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ULEX EUROPEUS. Furze, Whins. A native prickly shrub, the infusion or decoction of which is demulcent and diuretic. The seeds are still more so, and occasion nausea and diaphoresis.

ULMI CORTEX. L. E. P. Elm Bark. *Ulmus campestris*. It is very mucilaginous and also contains sugar, a little gallic acid, supertartrate of potass, and Ulmin or humin.

Medicinally it is said to be alterative, tonic, and diuretic, and to be useful for herpetic and leprous eruptions. If it ever do good in such cases, it must be from its mucilage sheathing the acid or acrid substances of the primæ viæ, from which they arise. With this view it may be useful.

Enters into Decoct. Ulmi. L. D.

ULMIC ACID. See **ILUMIC ACID**.

ULMIN. A principle discovered by Klaproth, as exuding from the *Ulmus nigra*? It is better termed **HUMIN**, being the part of the soil which constitutes the main food of plants.

ULTRAMARINE. An expeditious and probably a cheap method of preparing this beautiful pigment, has lately been discovered on the continent, but it is still kept secret.

Adulterated frequently; but its genuineness may be ascertained by bringing it to a red heat in a crucible, when, if it is not genuine, it will become pale or blackish. When tried with oil, it assumes a brown tint.

UMBER, and **Burnt Umber**, are earthy pigments used in painting.

UNGUENTA. Ointments. Are external applications of a softer consistence than cerates, though in other respects resembling them. The complication of the old pharmacy has now been in a great measure laid aside, and ointments are now usually formed of lard, prepared suet, or spermaceti, to keep the parts soft, and some one or two active ingredients.

From their want of consistency they do not keep well, being apt to become rancid, and they should on that account be made in small quantities. The addition of a little finely-powdered refined sugar is useful for preventing this.

Veterinary Ointments are introduced under the term **OINTMENT**, above.

UNGUENTUM ACIDI NITROSI. E. D. Ointment of Nitrous Acid.

Take ℥j of lard, ʒvj of nitrous acid; melt the lard, and rub the acid into it by degrees, till the mixture is cold.

Medicinally it is stimulant, and is a good application to foul atonic ulcers, and to herpetic eruptions.

UNGUENTUM ACIDI SULPHURICI. D. Ointment of Sulphuric Acid.

Take $\mathfrak{z}\text{ij}$ of prepared lard, $\mathfrak{z}\text{ij}$ of sulphuric acid; mix in a Wedgewood mortar for an ointment.

Medicinally it is useful for itch, gout, bronchocele, and enlarged joints; but is apt to corrode the patient's linen. (A. DUNCAN.)

UNGUENTUM ÆGYPTIACUM. See LINIMENT. ÆRUGINIS.

UNGUENTUM ÆRUGINIS. D. Verdigrise Ointment, or *Green Basilicon*.

Take $\mathfrak{z}\text{viij}$ of resinous ointment, $\mathfrak{z}\text{ij}$ of olive oil, $\mathfrak{z}\text{j}$ of verdigrise; mix, to make an ointment.

Medicinally, it is stimulant and digestive for indolent ulcers, neglected burns, &c.

UNGUENTUM DE ALTHEA. Althea, or Marshmallow Ointment. Take 1000 parts of oil of mucilage, 250 parts of yellow wax, 125 parts each of pure resin and turpentine; melt, and strain through linen, stirring with a spatula till cold.

Medicinally it is softening and suppurative.

UNGUENTUM AMMONIÆ. Take $\mathfrak{z}\text{ss}$ of carbonate of ammonia, $\mathfrak{z}\text{ss}$ of simple cerate; mix. Stimulant for strumous ulcers.

UNGUENTUM ANTI-HÆMORRHOIDALE. Pile Ointment. Take $\mathfrak{z}\text{ij}$ of submuriate of mercury, $\mathfrak{z}\text{ss}$ of solution of subacetate of lead, $\mathfrak{z}\text{ss}$ of solution of acetate of morphine, $\mathfrak{z}\text{ij}$ of Barbadoes tar, $\mathfrak{z}\text{j}$ of fresh lard; mix for an ointment.

Or, Take $\mathfrak{z}\text{ij}$ of oxide of zinc, $\mathfrak{z}\text{j}$ of submuriate of mercury, $\mathfrak{z}\text{j}$ of fresh lard; mix for an ointment for piles, when very irritable.

