

**The pupil's pharmacopoeia; being a literal translation of the London Pharmacopoeia, the English following the original in italics word for word : and the Latin text being marked to facilitate a proper pronunciation In addition to which, the chemical decompositions are explained in a note at the foot of each preparation. To the whole is annexed, a table exhibiting at one view, the names of medicines, with their properties, doses, and antidotes ... etc / By W. Maugham.**

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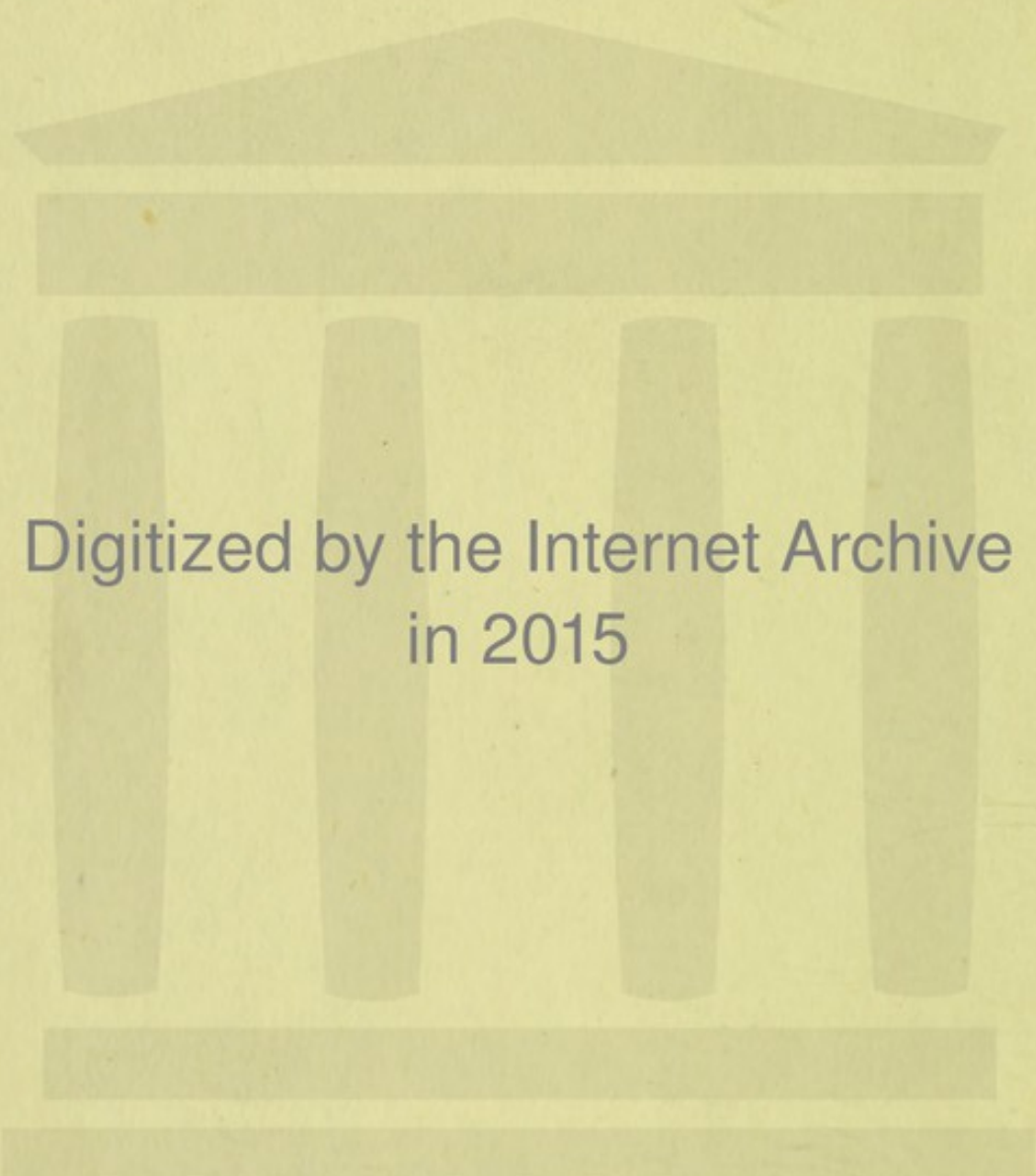
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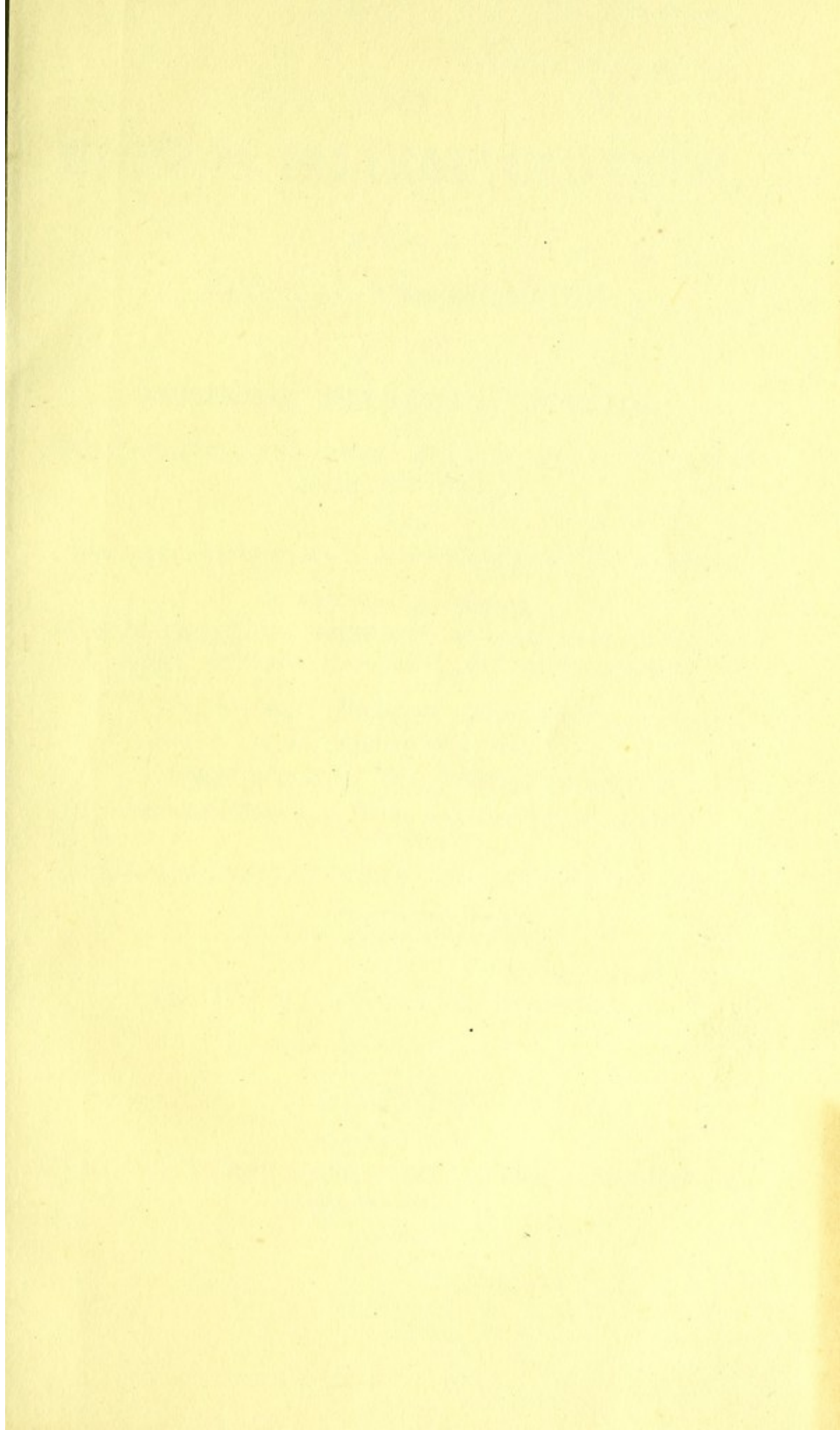
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THE  
**PUPIL'S PHARMACOPŒIA;**

