— Dandelion, } an equal part.
 Herb of Fumitory, }
 Tops of Milfoil, }

Mix.

AQUEOUS EXTRACT OF MADDER.

Extractum Rubia tinctoria aquosum. (FERR.)

- R. Root of Madder, one pound.
 Water, three pounds.

Boil, express, clarify the liquor with white of egg, and evaporate it to the proper consistence.

ALCOHOLIC EXTRACT OF MADDER.

Extractum Rubia tinctoria alcoholicum. (BRUNS.; HANN.)

- R. Root of Madder, two parts.
 Alcohol, three parts.
 Water, nine parts.

Digest in a covered vessel, and express; distil off the alcohol slowly, and evaporate the rest to the proper consistence. (HANN.)

BRUNS. directs the wood to be exhausted by alcohol, the mixed tinctures to be evaporated, the spirit distilled off, and the remainder evaporated to the proper consistence.

ANTI-RACHITIC POWDER. (SAINTE-MARIE)

- R. Madder, two drams.
 Prepared Oyster Shells, four drams.

Make eighteen parcels.—Dose, two or three daily, for a young child.

COMPOUND POWDER OF MADDER. (HERBIP.)

- R. Madder, half an ounce.
 Myrrh, } of each,
 Sub-borate of Soda, } one dram.
 Mix.

DECOCTION OF MADDER.

Decoctum Rubia tinctoria. (SWEDIAUR)

- R. Root of Madder, one ounce.
 Mace, one dram.

Boil down to two thirds. Add when strained

- Aromatic Tincture, two drams.
 Syrup of Citric Acid, two ounces.

Mix.—It is astringent, and is recommended in jaundice, chlorosis, amenorrhœa, and chronic catarrhal affections.—Dose, three ounces, three or four times a day.

ANTI-SCROFULOUS POTION. (CADET DE GASSICOURT; SAINTE-MARIE)

- R. Root of Madder, half an ounce.
 Hips, one pinch.
 Walnut Leaves, three.
 Water, one pound and a half.

Boil down to one pound, and add to the strained liquor when cold

- Tincture of Tartarized Iron, one dram.

Mix.—Dose, two glassfuls, morning and evening.

TONIC AND ANTI-HERPETIC POTION. (PIERQUIN)

- R. Root of Madder, one ounce.
 Flowers of Arnica, } of each,
 Stems of Bitter-sweet, } half an ounce.
 Water, six glassfuls.

Boil, and add

- Leaves of Scurvy-grass, half an ounce.
 Infuse, and strain.

ALTERATIVE BROTH. (BORIES; CADET DE GASSICOURT; PIERQUIN; SAINTE-MARIE)

- R. Neck of Mutton, four ounces.
 Root of Soap-wort, half a dram.
 ——— Madder, two drams.
 Leaves of Chicory, one handful.
 Water, two pounds.

Boil down to two thirds.—To be taken at four doses, in the morning, fasting; in engorgements of the abdominal viscera. A scruple of acetate of potass is added to the first dose.

ANTI-ICTERIC POTION. (NIEMANN)

- R. Root of Madder, } of each,
 ——— Turmeric, } one ounce.
 ——— Great Celan- }
 dine, } of each,
 Tops of Lesser Cen- } one handful.
 taury, }
 Spring Water, } of each,
 Rhenish Wine, } two pounds.

Boil together, and add to the strained liquor

- Compound Syrup of Smallege, two ounces.

Mix.—It is extolled in jaundice, by SYDENHAM.

Dose, half a pound, morning and evening.

ANTI-RACHITIC DRINK. (NIEMANN; SAINTE-MARIE)

R. Dried Root of Madder, half an ounce.
Tartrate of Potass, two drams.
Spring Water, sixty-four ounces.

Boil for an hour over a slow fire; then strain, and add

Despumated Honey, two ounces.

Mix.—It is extolled in rachitis. LEVRET gave eight ounces of it to children, daily. When the fresh root is employed twice the quantity should be used.

ALKALINE DECOCTION OF MADDER.

Decoctum *Rubia compositum*. (HERBIP.)

R. Root of Madder, } of each,
Rhubarb, } three drams.
Subcarbonate of Potass, two drams.
Spring Water, three pounds and a half.

Boil for one hour; then add to the strained liquor

Syrup of Ginger, two ounces and a half.

Mix.

RUBUS.

Six species of this genus of plants are used in medicine:

1. *Rubus Chamemorus*, LINN.—Mountain Bramble.

SYNONIMES:—Ronce de montagne, FR.; Multbeere, GERM.; Multebær, Myrebær, Laamanak, Latoch, DAN.; Aalbes blaadige bramboos, DUT.; Moruszka, POL.

DAN.; POL.; ROSS.; BERGIUS; MURRAY and GMELIN.