UNGUENTUM ANTIMONII TARTARIZATI. Ointment of Tartarized Antimony. Take $\mathfrak{z}\text{jss}$ of tartar emetic, $\mathfrak{z}\text{j}$ of spermaceti ointment; mix.

Or, Take $\mathfrak{z}\text{ij}$ to $\mathfrak{z}\text{iiij}$ of tartar emetic, and $\mathfrak{z}\text{j}$ of palm oil; mix.

Medicinally it may be applied so as to bring out pimples, in the quantity of $\mathfrak{z}\text{j}$ daily, for deep-seated pains, arthritic swellings, and for phthisis, hysteria, mania, &c. (JENNER.) It is said to constitute Mr. St. John Long's boasted cure for consumption.

UNGUENTUM ARSENICI. Arsenic Ointment. Take $\mathfrak{z}\text{j}$ of powdered arsenic, $\mathfrak{z}\text{vj}$ each of lard and spermaceti ointment; mix, and apply to destroy the surface of cancerous ulcers; but it is by no means safe.

UNGUENTUM AURI. Take gr. j of gold, finely divided by means of mercury, $\mathfrak{z}\text{ss}$ of prepared lard, and mix.

Medicinally it is applied by removing about half an inch of the epidermis of the neck, and rubbing in a very small portion, morning and evening, for syphilis, &c. (NIEL.)

UNGUENTUM BASILICUM. P. Basilicon Ointment. *Ung. resine nigræ*. L. Take 32 parts each of black pitch, yellow resin, and yellow wax, 128 parts of olive oil; melt the pitch and the resin together, and add the oil and the wax; melt, and strain through

linen, stirring it with a wooden rod till it become nearly cold. Maturative and stimulant.

UNGUENTUM BELLADONNÆ. *New.* Take ʒiv each of the fresh leaves of belladonna and prepared lard; bruise the leaves in a marble mortar, and beat them up with the lard, then melt with a gentle heat, strain through cloth by pressure, and stir till cold. It may be made with equal parts of lard, and of the dried powder of the leaves.

Medicinally it is excellent for *tic douloureux*, and for relieving chordee, priapism, and spasmodic stricture, either externally, or introduced by a bougie. It relieves iritis, and the pain of necrotic ulcers, but ought to be used with caution to abraded surfaces, as it may be absorbed.

UNGUENTUM CAMPHORATUM. Take ʒj of elder-ointment, ʒss of superacetate of lead (rubbed up with a little oil of almonds), ʒss of extract of hyoscyamus, *gr. xij* of camphor in powder, with a little alcohol; mix. It is a good sedative application for piles. (CHESTON.)

UNGUENTUM CANTHARIDIS. *L. D. Ung. lyttæ. O.* Take ʒij of cantharides in very fine powder, ʒviij of distilled water, ʒviij of resin cerate; boil down the water with the cantharides to one-half, and strain; mix the cerate with the strained liquor, and evaporate to a proper consistency.

Medicinally it is a very mild but rather an uncertain stimulant. The boiling destroys in part the acrimony of the flies.

UNGUENTUM CATECHU. Catechu Ointment. Take ʒiv of catechu, ʒix of alum, ʒiv of yellow resin, ʒx of olive oil, and *q. s.* of water; mix, to make an ointment. A good astringent application to languid ulcers.

UNGUENTUM CERÆ ALBÆ. *D.* Ointment of White Wax. Take ʒbj of white wax, ʒbiv of prepared lard; melt, and mix. Emollient, and a good basis for other ointments.

UNGUENTUM CERÆ FLAVÆ. *D.* Ointment of Yellow Wax. Take ʒbj of yellow wax, ʒbiv of prepared lard; melt, and mix. Emollient, and as a basis for other ointments.

UNGUENTUM CERÆ CUM ACETO. Take ʒj of white wax, ʒiij of lead plaster, ʒbj of olive oil, ʒij of diluted acetic acid; melt the wax, the plaster, and the oil together, and add the vinegar gradually. It is a good application for excoriations and superficial eruptions.

UNGUENTUM CERÆ CUM HYDRARGYRO. Take ʒviij of yellow wax, ʒiv of prepared lard, ʒij of olive oil, ʒvj of mercurial ointment; melt together the wax, the lard, and the oil, stir till almost cold, and add the blue ointment. It is a good application to atonic ulcers with callous edges.