BEING A  
LITERAL TRANSLATION

OF THE

**LONDON PHARMACOPŒIA,**

THE ENGLISH FOLLOWING THE ORIGINAL IN ITALICS  
WORD FOR WORD;

AND

The Latin text being marked to facilitate a proper Pronunciation.

IN ADDITION TO WHICH,

THE CHEMICAL DECOMPOSITIONS ARE EXPLAINED IN  
A NOTE AT THE FOOT OF EACH PREPARATION.

TO THE WHOLE IS ANNEXED,

A Table exhibiting at one view,

*THE NAMES OF MEDICINES,*

With their Properties, Doses, and Antidotes in cases of  
Poison, &c. &c.

*DESIGNED EXPRESSLY FOR THE USE OF STUDENTS.*

---

*“ Duplex libelli dos est.”*

---

By W. MAUGHAM, SURGEON.

---

**LONDON:**

PRINTED FOR

LONGMAN, HURST, REES, ORME, BROWN, AND GREEN,  
PATERNOSTER-ROW.

1824.



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LONDON:  
Printed by A. & R. Spottiswoode,  
New-Street-Square.

TO  
**DAVID UWINS, M.D.**

CORRESPONDING MEMBER OF THE MEDICO CHIRURGICAL  
SOCIETY OF BERLIN,

FELLOW, AND LATE PRESIDENT, OF THE LONDON  
MEDICAL SOCIETY,

PHYSICIAN TO THE CITY DISPENSARY, AND LECTURER ON THE  
THEORY AND PRACTICE OF MEDICINE,

THIS TRANSLATION  
OF

*THE LONDON PHARMACOPŒIA,*

WITH NOTES, &c.