A plant of the north of Europe. (*Icosandra Polygynia*, LINN.; *Rosaceae*, JUSS.; *Fig. Linn. Fl. Lap. t. 5. l. 1*)

The fruit (*Fruitus* seu *Bacca Chamemori*) is employed. It is formed of berries, inodorous, of an acidulous taste before maturity, and watery and not very agreeable afterwards.

2. *Rubus fruticosus*, LINN.—Common Bramble.

SYNONIMES:—Ronce noire, FR.; Strauchartige Himbeere, Gemeiner Brombeer-

TONIC APOZEM. (BORIES)

R. Root of Madder, } of each
Rest-harrow, } half an ounce.
Leaves of Horehound, } of each,
Motherwort, } half a
Mugwort, } handful.
Rosemary, }
Seeds of Parsley, one pinch.
Saffron, } of each, one scruple,
Cinnamon, }
Water, a sufficient quantity

to obtain eight ounces of strained liquor. Add to this

Syrup of Horehound, one ounce.
Tartarized Iron, half a dram.

Mix.—It is extolled in dysmenorrhœa, chlorosis, leucorrhœa, and hæmorrhages occasioned by the suppression of some habitual discharge.

ASTRINGENT WINE.

Vinum adstringens. (AUGUSTIN)

R. Root of Madder, one ounce.
Tormentil, } of each,
Unripe Oranges, } half an ounce.
Cascarilla, six drams.
Extract of Logwood, three drams.
Wine, two pounds.

Digest, and strain.—Dose, from half an ounce to one ounce, every three hours.

strauch, GERM.; Brambær, DAN.; Zarcá, SPAN.; Bramen, Brummeln, DUT.; Rovo, ITAL.; Jezyny, POL.; Sylva, PORT.; Brombær, SWED.

ANT.; BRUNS.; HISP.; GALL.; WIRTEM.; BRUGNATELLI; SPIELMANN.

A common shrub of Europe. (*Fig. Lmk. Enc. meth. t. 441*)

The fruit (*Bacca Rubi nigri* seu *fruticosi* seu *Mori rubri*) is employed. It consists of inodorous berries of an agreeable taste.

3. *Rubus arcticus*.—Dwarf Bramble.

SYNONIMES:—Ronce septentrionale, FR.; Nordische Himbeere, GERM.; Akerbær, SWED.

BRUNS.; ROSS.; SUEC.; BERGIUS; MURRAY and GMELIN.

A shrub of the north of Europe. (*Fig. Linn. Fl. Lap. t. 5. f. 2*)

The fruit (*Bacca Norlandicæ*) is employed. It consists of berries of an agreeable odour, and of a pleasant and vinous taste.

4. *Rubus trivialis*, MICH.—Dewberry.

SYNONIME :—Ronce commune, FR.

AMER. ; COXE.

A shrub of North America.—Its bark is astringent.

5. *Rubus villosus*, WILLD.—Blackberry.

SYNONIME :—Ronce velue, FR.

AMER. ; COXE.

A shrub of North America.—Its bark is astringent.

6. *Rubus Idæus*, LINN.—Raspberry.

SYNONIMES :—Framboisier, FR. ; Himbeere, GERM. ; Maliny, Ostruzinl, BOHEM. ; Hindbær, Bryngbær, Himbær, DAN. ; Frambueso, Sangesca, SPAN. ; Framboizen, DUT. ; Rovo ideo, ITAL. ; Maliny, POL. ; Amoreira frambeeza, PORT. ; Hallon, SWED.

AMST. ; ANT. ; AUSTR. ; BATAV. ; BAVAR. ; BRUNS. ; DAN. ; HISP. ; GALL. ; FENN. ; FERR. ; FULD. ; GENEV. ; HANN. ; HASS. ; LIP. ; OLDEN. ; POL. ; BORUS. ; ROSS. ; SAX. ; SUEC. ; WIRTEM. ; WURCEB. ; BERGIUS ; BRUGNATELLI ; GUIBOURT ; MURRAY and GMELIN ; PIDERIT ; SPIELMANN ; ZARDA.

A common shrub of Europe. (*Fig. Flore Medic. III. 170*)The fruit *Raspberries* (*Fructus seu Bacca Rubi idæi*), is employed. It consists of berries, nearly round, red, grey, or white, composed of an assemblage of seeds enveloped each in a soft pulp, and supported upon a rather long conical receptacle.

DECOCTION OF BLACKBERRY.

Decoctio Rubi villosi. (AMER. ; NIEMANN)R. Bark of the Root of *Rubus Villosus*,
one ounce.
Water, a sufficient quantity
to obtain eight ounces of strained decoction.

It is astringent, and is used in North America.—Dose, half a glassful several times a day.

SYRUP OF DWARF BRAMBLE.