UNGUENTUM CERUSSÆ. *D.* See **UNG. OXID. PLUMB. ALB. E.**

UNGUENTUM CETACEI. L. D. Spermaceti Ointment. Take $\mathfrak{z}\mathfrak{v}\mathfrak{j}$ of spermaceti, $\mathfrak{z}\mathfrak{i}\mathfrak{j}$ of white wax, $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$ of olive oil; melt them together over a slow fire, stirring them constantly till cold. In summer it soon becomes rancid. Almond oil is more elegant than olive oil.

Medicinally it is emollient, and used for dressing blisters and excoriations, and as a basis for active substances, such as tartar emetic, iodine, &c.

UNGUENTUM CÆRULEUM. See CERATUM CERUL.

UNGUENTUM COCCULI INDICI. Ointment of *Cocculus Indicus*. Take from $\mathfrak{z}\mathfrak{j}$ to $\mathfrak{z}\mathfrak{i}\mathfrak{j}$ of *Cocculus Indicus* in very fine powder, $\mathfrak{z}\mathfrak{j}$ of palm oil, or of lard; mix, and apply for *porrigo furfuracea*; but it is not very safe.

UNGUENTUM CONII. D. Hemlock Ointment. Is prepared in the same way as UNG. BELLADONNÆ, and may be used for the same purposes; but in urethral disorders it is apt to produce impotence.

UNGUENTUM CUPRI SUB-ACETATIS. E. Take $\mathfrak{z}\mathfrak{s}\mathfrak{s}$ of subacetate of copper, $\mathfrak{z}\mathfrak{j}$ of spermaceti ointment; mix, and introduce by means of a bougie into the rectum, for prolapsus, and ulcers of the rectum, piles, &c.

UNGUENTUM DIGITALIS. It is prepared in the same way as the ung. belladonnæ, and applied in similar cases.

UNGUENTUM ELEMI COMPOSITUM. L. D. Elemi Ointment. *Yellow basilicon*. Take $\mathfrak{h}\mathfrak{j}$ of elemi, $\mathfrak{z}\mathfrak{x}$ of common turpentine, $\mathfrak{h}\mathfrak{i}\mathfrak{j}$ of prepared suet, $\mathfrak{z}\mathfrak{i}\mathfrak{j}$ of olive oil; melt the elemi with the suet, remove them from the fire, and immediately mix them with the turpentine and the oil, and strain through linen.

Medicinally it is a mild stimulant dressing for setons and issues, and for promoting the healing of ulcers. When too solid, add a little oil of turpentine.

UNGUENTUM ELEMI CUM ÆRUGINE. Take $\mathfrak{z}\mathfrak{j}$ of ærugo, $\mathfrak{h}\mathfrak{s}\mathfrak{s}$ of elemi ointment, mix the verdigrise with a little oil, and having melted the ointment gradually, stir it in. It is a good stimulant for foul ulcers.

UNGUENTUM FERRI ARSENIATIS. Ointment of Arseniate of Iron. Take $\mathfrak{z}\mathfrak{s}\mathfrak{s}$ of arseniate of iron, $\mathfrak{z}\mathfrak{i}\mathfrak{j}$ of phosphate of iron, $\mathfrak{z}\mathfrak{v}\mathfrak{j}$ of spermaceti ointment; mix carefully, and apply to cancerous ulcers, and *noli-me-tangere*, to produce sloughing. It is not very safe.

UNGUENTUM FERRI PHOSPHATIS. Ointment of Phosphate of Iron. Take $\mathfrak{z}\mathfrak{i}\mathfrak{i}\mathfrak{j}$ of phosphate of iron, $\mathfrak{z}\mathfrak{j}$ of spermaceti ointment; mix, and apply to atonic ulcerations, and for promoting a slough.

UNGUENTUM FERRI HYDROCYANATIS. Ointment of Prussian Blue. Take $\mathfrak{z}\mathfrak{j}$ of the hydrocyanate (prussiate) of iron in powder, $\mathfrak{z}\mathfrak{j}$ of spermaceti ointment; mix, and apply to foul and irritable ulcers, open cancer, *noli-me-tangere*, &c. (ROUDET.)

UNGUENTUM FERRI SUBCARBONATIS. Take ʒj each of subcarbonate of iron and balsam of copaiba, ʒvj of spermaceti ointment; mix, and apply to phagedenic ulcers.

UNGUENTUM GALLÆ CAMPHORATUM. Camphorated Ointment of Galls. Take ʒij of galls in fine powder, ʒss of camphor, ʒj of prepared lard; incorporate the camphor with the lard, and then add the galls. Apply as an astringent for piles after leeching and fomentations.