IS MOST RESPECTFULLY DEDICATED,

BY HIS MUCH OBLIGED

AND VERY GRATEFUL PUPIL,

**WILLIAM MAUGHAM.**

*London, December 1. 1823.*







## TRANSLATOR'S PREFACE.

---

ALTHOUGH the following translation of the London Pharmacopœia was undertaken principally for the use of students, yet as it is printed throughout in an Italic type, and may be read independently of the Latin, it will, no doubt, be found serviceable to the general practitioner. Perhaps there are some who will at once condemn the very appearance of the interweaving, as it were, of the two languages together: but I will ask these, if a translation be admissible at all, why it should not be equally so under the present arrangement? When works of this kind have been written in a dead language, and couched for the most part in terms of modern invention, I conceive they cannot be rendered too explanatory to the junior part of the profession; some of whom have never had a classical education, whilst many others, during their apprenticeship, have, in all probability, forgotten the little knowledge of Latin they had acquired at school. The short period which is usually spent in attending Hospital practice, and the different lectures, &c. necessary for rendering a young man eligible for his examination, either at the College of Surgeons or Apothecaries' Hall, is certainly of all others the most improper for entering upon the study of this language, as the whole of his attention should then be



directed to those pursuits which are of a more important nature; inasmuch as they affect not only himself, but the public at large. It is by no means requisite, that a person should possess a knowledge of Latin either to reduce a dislocation, or to afford relief in a case of enteritis; and it may not be discouraging to remember, that the greatest surgeon the world ever produced, and whose name should never be mentioned but with reverence, was altogether deficient in classical acquirements. I would not, however, by any means wish to depreciate this sort of literature, being perfectly aware that where it can be cultivated without interfering with those duties which every man owes to society, it will always tend to enlarge the mind and assist in thinking with more accuracy and precision.

To facilitate something like a proper pronunciation, these two marks have been introduced [- ˘], the former of which shews that the vowel over which it is placed must be pronounced long; whilst, on the contrary, a vowel accompanied by the latter should be pronounced short. By simply attending to these observations, there will be but little difficulty in giving each word its proper accent; for if the penultimate and antepenultimate syllables of Latin words have their proper *quantities* assigned them, a correct accentuation will follow as a matter of course. I speak generally, deeming it unnecessary, in this place, to enter into the labyrinths of prosody. As far as it could be done, the names in the *Materia Medica* have been marked agreeably to their derivation; and



where this was not practicable, the most received authorities have been adopted.

That the work might not be considered deficient, the preface of the college is prefixed, in the translating of which a little more freedom has been used, as a verbal translation could have answered no useful purpose.

The chemical decompositions are given with as much conciseness as possible, and will be found agreeable to the most recent theories; thus saving the trouble of turning to different authors where a number of opinions often embarrass rather than inform the student. No observation is made respecting the process for producing *æther*; because the theory is as yet involved in much obscurity, and the notions entertained by different chemists are as unsatisfactory as they are multifarious. Were the study of chemistry more attended to by medical men, it would undoubtedly be productive of beneficial results; but that part of chemistry which appertains to the compounding of medicines, ought, at least, to be better understood than it generally is. I know of no book so well calculated to assist the student on this head as Gray's Elements of Pharmacy, which has been put into my hands since the following sheets were sent to press, and which I would recommend as containing much useful information.

In conclusion, I have to observe, that every care has been taken to render the work on the whole as perfect as possible; but should any errors inadvertently have crept in, it is hoped they will meet with indulgence.



## PRÆFATIO.

---

ANNIS viginti duobus vix elapsis, Pharmacopœiam nostram incudi reddere iterùm statuimus. Hunc laborem nobis imposuit culta indiès et amplificata Naturæ scientia. Illa enim intra paucos hos annos ità erroribus purgata et experimentis illustrata est, ità principiis novis firmitioribus, altioribus, undequaque stabilita, ut si in hâc unâ parte, quæ ad Medicinam spectat, neglecta et rudis jaceret, id nobis meritò dedecori verteretur; præcipuè cum duæ finitimæ huic nostræ Artes, Chemica, et Botanica, hæc, omnes omnium regionum herbas cum labore maximo exploraverit; illa integram suam disciplinam in meliorem commutaverit, et linguam penitùs novam loqui didicerit. Non ulteriùs igitur spatium esse moræ videbatur, quin medicamentorum omnium vires et naturam cum summâ diligentîâ perpendamus, ut si fuerint, quæ vel obsoleta vel supervacua judicemus, loco moveamus.

Antecessores nostri plurimùm sanè contulerunt ad singula certiùs promptiùsque confi-



## PREFACE.

---

SCARCELY are twenty-two years elapsed, and again we have determined to re-model our Pharmacopœia. This task has been imposed upon us by the daily cultivated and enlarged science of natural Philosophy: which has, within these few years, been so elucidated by experiments and freed from errors, so established on all sides upon new, firmer, and more exalted principles, that if that part thereof which relates to Medicine were laid aside neglected and unimproved, it would very justly be considered a disgrace to us; especially when of the two Sciences most nearly allied to ours—Chemistry and Botany—one has explored, with the most diligent research, all kinds of herbs of every climate; the other has changed its whole system for a better, and learned to speak an entirely new language. There seemed, therefore, no further ground for delay, but that we should examine with the utmost attention the virtues and nature of every medicine, so that if there were any which we deemed either obsolete or superfluous, we might remove them from their place in the *materia medica*.

Our predecessors have certainly very much contributed towards having each article prepared



cienda; jàm tùm enim Philosophiæ lux nova exoriebatur, quæ pristinæ disciplinæ nubila discutiebat, formidines vanas cum tenebris simul fugabat, secreta denique Naturæ eatenùs recludebat, ut quid incongruum esset, quid consentaneum, quænam inter se pugnancia, quænam in compositione aptissimè consocianda, medicorum oculis palàm tandem ostenderet. Sed ea est artis conditio, ut emendari quidè̀m possit, absoluta reddi non possit.