Syrupus Rubi arctici. (SUEC.)R. Juice, recently expressed and de-
purated, of the Berries of *Rubus*
arcticus, one pound.
White Sugar, two pounds.

Make a syrup at a moderate heat.

JUICE OF RASPBERRIES.

Succus Rubi idæi. (BRUNS. ; HISP. ; FULD. ; HASS. ; PALAT. ; SARD. ; SAX. ; WIRTEM. ; PIDERIT)

R. Ripe Raspberries, any quantity.

Bruise them with the hands, set the mass in a cellar till a clear liquor appears at the surface, and strain with expression ; set apart the juice for several days, that it may become clarified, and preserve the clear part in long-necked bottles under a stratum of oil. (BRUNS. ; HISP. ; PALAT. ; SAX. ; WIRTEM.)

HASS. ; and PIDERIT direct, before the juice be put into bottles, that one fourth of sugar be added, and the mixture boiled for an instant.

ROB OF RASPBERRIES.

Rob Rubi idæi. (BRUNS. ; HISP. ; FULD. ; WIRTEM. ; HERBIP. ; PIDERIT ; SWEDIAUR)

R. Ripe Raspberries, any quantity.

Having bruised them, set aside the mass for three days ; then express the juice, and boil it over a slow fire, to the consistence of honey, adding one fourth of sugar. (BRUNS. ; FULD. ; WIRTEM. ; HERBIP. ; PIDERIT ; SWEDIAUR)

R. Sugar, boiled à la grande plume,
two pounds.
Juice of Raspberries, }
Water, } of each,
one pound.
Boil to the consistence of jelly, and strain.
(HISP.)

It is acidulous, and refreshing.

HONEY OF RASPBERRIES. (VAN MONS)

R. Recently expressed Juice of Rasp-
berries, one part.
Honey, three parts.

Mix without heat, and decant after sufficient repose.

SYRUP OF RASPBERRIES.

Syrupus Rubi idæi seu de Frambæsiis.
(AMST. ; AUSTR. ; BATAV. ; BAVAR. ; BELG. ; DAN. ; GALL. ; FENN. ; FULD. ; GENEV. ; HANN. ; HASS. ; LIPP. ; OLDEN. ; LUSIT. ; PALAT. ; POL. ; BORUS. ; SUEC. ; WIRTEM. ; HERBIP. ; COXE ; PIDERIT ; SWEDIAUR ; VAN MONS)R. Raspberries, not perfectly } of each,
ripe, } an
Sugar, } equal part.

Mix with slight agitation, set over the fire, and boil a little. Strain the syrup through a close silk sieve. (GALL.)

R. Juice of Raspberries, recently ex-pressed, two parts.
White Sugar, three parts and a half.
Dissolve in a warm water-bath. (VAN MONS)

R. Depurated Juice of Raspberries, twenty ounces.
White Sugar, three pounds.
Dissolve at a slow heat. (HANN.; OLDEN.; LUSIT.; POL.; BORUS.)

AMST.; BATAV.; and BELG. prescribe sixteen ounces of juice, and two pounds and a half of sugar.—DAN.; PALAT.; WIRTEM.; and HERBIP.—twenty ounces of juice, and thirty-two of sugar.—HASS.; and PIDERIT—ten ounces of juice, and thirteen and a half of sugar.—AUSTR.; FENN.; and SUEC.—one part of juice, and two parts of sugar.—SWEDIAUR—sixteen ounces of juice, and twenty-eight of sugar.—GENEV.—one pound and a half of juice, and two pounds and a half of sugar.—COXE—one pint of juice, and two pounds of sugar.—LIPP.—eighteen ounces of juice, and two pounds of sugar.—FULD.—an equal part of each.

RASPBERRY VINEGAR.

Acetum Rubi idæi. (GALL.; HANN.; OLDEN.; PALAT.; POL.; BORUS.; WIRTEM.; SARD.)

R. Fresh Raspberries, six pounds.
Vinegar, four pounds.

Macerate for four days, strain without expression, and filter. (GALL.)

HANN.; OLDEN.; POL.; BORUS.; and SARD. prescribe one part of raspberries, and two parts of vinegar; to be macerated for one month.—PALAT.; and WIRTEM.—one part of raspberries, and six parts of vinegar; to be macerated in the sun for several days.

R. Juice of Ripe Raspberries, two pounds.
Vinegar, half a pound.

Macerate for two days; then express strongly, and add to the liquor,

White Sugar, one pound and a half.

Digest over a slow fire, and decant when cold. (DAN.)

It is refreshing and cooling, and is added, in variable quantity, to drinks.

WATER OF RASPBERRIES.