UNGUENTUM GALLÆ COMPOSITUM. Take ʒij each of powdered galls and solution of acetate of lead, ʒj of powdered opium, ʒj each of prepared lard and spermaceti ointment. It is a good astringent for burns, scalds, hæmorrhoids, &c.

UNGUENTUM GALLARUM. D. Ointment of Galls. Take ʒj of finely-powdered galls and ʒviij of prepared lard, to make an ointment for piles, &c.

UNGUENTUM HELLEBORI ALBI. Ointment of White Hellebore. Take ʒj of white hellebore in powder, ʒj of prepared lard; mix, and apply for itch, and other eruptions. See **UNG. VERATR.**

UNGUENTUM HYDRARGYRI. E. D. P. Take equal parts of mercury and suet, three parts of lard; mix, till the filobules of mercury disappear. One drachm contains gr. xij of mercury. See **UNG. HYDRARG. FORTIUS.**

UNGUENTUM HYDRARGYRI ALBI. Take ʒj of the hydrosublimed mercury, ʒij of olive oil, ʒiij of prepared lard; mix intimately, and apply in the same cases as the strong mercurial ointment, than which it is an equally effectual and a neater preparation.

UNGUENTUM HYDRARGYRI CAMPHORATUM. Take ʒj of strong mercurial ointment, ʒss of camphor; mix, and apply at bed-time along the course of the urethra, for chordee, or to indurated tumours.

UNGUENTUM HYDRARGYRI FORTIUS. L. Strong Mercurial Ointment. *Blue ointment.* V. Take ℥ij of purified mercury, ʒxxiij of prepared lard, ʒj of prepared suet; first triturate the mercury with the suet and a little of the lard, till the globules disappear, add the rest of the lard, and mix. One drachm contains gr. xxx of mercury.

Chemically the mercury appears to be partly in a state of mechanical subdivision and partly in the form of protoxide, the latter of which alone is the active part of the preparation. An ointment may accordingly be made of more uniform strength, by incorporating gr. xxj of the black oxide of mercury with ʒj of lard, at the temperature of 250° Fahr. (DONOVAN.) See **UNG. OXID. HYDR. CINER. E.**

Genuine strong mercurial ointment is, when fresh made, of a greyish-blue colour, and has no appearance of globules of metallic mercury diffused through it.

Imitated, or rather improved, by substituting butter of cacao for lard,

and using equal parts of it and mercury, adding to every ounce $\mathfrak{m}\text{x}$ of fresh egg oil. This form of the ointment has the advantage of an agreeable smell, and of keeping well without becoming rancid. (M. PLANCHE.)

Adulterated with an ointment made with rancid lard, which greatly facilitates the incorporation of the mercury, but it is rendered by this means more irritating to the skin, and still more so by turpentine, which is added for the same purpose. Sulphurated oil renders it inert by forming a sulphuret of mercury.

Medicinally it is one of the best modes of administering mercury, from $\mathfrak{z}\text{ss}$ to $\mathfrak{z}\text{ij}$ being rubbed in before the fire, with the warm hand of the patient himself, and on the inside of the thighs or arms, and on the calves of the legs every night, till the mouth acquire a metallic taste, and become slightly sore, when it must be partially discontinued, as excessive salivation is found in almost every case to do more harm than good. The warm bath is better for promoting its action than the addition of camphor, &c., which are apt to irritate the skin. The ointment itself sometimes irritates the skin, and brings out eruptions, in which case a different place must be selected for the frictions. When it is employed for dropsy, diuretics should be employed with it. When salivation runs too high, a dose or two of the acetate of morphine should be given, and the ointment or liniment of belladonna should be rubbed over the parotid and submaxillary glands. In local paralysis, and other local affections, it is good to rub in this ointment, and give at the same time calomel, or some other mercurial, internally.

UNGUENTUM HYDRARGYRI MITIUS. L. D. Milder Mercurial Ointment. Take $\mathfrak{lbj}$ of strong mercurial ointment, $\mathfrak{lbj}$ of prepared lard; mix. Six drachms of this contain $\mathfrak{zj}$ of mercury. It is a preparation of little importance; but is sometimes used to dress syphilitic sores, and to destroy pediculi.

UNGUENTUM HYDRARGYRI NITRATIS. L. E. D. Ointment of Nitrate of Mercury. *Citrine ointment. V. Ung. supernitrat. hydrarg. O.* Take $\mathfrak{zj}$ of purified mercury, $\mathfrak{3xj}$ of nitric acid, $\mathfrak{3vj}$ of prepared lard, $\mathfrak{z}\text{iv}$ of olive oil; dissolve the mercury in the acid, and, while the solution is hot, mix it with the oil and lard, previously melted together.