Exindè̀ igitur in annos singulos aliquid medicinæ accessit, neque à priorum incœptis hæc ætas nostra declinavit, quin et morborum quorundam signa accuratiùs exposuit, et quibusdam remedia magis idonea reperit, tum medicamentorum alia inutilia et inepta rejecit, alia valentiora usu et autoritate comprobavit; universa etiam aut scrutata est diligentius, aut quomodo peritiùs componantur, edocuit. Cum nos igitur ad hoc opus recognoscendum animum primum intendimus, multa invenimus quæ cum perfectiore nostræ artis disciplinâ malè congruebant, plura quibus abhorrebat erudita illa rerum appellandarum norma, quam intereà physici excogitaverant, nonnulla etiam quæ addi postulabat ipsius operis ordo, et concinnitas. Non ideò tamen nos fefellit multum molestiæ, multum etiam



with more promptness and accuracy ; for in their days that new light of Philosophy was beginning to appear, which dispelled the clouds of the ancient system, and put to flight the groundless fears which accompanied the darkness of the times ; and, in short, so far revealed the secrets of nature as to shew at length more openly to the eyes of physicians what things were incongruous, and what were proper, those which varied with each other, and those uniting most readily in composition. But such is the condition of this art, that, although it may admit of improvement, it cannot be rendered perfect.

From that period, therefore, every year has produced some improvement in medicine ; nor has the present age been backward in following up what the former had begun, but has expounded more accurately the symptoms of some diseases, and devised for others remedies more appropriate, having rejected some useless and inept medicines, whilst it has approved, from experience and authority, of others more efficacious ; and at the same time not only examined the whole more diligently, but has also taught us in what manner they may be more skilfully compounded. When, therefore, we first turned our attention to the revisal of this work, we discovered many things which ill agreed with the more perfect state of the science, but a still greater number which were at variance with that erudite system of nomenclature latterly thought of by philosophers, and some also which the concinnity and order of the work itself required to be added to it. It did not, however, escape our notice that



periculi, à crebrâ Pharmacopœiarum mutatione provenire: sed nobis persuasum erat, ea tandem et stabilia maximè et utilia fore, quæ cum rectâ ratione arctissimè convenirent. Quibus perpensis, nomina medicamentis dare, quantum fieri potuit, legitima, et naturæ cujusque congruentia, statuimus: sic tamen, ut provideremus ne titulorum amplificatio medicos impediat. Si pluribus igitur vocabulis opus fuerit, ut rei cujuscumque compositionem manifestè in appellando designemus, ei simplicius, etsi minùs eruditum cognomen apponere maluimus.

Quod ad nos attinet, nihil laboris detrectavimus quo librum hunc quàm perfectissimum ederemus. Non ità tamen, ut omnibus nos satisfacturos esse, vel errores nullos admisisse, confidamus; quos si quis asperius notare voluerit, reputet modo quantum et varietatis et difficultatis hujusmodi opus amplectitur, et paucis maculis non offensum iri speramus.—Sed hæc hactenus.

Quædam vero obnixius excusanda sunt, quæ videantur aut plus quàm satis est ab usu populari discedere, ut *Anthemis* et *Lytta*, aut horridum quid ac barbarum sonare, ut *Potassa*. Diù tamen restitimus: sed quid contra omnium Physicorum auctoritatem facere, aut quâ potuimus nomina Animalium, Herbarum, Lapidumve, ea retinere, quæ rebus omninò diversis Scriptores



much trouble and danger arises from a frequent alteration of Pharmacopœias, and we were therefore persuaded that those amendments would in the end be most permanent and useful that best accorded with sound reasoning. Having well weighed these considerations, we resolved, as far as it could be done, to affix such names to medicines as would be appropriate and agreeable to their nature ; nevertheless, taking care that their length should not be an obstacle to physicians. If, therefore, it required many words to designate clearly the composition of an article, in giving it a name, we have chosen the more simple, although it may be the less learned title of the two.

As far as relates to ourselves, every endeavour has been used to render the present edition as perfect as possible. We do not, however, suppose that it will be satisfactory to every one, or that no errors have crept in ; but should any person feel disposed to notice these with severity, let him consider with what diversity and difficulties a work of this kind is fraught, and we trust he will then not be displeased at a few blemishes. But no more on this head.

Some names, however, require a more earnest apology, as they seem to depart more than is absolutely necessary from popular custom, such as *Anthemis* and *Lytta*, whilst others sound barbarous and disagreeable, as *Potassa*. We hesitated a good while, but what could we do against the authority of all natural philosophers ? or how could we retain those names of animals, plants, and stones, when the first writers in this kind of



in eo genere principes imposuerant? Satiùs igitur esse putavimus nos in rudis ingenii crimen incurrere, quàm anceps aliquid, et dubiæ significationis admittere, aut voce unâ atque alterâ ab universâ chemicorum consuetudine dissentire.

Quod ad mutationem attinet quam in Mensuris liquidorum facere instituimus, ea cum ab omnibus dudum efflagitata fuerit, ne studio novitatis fieri existimetur, non est cur timeamus. Idem nomen liquidorum mensuræ, idem solidorum ponderi dari, errorem frequentissimè induxit. Illam autem mensuram, cui *Congio* nomen est, et cujus capacitas à Rege et Senatu præscripta est, mutare non ausi sumus, sed in partes pro arbitrio dividere, et unicuique titulum assignare, non licitum modò, sed officii esse nostri duximus.