Aqua Rubi idæi. (BAVAR.; BRUNS.; DAN.; FULD.; HANN.; HASS.; LIPP.; OLDEN.; PALAT.; POL.; ROSS.; SAX.; PIDERIT; SWEDIAUR; VAN MONS)

R. Raspberries, bruised, one part.
Water, two parts.

Distil one part. (BRUNS.)

PALAT. prescribes one part of raspberries, and four parts of water; one part to be distilled.—DAN.—one of raspberries, and six of water; four to be distilled.—VAN MONS—one of raspberries, and twenty-four of water; six to be distilled.—ROSS.—four of raspberries, and ten of water; six to be distilled.—SWEDIAUR—ten of raspberries, and a sufficient quantity of water; twenty to be distilled.—LIPP.—three of raspberries, and sixteen of water; eight to be distilled.

R. Expressed Raspberries, one part.
Water, three parts.

Distil two parts. (HANN.)

BAVAR. prescribes one part of expressed fruit, and six parts of water; three parts to be distilled.—OLDEN.—two of expressed fruit, and a sufficient quantity of water; twenty to be distilled.—HASS.; and PIDERIT—three of expressed fruit, and sixteen of water; eight to be distilled.

R. Expressed Raspberries, one part.
Water, six parts.

Ferment for several days, and distil two parts. (SAX.)

R. Raspberries, any quantity.

Bruise, and beat them with an equal quantity of warm water; leave the mass to ferment, add twenty-four parts of cold water, and distil six parts. (VAN MONS)

R. Expressed Raspberries, ten pounds.
Water, thirty pounds.
Subcarbonate of Potass, two ounces.

Distil twenty pounds. (POL.)

FULD. prescribes eight pounds of raspberries twenty-four of water, and one pound of subcarbonate of potass; sixteen pounds to be distilled.

RUMEX.

Six species of this genus are mentioned in pharmacopœias:

1. *Rumex acetosa*, LINN.—Common Sorrel.

SYNONIMES:—Oseille des jardins, Surelle,

FR.; Sauerampfer, GERM.; Ssiowjk, BOHEM.; Suramper, DAN.; Azedera, SPAN.; Veldzuuring, DUT.; Acetosa, ITAL.; Sszaw, POL.; Azedas, PORT.; Ængsyrta, SWED.

LOND.; EDINB.; AMST.; ANT.; BATAV.; BELG.; BRUNS.; HISP.; GALL.; FERR.; FORM. HÔP. FR.; FULD.; GENEV.; HASS.; LUSIT.; BORUS.; ROSS.; WIRTEM.; HERBIP.; BERGIUS.; BRUGNATELLI.; COXE.; GUIBOURT.; MURRAY and GMELIN.; PARIS.; PIDERIT.; SPIELMANN.; ZARDA.

A plant cultivated in every part of Europe. (*Hexandria Trigynia*, LINN.; *Polygonæa*, JUSS.; *Fig. Zorn, Ic. pl. t. 70*)

The root, leaves, and seeds are employed.

The root (*Radix Acetosæ officinalis seu nostratis seu Oxalidis seu Acetosæ pratensis*) is fibrous and yellowish; several long slender fibres go off from a small head; under a reddish-yellow bark it presents a white substance. Its taste is slightly bitter and astringent.

The leaves are oblong, sagittate, obtuse, entire, smooth, inodorous, but of an acid taste from the presence of super-oxalate of potass and of lime.

The seeds are triangular, and of an acerb and bitterish taste.

2. *Rumex scutata*, LINN.—Small Sorrel.

SYNONIMES:—Oseille ronde, Petite Oseille, FR.

GALL.; HASS.; BERGIUS.; SPIELMANN.

A plant of Europe. (*Fig. Jacq. Ic. rar. I. t. 67*)

The herb (*Herba Acetosæ rotundifolia*) is employed. It consists of cordiform or oval, obtuse or pointed leaves having long footstalks, and furnished on each side of their base with divergent auricles (*oreillettes*). It has an acid and agreeable taste.

CONSERVE OF SORREL. (FERR.; GENEV.; ROSS.; SARD.)

R. Fresh Leaves of Sorrel, one part.
White Sugar, two parts.
Beat together till incorporated. (ROSS.)

SARD. prescribes an equal part of each.—FERR.; and GENEV.—one part of sorrel, and three parts of sugar.

JUICE OF SORREL.

Succus Acetosæ. (HASS.; SARD.; HERBIP.)

R. Fresh Leaves of Sorrel, any quantity.

Bruise them in a wooden mortar with a wooden pestle, express the juice, set it aside, and preserve the limpid part in bottles.

HERBIP. directs one dram of alcohol to be added to each pound of juice.

SYRUP OF SORREL.

Syrupus Acetosæ. (SARD.; WIRTEM.)

R. Depurated Juice of Sorrel, ten ounces.
White Sugar, sixteen ounces.
Boil together to the consistence of syrup. (WIRTEM.)