Medicinally it is useful in herpes, and other eruptions, and for indolent ulcers, as a stimulant and alterative. It is an excellent application to inflammation of the tarsi, when mixed over a water-bath, with equal parts of spermaceti ointment, or almond oil, put on in a very small quantity, with a camel's-hair pencil, at bed-time: $\mathfrak{z}\text{ij}$ of balsam of copaiba to $\mathfrak{zj}$ of this ointment, is a good addition.

UNGUENTUM NITRATIS HYDRARGYRIS MITIUS. E. Milder Ointment of Nitrate of Mercury. Take three times the quantity of the lard and the oil as that directed in the preceding. It is used chiefly for the eyes, and is not so hard as the other: ʒj of pitch, or of sugar of lead water, to ʒj of the ointment is a good addition for piles, prurigo pudendi et recti, &c.

UNGUENTUM HYDRARGYRI NITRICO-OXIDI. L. D. *Ung. oxidi hydrarg. rubri.* E. *Ung. subnitrat. hydrarg.* O. Ointment of Nitric Oxide of Mercury. Take ʒj of nitric oxide of mercury, ʒij of white wax, ʒvj of prepared lard; to the wax and lard melted together add the nitric oxide of mercury reduced to a very subtile powder, and mix. The nitric oxide ought to be very finely pulverized.

Medicinally it is an excellent stimulant for foul and atonic ulcers, and chronic inflammation of the eyelids. It is best applied on a bit of lint to ulcers, covering this with a dressing of spermaceti ointment. When mixed with any sort of resinous ointment, the red oxide of mercury is converted into the black oxide. One drachm of subcarbonate of iron to ʒj of this ointment is a good addition.

UNGUENTUM HYDRARGYRI OXYMURIATIS. Corrosive Sublimate Ointment. Take gr. x of oxymuriate of mercury very finely levigated, the yolk of one egg, ʒj of prepared lard. First triturate the sublimate with the yolk of egg, and then incorporate with the lard. It is used in the same cases as the preceding.

UNGUENTUM HYDRARGYRI PRÆCIPITATI ALBI. L. Take ʒj of white precipitated mercury, ʒjss of prepared lard; melt the lard over a slow fire, add the mercury, and mix. It is a good itch-ointment, and is useful for porrigo and herpes.

UNGUENTUM HYDRARGYRI PRÆCIPITATI PER CALCE. Take ʒj of the precipitate which falls on mixing the oxymuriate of mercury with lime water, ʒj of ointment of elder-flowers, or of prepared lard; mix, and apply to phagedenic and strumous ulcers, and cutaneous affections.

UNGUENTUM HYDRARGYRI PROTO-IOURETI. *New.* Take ʒj of the proto-ioduret of mercury, ʒjss of prepared lard, and make an ointment for strumo-syphilitic ulcers. The deuto-ioduret makes a still more active ointment. A very small quantity of these ointments is applied upon a bit of lint.

UNGUENTUM HYDRARGYRI PRUSSIATIS. Ointment of Prussiate, or Hydrocyanate of Mercury. Take ʒijss of hydrosublimed mercury, ʒxx of hydrocyanic acid, ʒj of spermaceti ointment; mix carefully in a glass mortar. If the acid be of a proper strength it will make the mercury of a blue colour. It is good for porrigo, herpes, and irritable syphilitic ulcers.

UNGUENTUM INFUSI MELOES VESICATORII. E. Ointment of Infused Cantharides. Similar to the UNG. CANTHAR. L. The cantharides are in both rendered nearly inert by boiling. An ointment of CANTHARADINE would be preferable.

UNGUENTUM IODINII. D. Iodine Ointment. Take $\mathfrak{zj}$ of iodine, $\mathfrak{zj}$ of fresh prepared lard; incorporate by trituration in a glass mortar.

Medicinally it is applied with good effect to wens and scrofulous swellings, and also for scirrhus, &c. It renders the skin yellow, but this soon wears off. When it irritates the skin, the proportion of iodine must be diminished, or partially discontinued; when it does not, the iodine may be increased. The iodurets of lead and of mercury are also used in ointments in similar cases.

UNGUENTUM LAURINUM. P. Laurel Ointment. Take 500 parts of laurel-leaves, 1000 parts of prepared lard, incorporate in a mortar, melt in a gentle heat till all moisture disappear, and towards the end add 500 parts of laurel-berries, in powder; digest in a water-bath for ten hours, and strain through linen. It is tonic and nervine.