Quod superest, eam nos in hoc opere perficiendo rationem adhibuisse speramus, quæ rei tractandæ sit accommodatissima. Nobis certè laboris et curarum præmia suavissima comparabuntur, si qualiacunque hæc sint, utilitati publicæ conducant, et vel hoc præstare videantur, ut morborum remedia paulò certiora indicentur, morbi ipsi paulò citiùs mitigentur.



science had applied them to things widely different? We have, therefore, thought it better to incur the blame of being ingenious in barbarism, rather than to admit any terms of an uncertain or dubious meaning, or to differ in this or the other word from the common custom of chemists.

As far as respects the change which we have determined to make in the measures of liquids, we are not afraid that it should be thought to arise from a desire of novelty, as it has long ago been desired by every one. The same name applied both to the measure of liquid and solid substances, has very frequently been the cause of error. We have not, however, dared to change that measure, the capacity of which is defined by the king and parliament, and which is called a *gallon*: but we have thought it not only lawful, but our duty, to divide it into parts, according to our discretion, and to assign to each a title.

To conclude, we trust we have adhered to that method, in bringing the work to perfection, which is best suited to the subject treated upon. To us, certainly, it will be a most agreeable reward for our labours and anxieties, if these things, such as they are, contribute to the public good, and shall appear to accomplish this object, namely, that the remedies of diseases be more certainly pointed out, whilst diseases themselves are more speedily relieved.



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# PHARMACOPŒIA

## LONDINENSIS.

### THE PHARMACOPŒIA OF LONDON.

#### PONDĚRA MENSŪRÆ, &c.

#### WEIGHTS, MEASURES, &c.

CUM *As* duo gēnĕra *two kinds* pondĕrum of *weights* rĕcepta sint *have been received* ūsu in use in Angliā in *England*, altĕro by one quōrum of *which* aurum gold et and argentum silver, altĕro by the other ferē almost cætĕræ all other merces commodities, æstĭmantur are estimated, nos we utĭmur use priōre the former, quod which et also vocātur is called Troy Weight: que and disper-timus we divide lĭbram the pound sic thus, vidēlicet namely:

Lĭbra lb.	}	habet contains	Uncĭas duōdĕcim	3
The pound			Twelve ounces.	
Uncĭa			Drachmas octo	3
The ounce			Eight drams.	
Drachma			Scrŭpŭlos tres	3
The dram	}		Three scruples.	
Scrŭpŭlus			Grāna viginti	gr.
The scruple	}		Twenty grains.	



Apposuimus we have placed notas the signs quibus by which est it is consuētum customary designāre to designate quodque every pondus weight.

Mensūra the measure liquīdōrum of liquids etiam also est is dispar unlike, alia one propria peculiar cerevisiæ to ale, alia the other vīno to wine ; nos we adhibēmus employ posteriōrem the latter, que and utimur we use mensūris the measures liquīdōrum of fluids deductis derived ex from congīo vinārio the wine gallon.

Congīus vinārius the wine gallon est is definitus defined lēgibus by the laws regni of the realm, quem which ad for mēdicināles medicinal usus uses dispertimus we divide sic thus, viz. namely.

Congīus	}	habet contains	Octarios octo	O
A gallon			Eight pints.	
Octarius			Fluiduncias sedecim	fz
A pint			Sixteen fluid ounces.	
Fluiduncia			Fluidrachmas octo	fz
A fluid ounce			Eight fluid drams.	
Fluidrachma	}		Mīnima sexaginta	m
A fluid dram			Sixty drops.	

Apposuimus we have placed notas the signs quibus by which designāmus we designate quamque every mensuram measure.

Ne lest quis any error error nascatur should arise ex from nominibus the names, quæ which sunt are imposita applied ponderibus to weights et and mensūris measures nullo without any discrimine discrimination, finximus we have invented



Est it is videndum to be seen, [i. e. observed] ne whether quid any [portion] cupri of copper, aut or plumbi lead, insit be present in materiâ in the material ex from quâ which mortâria mortars, mensuræ measures, infundibŭla funnels, aut or aliâ any vâsa vessels fiunt are made, in quibus in which mēdicamenta medicines seu either præparantur are prepared sive or servantur preserved; itaque therefore fictilia earthen ware, vitrifacta glazed plumbo with lead, sunt are aliēna improper.

Acida acid, alkalina alkaline, terræ earthy, metallica metallic, præparata preparations, tum also sales salts omnis of every gēnēris kind, oportet it is proper servare to keep in obturatis in stopped vitreis glass vâsis vessels.

Metimur we measure gradum the degree Calōris of heat thermomētro by the thermometer Fahrenheitiāno of Fahrenheit; et and cum when præcipi-

quædam certain nova new [nomina names, understood], non not inconsultè inconsiderately, quæ which brevis a little usus use reddet will render facilia familiar.