SARD. directs a sufficient quantity of the juice to be added to simple syrup, and then evaporated in a water-bath.

WATER OF SORREL. (SARD.)

R. Leaves of Sorrel, bruised, one part.
Water, two parts.
Distil two thirds.

SUPPURATIVE CATAPLASM. (GALL.; SAINTE-MARIE)

R. Leaves of Sorrel, bruised, one handful.
Lard, one ounce.
Linseed, bruised, four ounces.

Boil together, in beer, to the proper consistence. (SAINTE-MARIE)

R. Resolvent Meals, four ounces.
Emollient Decoction, a sufficient quantity.

Boil to the proper consistence, and add
Pulp of Lily, } of each,
Boiled Sorrel Leaves, } two ounces.
Resin Ointment, one ounce.

Mix. (GALL.)

3. *Rumex aquatica*, LINN.—Water Dock.

SYNONIMES:—Patience d'eau, Rhubarbe sauvage, FR.; Wasserampfer, Wassermangold, Wassergrindwurzel, Rostampferwurzel, Butterweckenkraut, GERM.; Vandskreppe, DAN.; Waterpatich, DUT.; Labaca major, PORT.; Vatsydra, SWED.

DUBL.; AMER.; AMST.; BATAV.; BELG.; BRUNS.; GALL.; FULD.; LIPP.; ROSS.; SAX.; WIRTEM.; BERGIUS.; COXE.; MURRAY and GMELIN.; SPIELMANN.

A common plant of Europe, found in marshy districts. (*Fig. Zorn, Ic. pl. t. 588*)

The root (*Radix Lapathi aquatici seu Herbae Britannicae seu Hydrolapathi seu Rhapsontici*) is employed. It is large, branching, annulated, of a blackish-brown colour without, and saffron coloured within. It is inodorous, but has an austere and bitterish taste.

It is tonic and diaphoretic, and is much employed in diseases of the skin.

4. *Rumex crispus*, LINN.—Curled Dock.

SYNONIMES:—Patience frisée, FR.; Krauser Ampfer, GERM.; Kruset skreppe,

DAN.; Gekruide patch, DUT.; Svinsyra, SWED.

GALL.; COXE.

A plant of Europe. (*Fig. Curt. Fl. Lond. t. 204*)

The herb (*Herba Lapathi crispi*) is employed. It consists of a cylindrical, slightly branching stem, furnished with lanceolated leaves, very much waved, or rather curled on the margin. It has a very slightly styptic taste.

5. *Rumex sanguinea*, LINN.—Bloody Dock, Red Dock.

SYNONIMES:—Patience rouge, FR.; Blutampfer, Blutkraut, GERM.; Bluedkruid, DUT.

GALL.

A plant of North America and of the northern parts of Europe. (*Fig. Zorn, Ic. pl. t. 127*)

The root and herb are employed.

The root (*Radix Lapathi sanguinei*) has an acerb and astringent taste.

The herb consists of a branching purple coloured stem, and of cordiform, lanceolated, finely-serrated purple leaves.

EXTRACT OF DOCK.

Extractum Patientia. (GALL.; VAN MÖNS)

R. Root of Dock, sliced, any quantity.

Cover it with water, and leave it to macerate for twelve hours; then double the quantity of water, and continue the maceration for the same length of time. Strain and clarify the two liquors, and evaporate to the consistence of an extract. (VAN MÖNS)

R. Root of Dock, one pound.
Cold Water, four pounds.

Macerate for twenty-four hours, occasionally stirring, and strain; macerate the residue with fresh water in the same manner, and strain again. Mix the liquors, and evaporate in a water-bath to the consistence of an extract. (GALL.)

Dose, from one to three scruples.

RUSCUS.

Two species of this genus of plants are used in medicine:

1. *Ruscus aculeatus*, LINN.—Butchers-broom, Knee Holly.

SYNONIMES:—Fragon piquant, Petit houx,

DECOCTION OF DOCK.

Decoction Lapathi. (FORM. HÔP. FR.; NIEMANN; RATIER; SPIELMANN)

R. Root of Dock, one ounce.
Water, two pounds.

Boil down to one half. (NIEMANN; RATIER)

R. Root of Dock, six drams.
Water, a sufficient quantity

to obtain two pounds of strained decoction. Add towards the end

Root of Liquorice, two drams.

Infuse for a few minutes, and strain. (FORM. HÔP. FR.; NIEMANN)

R. Root of Dock, two ounces.

Elecampane, } of each,

Juniper, } half an ounce,

Water, six pounds.

Boil to the consumption of half a pound,

and add towards the end

Herb of Fumitory, one handful.

Strain. (SPIELMANN)

It is slightly excitant, and is prescribed as an alterative in cutaneous disorders.—Dose, several glassfuls in the course of the day.