UNGUENTUM LUPULINÆ. Take one part of lupulin, and three parts of prepared hogs'-lard, and make an ointment. (FREAKE.)

UNGUENTUM LYTTE. See UNG. CANTHAR.

UNGUENTUM NUTRITUM. Take $\mathfrak{ss}$ of litharge, $\mathfrak{z}$ of acetic acid, $\mathfrak{ss}$ of olive oil, melt the litharge and oil, and triturate by small portions with the acid, till it is quite white. It is applied to ulcers with inflamed edges.

UNGUENTUM OPHTHALMICUM. See UNG. HYDRARG. NITRAT., UNG. ÆRUG., and UNG. ZINCI.

UNGUENTUM OXIDI PLUMBI ALBI. E. *Unguentum cerussæ sive subacetatis plumbi*. D. Ointment of White Oxide of Lead. Take five parts of simple ointment, one part of white oxide of lead; mix, and make an ointment to be applied to burns and excoriations.

UNGUENTUM OXIDI HYDRARGYRI CINEREI. E. Ointment of Grey Oxide of Mercury. Take one part of the grey oxide of mercury, three parts of prepared lard, make an ointment as a substitute for strong mercurial ointment.

UNGUENTUM OXIDI ZINCI IMPURI. E. See UNG. TUTIÆ, D., and UNG. ZINCI. L.

UNGUENTUM PICIS LIQUIDE. L. D. Tar Ointment. Take $\mathfrak{ss}$ each of tar and prepared suet; melt them together, and strain through linen. It is said to be good for herpetic eruptions and some forms of porrigo. Sulphur is a good addition.

UNGUENTUM PICIS NIGRÆ. L. Black Pitch Ointment. *Ung. basilicum nigrum*. O. *Black basilicon*. V. Take $\mathfrak{z}$ ix each of pitch,

yellow wax, and yellow resin, Oj of olive oil; melt over a slow fire, and strain through linen. It is stimulant and sedative, but not a very agreeable application to irritative ulcers: ʒss or ʒj of finely levigated red precipitate, to ʒj of the ointment, is a good addition.

UNGUENTUM PIPERIS NIGRI. D. Ointment of Black Pepper. Take ʒiv of black pepper finely powdered, ℥bj of prepared lard; make an ointment to be used as an irritative stimulant.

UNGUENTUM PLUMBI CARBONATIS. D. Ointment of Carbonate of Lead. Take ʒij of carbonate of lead in fine powder, and ℥bj of white wax to make an ointment for burns and irritable sores.

UNGUENTUM PLUMBI COMPOSITUM. Take ℥ss of lead plaster, ʒiv prepared lard, ʒvj each of olive oil and wax ointment, ʒiv of vinegar, ʒij of solution of subacetate of lead; the four first are to be melted together, and, when cold, the other two added gradually. It is useful in cutaneous inflammation as a defensive.

UNGUENTUM PLUMBI CUM ACETO. See UNG. NUTRITUM.

UNGUENTUM PLUMBI SUBACETATIS. Take ʒj of wax ointment, ʒss of solution of subacetate of lead; mix, and apply as the preceding.

UNGUENTUM POTASSÆ HYDRIODATIS. D. Ointment of Hydriodate of Potass. Take ʒj of hydriodate of potass, ʒj of prepared lard; make an ointment to be rubbed in on strumous and scirrhus tumours, &c., in the quantity of ʒss morning and night, increasing it gradually. (MAGENDIE.)

UNGUENTUM PULVERIS MELOES VESICATORII. E. UNG. CANTHAR. D. Take seven parts of resinous ointment, one part of powdered cantharides; mix, and make an ointment to be applied as an irritative stimulant, to keep open blisters and issues.

UNGUENTUM POPULEUM. P. Take 500 parts of the fresh buds of the black poplar, macerate for 24 hours, in 1500 parts of prepared lard, melted, keep this till the following herbs can be had fresh, viz., 128 parts of the leaves of belladonna, hyoseyamus, *Solanum nigrum*, and black poppies; mix with the preceding, melt over a slow fire, till all moisture disappears, and strain.

Medicinally it is sedative for local inflammations and piles, and eases the pain of cancer. It is applied also a little hot to the chapped breasts of nurses, &c.

UNGUENTUM RESINÆ NIGRÆ. O. See UNG. PICIS NIGR.