Ad hæc to this [or likewise] metimur we measure mensurâ vitrêâ by a glass measure, signâtâ graduated æquâlibus at equal intervallis distances, minimas the smallest partes parts liquidōrum of liquids. Ētēnim for numērus the number guttārum of drops est is fallax deceptive et and incertus uncertain, [there being] ferè almost bis twice tōtīdem as many guttis drops cujuslibet of any tincturæ tincture, quot as aquæ of water, implentibus for filling eandem the same mensuram measure.



mus we order CALŌREM FERVENTEM a boiling heat, intelligimus we mean istum that qui which notātur is marked ducentesimo at the two hundred duodecimo and twelfth gradu degree. Vērò but CALOR LENIS a gentle heat indicat means eum that [heat] qui which est is inter between nonagesimum the ninetieth et and centesimum the hundredth gradum degree.

Quoties as often as mentio mention fit is made PONDĒRIS SPECIFĪCI of specific weight, ponimus we suppose id the thing, de concerning quo which agitur it is treated, esse to be quinquagesimi of the fifty quinti fifth gradus degree calōris of heat.

BALNĒUM AQUŌSUM a water bath fit is made ubi when quaelibet any res thing, contenta contained suo in its vāse vessel, exponitur is exposed aut either aquæ ferventi to boiling water ipsi itself, aut or vapōri to the vapour ejus of it, ut that incalescat it may be heated.

BALNĒUM a bath ARĒNÆ of sand fit is made ex from arēnâ sand paulatim gradually calefaciendâ heated, in into quam which quaelibet any res thing imponitur is placed contenta contained suo in its vāse vessel.



# MATERIA MEDICA.

---

IN secundo in the second ordine column, VEGETABILIA *VEGETABLES* designantur are named ex from Speciebus the Species Plantarum of Plants Linnæi of Linneus, editis edited a Willdenow by Willdenow; ANIMALIA - *ANIMALS* secundum according to Linnæi Systēma Natūræ, Linnæus's System of Nature, editum edited a Gmelin by Gmelin; RES CHEMICÆ [and] *CHEMICAL ARTICLES* [according to] recentioribus the new nominibus names, nisi unless sit it be indicatum expressed aliter otherwise.

Abiētis Resīna,  
*Resin of the Spruce Fir.*  
Absinthium,  
*Common Wormwood.*

Acāciæ Gummi,  
*Acacia Gum (vulg. Gum Arabic).*

Acētōsæ Folia,  
*Leaves of Sorrel.*

Acetōsella,  
*Woodsorrel.*

Acētum,  
*Vinegar.*

Pīnus Abies,  
\* *The concrete Resin.*  
Artemisiā Absinthium.

Acāciā vēra,  
\* *The Gum.*

Rumex Acētōsa,  
\* *The Leaves.*  
Oxālis Acetōsella.

Acīdum acēticum impū-  
rum.

---

\* The Latin words *Resina concreta*, *Gummi*, *Folia*, &c. are not inserted, as they would have occasioned a confused appearance.



Acidum sulphuricum,  
*Sulphuric Acid.*

Its *specific gravity* to that  
of distilled water, is as  
1,850 to 1,000.

Aconiti Folia,  
*Leaves of Monk's hood.*

Adeps,  
*Hog's Lard.*

Ærugo,  
*Verdigris.*

Allii Rādx,  
*Root of Garlic.*

Alōēs spicātæ Extractum,  
*Extract of spiked Aloes*  
(*vulg. Socotrine Aloes*).

Alōēs vulgāris Extractum,  
*Extract of common Aloes*  
(*vulg. Barbadoes Aloes*).

Althææ Folia et Radix,  
*Leaves and Root of Marsh-*  
*mallows.*

Alūmen,  
*Alum.*

Ammoniācum,  
*Gum Ammoniac.*

Ammōniæ Mūrias,  
*Muriate of Ammonia.*

Amygdālæ amāræ,  
*Bitter Almonds.*

Amygdālæ dulces,  
*Sweet Almonds.*

Amŷlum,  
*Starch.*

Acidum sulphuricum.

Aconitum Napellus,  
*The Leaves.*

Sus Scrōfa,  
*The Lard.*

Subacētas Cupri impūra,

Allium sativum,  
*The Root.*

Alōē spicāta,  
*The Extract.*

Alōē vulgāris,  
*The Extract.*

SIBTHORP, *Flor. Græc.*  
Althæa officinālis,  
*Leaves and Root.*

Supersulphas Alumīnæ et  
Potassæ,  
Heraclēum Gummifē-  
rum,  
*The Gum Resin.*

WILDENOW, *Hort.*  
*Berol.*

Murias Ammōniæ,

}	{	Amygdālus communis,
		Var. γ.
		Var. β.
		<i>The Kernels.</i>
		Triticum hybernum,
		<i>Wheat Starch.</i>



Anēthi Semīna,  
*Dill Seeds.*  
 Anīsi Semīna,  
*Anise Seeds.*  
 Anthemīdis Flōres,  
*Flowers of Chamomile.*  
 Antimōnīi Sulphūrētum,  
*Sulphuret of Antimony.*  
 Argentum,  
*Silver.*  
 Armoraciæ Radix,  
*Root of Horseradish.*  
 Arsenīci Oxȳdum,  
*Oxide of Arsenic.*  
 Asāri Folia,  
*Leaves of Asarabacca.*  
 Assafoetīdæ Gummi-resīna,  
*Gum Resin of Assafoetida.*  
 Avēnæ Semīna,  
*Oats.*  
  
 Aurantīi Baccæ,  
*Seville Orange-berries.*  
 Aurantīi Cortex,  
*Orange Rind.*  
 Balsāmum Peruviānum,  
*Peruvian Balsam.*  
 Balsāmum Tolutānum,  
*Balsam of Tolu.*  
 Bellādonnæ Folia,  
*Leaves of the deadly Night-  
 shade.*  
 Benzōīnum,  
*Benzoin.*  
 Bistortæ Radix,  
*Bistort Root.*

Anēthum grāveōlens,  
*The Seeds.*  
 Pimpīnella Anīsum,  
*The Seeds.*  
 Anthēmis nobilis,  
*The single Flowers.*  
 Sulphūrētum Antimōnīi,  
  
 Argentum purificātum.  
  