6. *Rumex alpina*, LINN.—Bastard or Monk's Rhubarb.

SYNONIMES:—Rhubarbe des moines, Fausse rhubarbe, FR.; Mönchs-rhabarber, Alpenampfer, GERM.; Skreppe, DAN.; Romaza, SPAN.; Spitzbladdige patch, DUT.; Romice, ITAL.; Szczaw kobyli, POL.; Babaca menor, PORT.; Hæstysra, SWED.

BELG.; BRUNS.; GALL.; MURRAY and GMELIN; SPIELMANN.

A plant of the Alps. (*Fig. Zorn, Ic. pl. t. 261*)

The root (*Radix Hippolapathi seu Rhubarbari monachorum*) is employed. It is thick, ligneous, fibrous, red without, and yellow within. It has a disagreeable odour, and a bitter, acerb, and nauseous taste.

Houx frelon, FR.; Slachlicher Mäusedorn, Mäusedornbüsch, Myrtendorn, GERM.; Lesnj myrtun, Gedlice wlaska, BOHEM.

ANT.; BRUNS.; HISP.; GALL.; FERR.;

FORM. HÔP. FR.; GENEV.; WIRTEM.; BERGIUS.; BRUGNATELLI.; GUIBOUT.; MURRAY and GMELIN.; SPIELMANN.; ZARDA.

A plant of the forests of Europe. (*Diœcia Monadelphia*, LINN.; *Asparagineæ*, JUSS.; *Fig. Zorn, Ic. pl. t. 448*)

The root (*Radix Rusci seu Brusci seu Myrtacanthæ*) is employed. It is long, ligneous, white, and consists of numerous fibres of the thickness of quills. Its taste is at first sweetish, and then becomes bitter.

It is diuretic.—It forms one of the five major aperitive roots.

2. *Ruscus Hypoglossum*, LINN.

SYNONIMES:—Laurier Alexandrin, FR.; Alexandrinischer Loorbeer, GERM.; Cyjpkowa bylina, BOHEM.; Alexandrinse laurier, DUT.; Loreiro de Alexandria, PORT.

BRUNS.; GALL.; WIRTEM.; BERGIUS.; BRUGNATELLI.; GUIBOUT.; MURRAY and GMELIN.; SPIELMANN.; ZARDA.

A plant of the south of Europe. (*Fig. Zorn, Ic. pl. t. 481*)

The leaves (*Herba Uvularia seu Hypoglossi seu Bilingua seu Bonifacia seu Lauri Alexandrini angustifolia*) are employed. They are oval and lanceolate, and bear towards the middle of their upper surface, a ligula in the angle of which the flowers rise.

They are destitute of odour but have a very astringent taste.

It is slightly astringent, but is not much used.

DIURETIC PTISAN. (PIERQUIN)

R. Root of Butchers-broom, six ounces.
Water, one pound.

Boil and strain.

R. Root of Butchers-broom, } of each,
——— Strawberry, } five drams.
——— Asparagus, }
Water, two pounds and a half.

Boil down to two pounds, then strain, and add

Syrup of Hyssop, } of each,
Compound Syrup of } one ounce.
Smallage, }
Mix.

RUTA GRAVEOLENS, LINN.—RUE.

SYNONIMES:—Rue des jardins, FR.; Raute, Gartenraute, GERM.; Sendib, ARAB.; Ruta, BOHEM.; ITAL.; POL.; and RUSS.; Aruda, CYNG.; Ruda, DAN.; Saturi, HIND.; Ruite, DUT.; Matskase-so, JAP.; Inghu, JAV.; Suddab, MAH.; Sadsa, MAL.; Arruda, PORT.; Brahmi, Somalata, SANS.; Winruta, SWED.; Aruda, TAM.; Saddapu aku, TEL.

LOND.; EDINB.; DUBL.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; BRUNS.; DAN.; HISP.; GALL.; FERR.; FULD.; GENEV.; HAMB.; HANN.; HASS.; LIPP.; OLDEN.; LUSIT.; POL.; BORUS.; ROSS.; SAX.; SUEC.; WIRTEM.; HERBIP.; WURCEB.; AINSLIE.; BERGIUS.; BRUGNATELLI.; COXE.; GUIBOUT.; MURRAY and GMELIN.; PIDE-RIT.; SPIELMANN.; ZARDA.

A small shrub of the south of Europe. (*Decandria, Monogynia*, LINN.; *Rutaceæ*, JUSS.; *Fig. Zorn, Ic. pl. t. 163*)

The herb and seeds are employed.

The herb (*Herba Ruta seu Ruta hortensis*) consists of a cylindrical and branching stem, and of alternate, petiolated leaves of a glaucous green colour, almost doubly

winged, and composed of thickish, oval, obtuse leaflets, narrowed at the base. It has a strong, peculiar, and disagreeable odour, and a hot, acrid, and very bitter taste.