UNGUENTUM RESINOSUM. E. Resinous Ointment. *Ung. resinæ albæ*. D. Take eight parts of hogs'-lard, five parts of resin, and two parts of yellow wax; melt, and mix for a detersive and stimulant ointment.

Enters into Ung. Subacetatis Cupri. E. D.

UNGUENTUM RESINÆ FLAVÆ. Ointment of Yellow Resin. *Yellow basilicon*. O. Take ℥bj each of yellow resin, yellow wax, and olive

oil; melt the wax and the resin together, and add the oil. It is a popular digestive.

UNGUENTUM RESINÆ NIGRÆ. L. See UNG. BASILICUM. P.

UNGUENTUM SABINÆ. See CERATUM SABIN.

UNGUENTUM SAMBUCI. L. D. Elder Ointment. Take ℥ij each of elder-flowers and prepared lard; boil the elder-flowers in the lard till they become crisp, and strain through linen.

Medicinally it is emollient, and in piles is preferable to spermaceti ointment, which sometimes increases irritation. Mr. Brande says it is a foolish preparation, and Dr. Paris seems to agree with him.

UNGUENTUM SCROPHULARIÆ. D. Ointment of Water Betony, or Stinking Roger. Take ℥ij of the fresh leaves of *scrophularia nodosa* and prepared suet; boil the leaves in the suet till they are crisp, and strain with expression.

UNGUENTUM SIMPLEX. E. D. Simple Ointment. Take five parts of olive oil and two parts of white wax; melt, to form an ointment. It is emollient, and used for dressing blisters, and as a basis for other ointments.

Enters into Ung. Acetatis Plumbi. E. Ung. Oxidi Plumbi Albi. E.

UNGUENTUM SUBACETATIS CUPRI. E. D. See UNG. ÆRUG. O.

UNGUENTUM SUBMURIATIS HYDRARGYRI AMMONIATI. D. Take ʒjss of ammoniated submuriate of mercury, ʒij of white wax ointment; mix.

UNGUENTUM SULPHURIS. L. E. D. Sulphur Ointment. Take ʒiij of sublimed sulphur, ℥ss of prepared lard; mix. It is almost, if not altogether, a specific in scabies or psora. The colour may be improved by cinnabar, and the smell covered by oil of lavender and essence of bergamot. The muriate of ammonia is a good addition to allay the itching.

UNGUENTUM SULPHURIS COMPOSITUM. L. Compound Sulphur Ointment. Take ℥ss of sublimed sulphur, ʒij of white hellebore-root, powdered, ʒj of nitrate of potass, ℥ss of soft soap, ℥jss of prepared lard; mix. This is a very inelegant and coarse form, and is only used in hospitals, for itch, and for destroying lice. It is very irritating.

UNGUENTUM SULPHURIS CUM ZINCI SULPHATE. *Pharm. Berlin.* Jasser's Ointment. Take ʒij each of sublimed sulphur and sulphate of zinc, q. s. of lard and oil of laurel to form an ointment. This is excellent for scabies.

UNGUENTUM TARTARI EMETICI. D. Tartar Emetic Ointment. See UNG. ANTIMON. TARTARIZ.

UNGUENTUM TUTIÆ. D. P. Tutty Ointment. *Ung. oxidi zinci impuri.* E. Take ʒij of prepared tutty, ʒx of white wax ointment, mix. Astringent for tarsal ulcers.

UNGUENTUM VERATRI. L. White Hellebore Ointment. *Ung. helleb. albi. D.* Take $\mathfrak{z}\text{ij}$ of white hellebore-root, in powder, $\mathfrak{z}\text{vii}\mathfrak{j}$ of prepared lard, $\mathfrak{m}\text{xx}$ of oil of lemons; mix. It is extremely irritating, and ought not to be used for children. It effectually destroys vermin.

UNGUENTUM VERATRINÆ. New. Ointment of Veratrine. Take gr. iv of veratrine, $\mathfrak{z}\text{j}$ of prepared lard; mix, and apply for chronic rheumatism, gout, and dropsy. (MAGENDIE.)

UNGUENTUM ZINCI. L. Ointment of Zinc. *Ung. oxid. zinci. E. D.* Take $\mathfrak{z}\text{j}$ of oxide of zinc, $\mathfrak{z}\text{vj}$ of prepared lard; mix, and apply to the tarsi at bed-time, as an astringent for ophthalmia tarsi, and to excoriated nipples; but it is not safe for the infant at the breast. It is improved by calomel.