 Cochleāriā Armoraciā,  
*The Root.*  
 Oxȳdum Arsenīci album.  
  
 Asārum Eurōpæum,  
*The Leaves.*  
 Ferūla Assafoetīda,  
*The Gum Resin.*  
 Avēna satīva,  
*The Seeds deprived  
 of their husks (vulg.  
 Grits).*  
 Citrus Aurantīum (His-  
 palense),  
*The Berries.*  
 The outer Rind of the  
 Berries.  
 Myroxylon Peruifērum,  
*The Balsam.*  
 Toluifēra Balsāmum,  
*The Balsam.*  
 Atrōpa Bellādonna,  
*The Leaves.*  
  
 Styrax Benzōin,  
*The Balsam.*  
 Polygōnum Bistorta,  
*The Root.*



Cajupūti Olĕum, <i>Cajuput Oil.</i>	Melāleuca Cajupūti, <i>The essential Oil.</i>
Calamīna, <i>Calamine.</i>	Carbōnas Zinci impūra.
Calāmi Radix, <i>Root of the Sweet Flag.</i>	Acōrus Calāmus, <i>The Root.</i>
Calumbæ Radix, <i>Calumba Root.</i>	<i>Plant not yet named.</i>
Cambōgia, <i>Gamboge.</i>	Stalagmītis Cambogiōi- des, <i>The Gum-Resin.</i>
Camphōra, <i>Camphor.</i>	Laurus Camphōra, <i>A peculiar concrete ob- tained by distillation.</i>
Canellæ Cortex. <i>Canella Bark.</i>	Canella alba, <i>The Bark.</i>
Capsīci Baccæ, <i>Berries of Capsicum, (vulg. Cayenne Pepper).</i>	Capsicum annūum, <i>The Berries.</i>
Carbo Ligni, <i>Charcoal, (fresh burnt).</i>	Carbo Ligni recens.
Cardāmīnes Flores, <i>Cuckoo-flower (or Ladies'- smock).</i>	Cardāmīne pratensis, <i>The Flowers.</i>
Cardāmōmi Semīna, <i>Seeds of Cardamom.</i>	Elettaria Cardamōmum, <i>The Seeds.</i>
Carīcæ Fructus, <i>Figs.</i>	Ficus Carīca, <i>The preserved fruit.</i>
Carūi Semīna, <i>Carraway Seeds.</i>	Carum Carūi, <i>The Seeds.</i>
Carŷōphilli, <i>Cloves.</i>	Eugēnia caryophillāta, <i>The Buds dried.</i>
Carŷophillōrum Olĕum. <i>Oil of Cloves.</i>	<i>Their essential Oil.</i>
Cascārillæ Cortex, <i>Cascarilla Bark.</i>	Crōton Cascārilla, <i>The Bark.</i>
Cassiæ Pulpa, <i>Cassia Pulp.</i>	Cassia Fistūla, <i>The Pulp of the Pods.</i>



Castorëum, <i>Castor, (Russian).</i>	Castor Fiber (Rossicus), <i>A peculiar Concrete.</i>
Catēchu Extractum, <i>Extract of Catechu.</i>	Acăcia Catēchu, <i>The Extract.</i>
Centaurei Cacūmina, <i>Tops of the Centaury.</i>	Chironia Centaurium, <i>The Tops.</i>
Cera alba, <i>White Wax.</i>	
Cera flava, <i>Yellow Wax.</i>	
Cerevisiæ Fermentum. <i>Yeast.</i>	
Cetăcēum, <i>Spermaceti.</i>	Physēter macrocephălus, <i>A peculiar kind of Concrete.</i>
Cinchōnæ cordifoliæ Cortex, <i>Bark of heart-leaved Cinchona (yellow Bark).</i>	Cinchōna cordifolia, <i>The Bark.</i>
Cinchōnæ lancifoliæ Cortex <i>Bark of lance-leaved Cinchona (pale or quilled Bark).</i>	Cinchōna lancifolia, <i>The Bark.</i>
Cinchōnæ oblongifoliæ Cortex, <i>Bark of oblong-leaved Cinchona (red Bark).</i>	Cinchona oblongifolia, <i>The Bark.</i>
Cinnāmōmi Cortex, <i>Bark of Cinnamon.</i>	Laurus Cinnamōmum, <i>The inner Bark.</i>
Cinnāmōmi Olēum, <i>Oil of Cinnamon.</i>	<i>Its essential Oil.</i>
Coccus, <i>Cochineal.</i>	Coccus Cacti.
Colchici Radix, <i>Root of meadow Saffron.</i>	Colchicum autumnăle, <i>The fresh root.</i>
Colocynthidis Pulpa, <i>Pulp of the bitter Apple.</i>	Cūcūmis Colōcynthis, <i>Pulp of the Fruit.</i>