The seeds are small, blackish, reniform, wrinkled, somewhat angular, and of an aromatic taste.

It is excitant, stomachic, nerve, diaphoretic, carminative, anti-putrescent, anodyne, and anthelmintic.—Dose, from ten grains to two scruples, of the powder.

CONSERVE OF RUE.

Conserva Ruta. (SARD.)

R. Leaves of Rue, } of each, one part.
White Sugar, }
Beat together.

CONFECTION OF RUE.

Confectio Ruta. (LOND.; DUBL.; CADET DE GASSICOURT.; VAN MONS)

R. Dried Leaves of } of each,
Rue, } one ounce and
Seeds of Cara- } a half.
way, }

Bay Berries, one ounce and a half.
Sagapenum, half an ounce.
Black Pepper, two drams.
Despumated Honey,
sixteen ounces.

Pulverize and mix.

It is stimulant and emmenagogue.

RUBEFACIENT AND FEBRIFUGE PASTE.
(BORIES)

R. Fresh Tops of Rue, two ounces.
Powdered Mustard, two drams.

Beat together.—This paste is applied upon the wrist several hours before the paroxysm.

AQUEOUS EXTRACT OF RUE.

Extractum Rutæ aquosum. (DUBL.; EDINB.; BRUNS.; GENEV.; PALAT.; WIRTEM.)

Extractum Rutæ graveolentis.
(EDINB.)

Ext. Foliorum Rutæ. (DUBL.)

R. Leaves of Rue, one pound.
Pure Water, eight pounds.

Boil down to one half, and express. Evaporate the liquor slowly to the consistence of pilular mass.

GENEV. gives the same formula.

R. Herb of Rue, one pound.
Spring Water, six pounds.

Digest in a warm place for four days, then boil a little, and express. Evaporate the liquor to the proper consistence. (BRUNS.; PALAT.; WIRTEM.)

Dose, from ten grains to half a dram.

ALCOHOLIC EXTRACT OF RUE.

Extractum Rutæ alcoholicum. (HERBIP.)

R. Herb of Rue, } of each, one pound.
Alcohol, }
Water, } eight pounds.

Digest for three days in a moderate heat, and express; then set aside, and decant the liquor: distil off the alcohol, and evaporate the residue to the proper consistence.

ANTI-LYSSIC POWDER.

Pulvis anti-lyssus seu ad morsum canis rabidi. (PALAT.; WIRTEM.; SPIELMANN)

R. Leaves of Rue, }
Vervain, } of each,
Sage, } an
Plantain, } equal part.
Polypody,
Wormwood,
Mint,
Bastard Balm, }

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Leaves of Betony, } of each,
Tops of St. John's-Wort, } an
Lesser Centaury, } equal part.

Mix.—It is extolled by PAULMIER.—Dose, from half a dram to two drams.

EMMENAGOGUE POTION. (PIERQUIN)

R. Juice of Rue, one ounce.
Oxymel of Squill, half an ounce.

Mix.—To be taken by spoonfuls, in hysterical affections.

DETERGENT INJECTION.

Injectio auricularis detergiva. (SPIELMANN)

R. Herb of Rue, one handful.
Spring Water, six ounces.

Infuse for twelve hours, and strain. Add

Essence of Myrrh, half a dram.
Honey of Roses, six drams.

Mix.

VINEGAR OF RUE.

Acetum Rutæ seu rutaceum. (AMST.; AUSTR.; BRUNS.; HASS.; OLDEN.; LUSIT.; PALAT.; BORUS.; SARD.; WIRTEM.; HERBIP.; PIDERIT; VAN MONS)

R. Fresh Leaves of Rue, one part.
Vinegar, ten parts.

Macerate without heat for several days, express lightly, and filter. (VAN MONS)

SARD. prescribes one part of rue, four parts of vinegar, and six days' digestion in a moderate heat.—BRUNS.; HASS.; PALAT.; WIRTEM.; and PIDERIT.—one of rue, six of vinegar, and a few days' digestion.—AMST.; and BORUS.—one of rue, nine of vinegar, and three weeks' infusion in the sun.—AUSTR.—one of rue, twelve of vinegar, and three days' maceration.

R. Fresh Leaves of Rue, one pound.
Vinegar, six pounds.

Macerate for six days, boil a little, and strain. Add to the liquor,

Alcohol, half a pound.

Mix. (LUSIT.)

AUSTR. prescribes three ounces of rue, two pounds of distilled vinegar, several days' digestion in a moderate heat, and the addition of one eighth of alcohol.

Here, as in every vinegar, simple or compound, the alcohol is intended to prevent decomposition.—WIRTEM. thinks the addition of one-twentieth is sufficient.

CAMPHORATED VINEGAR OF RUE.