UNGUENTUM ZINCI IODIDIS. New. Ointment of Iodide of Zinc. Take $\mathfrak{z}\text{j}$ of iodine of zinc, $\mathfrak{z}\text{j}$ of prepared lard, make an ointment for scrofulous and scirrhoustumours; $\mathfrak{z}\text{j}$ to be rubbed in daily and increased, if no irritation follow. (URE.)

UPAS ANTIAR. The juice of the *Antiaris toxicaria*, is a strong vegetable poison, and used by the Indians to poison arrows.

UPAS TIEUTE. The celebrated poison of Java, which kills in a few seconds by inducing tetanus. It appears to contain STRYCHNINE. (MM. PELLETIER and CAVENTOU.)

UREA. New. A chemical principle derived from urine, by treating it, when evaporated to the consistence of syrup, with an equal volume of nitric acid, at 24° . Agitate this mixture in an ice-bath, to obtain crystals, which must be washed with water at zero, and pressed between two sheets of paper. Dissolve these in water, and treat with subcarbonate of potass, to take up the nitric acid. Evaporate to dryness with a gentle heat, treat the residue with pure alcohol, which will only dissolve the urea, concentrate the solution, and crystallize the urea. It may be deprived of all smell and colour, by heating it with animal charcoal.

Medicinally urea is said to be diuretic, and it has also been given by M. Segalas, for diabetes, commencing with gr. xxv, and increasing to several drachms in *Eau sucrée*. It does not appear to merit much confidence. (MAGENDIE.)

URIC ACID is the same as *Lithic Acid*, which see.

URTICA. P. See NETTLE.

USQUEBAUGH. Escubac. A liqueur, the name of which is Celtic for "Water of Life." *Aqua vitæ. O.* It is prepared by infusing for eight days, in Oiv of brandy, $\mathfrak{z}\text{vj}$ of saffron, gr. xxiv of mace, the peels of an orange and two citrons; distilling this tincture in a water-bath; then dissolving $\mathfrak{f}\text{biv}$ of sugar in Oij of soft water, adding it to the former, and filtering.

UVÆ PASSÆ. L. E. P. Raisins. The dried fruit of the *Vitis vinifera*. Raisins are cooling, acidulous, and nutritive, also slightly laxative, and expectorant; but of little medicinal importance.

UVÆ URSI FOLIA. L. E. D. P. Uva Ursi, or Bear-berry Leaves. *Arbutus uva ursi*. A native shrub, but not common. It is chiefly used on account of its astringency. It is also slightly diuretic. It is supposed to relieve nephritic and calculous complaints and vesical irritability by astringing the relaxed mucous membrane of the bladder, &c., and diminishing the secretion of mucus. The dose is ℥j to ʒj of the dried leaves thrice a day. It frequently renders the urine black. It does not seem to merit much confidence.

Imitated by substituting the leaves of other plants for the genuine, which are oblong-egg-shaped, very entire, and veined like network underneath.

V.

VACCINE MATTER is procured by puncturing the vaccine pustule about the ninth or tenth day, and drying what exudes on a lancet, or, what is better, on a small square of glass. When it is to be sent to a distance, it ought to be drawn into a small glass globe, and hermetically sealed. It will thus keep good for a long period. When it is to be applied, the dried matter must be moistened with a little hot water.

VALERIANÆ RADIX. L. E. D. P. Valerian Root. *Valeriana officinalis*. A native plant, not uncommon in woods and thickets. The root has a very unpleasant smell (which cats are very fond of), and a somewhat acrid and nauseous bitter taste.

Adulterated with other roots, but the genuine may be known by a cluster of fibres adhering to one head, and by having the peculiar smell of valerian. Those are best which are procured from a dry soil, though it is not easy to procure such, for the plant affects moist ground. The same remark holds of digitalis.

Medicinally it has long been considered an antispasmodic and emmenagogue, and is on that account prescribed in hysteria, and chlorosis, as well as in other nervous disorders. Dr. Paris says the powder is the best form, and the decoction the worst: Mr. Brande, that the powder is not a commendable form, and that it is best in infusion or decoction. The tincture is perhaps preferable. Dose of the powder ℥j to ʒj, twice a day, with mace or cinnamon to disguise the flavour. It is a good adjunct to bark and the foetid gums.

Enters into Ext. Valerianæ. D. Infus. Valerianæ. D. Tinct. Valerianæ. L. D. Tinct. Valerianæ Ammoniata. L. D.