Acetum Rutæ camphoratum. (VAN MONS)

R. Flowering Tops of Rue, two ounces.
Vinegar, sixteen ounces.

Infuse in a moderate heat for twenty-four
3 Z

hours; then strain, and dissolve in the liquor.

Camphor, two drams.

Filter.—It is employed as a prophylactic.

INFUSED OIL OF RUE.

Oleum Rutæ infusum. (BRUNS.; HISP.; GALL.; SARD.; WIRTEM.; HERBIP.)

R. Fresh Herb of Rue, } of each,
Olive Oil, } an equal part.

Digest for three days, and express. (BRUNS.; WIRTEM.)

R. Fresh Herb of Rue, one part and a half.
Olive Oil, three parts.

Digest for three days in a water-bath and express when cold. Repeat the maceration with fresh herb. (SARD.)

GALL. directs two parts of oil to be macerated with one part of herb for twenty-four hours in warm ashes, the operation to be repeated a second time, the mixture to be then slightly boiled, and expressed.

R. Fresh Herb of Rue, one part.
Olive Oil, two parts.

Digest for three days at a moderate heat; then boil to the consumption of the humidity, and express. (HERBIP.)

HISP. prescribes one part of herb and three parts of oil.

It is excitant, anti-colical, anthelmintic, and nervine. It is employed in lavements and frictions.

OINTMENT OF RUE.

Unguentum seu Butyrum Rutæ. (HISP.)

R. Fresh Leaves of Rue, } of each
Wormwood, } two
Mint, } ounces.
Lard, sixteen ounces.

Boil to the consumption of the humidity, and strain with expression.

ESSENTIAL OIL OF RUE.

Oleum Rutæ æthereum, Ætheroleum Rutæ.

(DUBL.; AMST.; ANT.; AUSTR.; BATAV.; BAVAR.; BELG.; BRUNS.; GALL.; FERR.; FULD.; HANN.; HASS.; LIPP.; PALAT.; POL.; BORUS.; ROSS.; SARD.; SAX.; HERBIP.; BRUGNATELLI; COXE; PIDERIT; SWEDIAUR)

Oleum Rutæ. (DUBL.)

R. Fresh Herb of Rue, any quantity.
Water, a sufficient quantity,
to prevent empyreuma. Distil.

AMST.; BATAV.; BELG.; FERR.; ROSS.; BRUGNATELLI; and COXE require the same.

BAVAR.; FULD.; and LIPP. prescribe one part of herb and three parts of water.—SWEDIAUR—one of herb and four of water.—GALL.—five of herb and seven of water.—ANT.—three of herb and ten of water.—HANN.; POL.; BORUS.; and SAX.; one of herb and eight of water.—AUSTR.—one of herb and twelve of water.

R. Fresh Herb of Rue, twenty-five parts.
Water, seventy-five parts.
Muriate of Soda, three parts.

Distil at the end of three days. (BRUNS.; HASS.; PALAT.; SARD.; PIDERIT)

R. Fresh Herb of Rue, any quantity.
Distilled Water of Rue, a sufficient quantity.

Distil. (HERBIP.)

BALSAM OF RUE.

Balsamum Rutæ. (WIRTEM.; SPIELMANN)

R. Oil of Nutmeg, two drams and a half.
Essential Oil of Rue, one dram.

Mix

DISTILLED WATER OF RUE.

Aqua Rutæ. (AMST.; AUSTR.; BATAV.; BAVAR.; BELG.; HANN.; PALAT.; POL.; BORUS.; SARD.; SAX.; BRUGNATELLI; SWEDIAUR; VAN MONS)

R. Fresh Herb of Rue, one part.
Water, a sufficient quantity.

At the expiration of twelve hours, distil ten parts. (AMST.; BATAV.; BELG.; HANN.; POL.; BORUS.; SWEDIAUR)

PALAT. prescribes one part of herb and four parts of water; two parts to be distilled.—HERBIP. and BRUGNATELLI—one of herb and six of water; four to be distilled.—BAVAR.—one of herb and sixteen of water; eight to be distilled.—SAX.—one of herb and fifteen of water; ten to be distilled.—AUSTR.—one of herb and twelve of water; four to be distilled.

R. Fresh Herb of Rue, one part.
Water, four parts.

Distil one half, and re-distil the product with fresh herb. (SARD.)

R. Fresh Herb of Rue, ten parts.
Proof Spirit, one half part.
Water, one hundred and sixty parts.

Distil forty parts. (VAN MONS)

ANTI-HYSTERIC JULEP. (SAINTE-MARIE)

R. Distilled Water of Rue, } of each,
Bryony, } two
Orange } ounces.
Flowers, } of each,
Syrup of French Lavender, } one
Valerian, } one
Peony, } ounce.

Mix.—To be taken at three or four doses.