Coni Folia,  
*Leaves of Hemlock.*  
 Contrajervæ Radix,  
*Root of Contrayerva.*  
 Copaiba,  
*Copaiva.*  
 Coriandri Semina,  
*Coriander Seeds.*  
 Cornu,  
*Horns (of the Stag).*  
 Crêta,  
*Chalk.*  
 Croci Stigmata,  
*Saffron.*  
  
 Cumini Semina,  
*Cumin Seeds.*  
 Cupri Sulphas.  
*Sulphate of Copper.*  
 Cuspăriæ Cortex,  
*Cusparia (vulg. Angustura)*  
*Bark.*  
 Cydoniæ Semina,  
*Quince Seeds.*  
 Dauci Radix,  
*Carrot Root.*  
  
 Dauci Semina,  
*Wild Carrot Seeds.*  
 Digitālis Folia,  
*Leaves of purple Foxglove.*  
 Dolichi Pubes,  
*Cowhage.*  
 Dulcāmāræ Caulis,  
*Stalk of Bittersweet, or*  
*woody Nightshade.*  
 Elaterii Poma,  
*Fruit of the wild Cucumber.*

Conium maculatum,  
*The Leaves.*  
 Dorstenia Contrajerva.  
*The Root.*  
 Copaifera officinalis,  
*The liquid Resin.*  
 Coriandrum sativum,  
*The Seeds.*  
 Cervus Elaphus,  
*The Horns.*  
 Carbone Calcis friabilis.  
  
 Crocus sativus (Angli-  
 cus),  
*The Stigmata.*  
 Cuminum Cuminum,  
*The Seeds.*  
 Sulphas Cupri.  
  
 Cusparia febrifuga.  
*The Bark.*  
  
 Pyrus Cydonia.  
*The Seeds.*  
 Daucus Carota (horten-  
 sis),  
*The Root.*  
 Daucus Carota (agrestis),  
*The Seeds.*  
 Digitālis purpurea,  
*The Leaves.*  
 Dolichos pruriens,  
*The hair of the Pods.*  
 Solanum Dulcamara,  
*The Stalk.*  
  
 Momordica Elaterium,  
*The fresh Fruit.*



Elëmi, <i>Elemi.</i>	Amÿris Elemifëra, <i>The Resin.</i>
Euphorbiæ Gummi-resina, <i>The Gum-Resin of Euphor-</i> <i>bium.</i>	Euphorbia officinārum, <i>The Gum-Resin.</i>
Farīna, <i>Flour.</i>	Triticum hybernum, <i>The Flour.</i>
Ferrum, <i>Iron.</i>	Ferri Ramenta et Fila, <i>Iron Filings and Wire.</i>
Filicis Radix, <i>Root of the male Fern.</i>	Aspidium Filix mas, <i>The Root.</i>
Fœniculi Semina, <i>Seeds of Fennel.</i>	Anëthum Fœniculum, <i>The Seeds.</i>
Fucus, <i>Sea-wrack, or bladder Fu-</i> <i>cus.</i>	Fucus vesiculōsus.
Galbāni Gummi-resina, <i>Gum-resin of Galbanum.</i>	Bubon Galbānum, <i>The Gum-resin.</i>
Galla, <i>Gall-nut.</i>	Cynips Quercūs folii, <i>The Nut.</i>
Gentiānæ Radix, <i>Root of Gentian.</i>	Gentiāna lutëa, <i>The Root.</i>
Glycyrrhizæ Radix, <i>Root of Liquorice.</i>	Glycyrrhiza glabra, <i>The Root.</i>
Granāti Cortex, <i>Bark of the Pomegranate.</i>	Punica Granātum, <i>The Bark of the Fruit.</i>
Guaiāci Resina et Lignum, <i>Resin and Wood of Guai-</i> <i>acum.</i>	Guaiācum officināle, <i>Resin and Wood.</i>
Hæmatoxyli Lignum, <i>Logwood.</i>	Hæmatoxylon Campech- iānum, <i>The Wood.</i>
Hellebōri fœtidi Folia, <i>Leaves of stinking Helle-</i> <i>bore.</i>	Hellebōrus fœtidus, <i>The Leaves.</i>
Hellebōri nigri Radix, <i>Black Hellebore Root.</i>	Hellebōrus niger, <i>The Root</i>



Hordēi Semīna,  
*Pearl Barley.*  
Hūmūli Strōbīli,  
*Hops.*

Hydrargyrum,  
*Quicksilver.*

Hyoscyāmi Folia et Semīna,  
*Leaves and Seeds of Henbane.*

Jalāpæ Radix,  
*Root of Jalap.*

Ipecacūanhæ Radix,  
*Root of Ipecacuanha.*

Junipēri Baccæ et Cacū-  
mīna,  
*Juniper Berries and Tops.*

Kīno,  
*Kino.*

Lapis calcārēus,  
*Lime Stone.*

Lavandŭlæ Flores,  
*Flowers of Lavender.*

Lauri Baccæ et Folia,  
*Berries and Leaves of the  
Bay tree.*

Līchen,  
*Iceland Moss.*

Limōnes,  
*Lemons.*

Limōnum Cortex,  
*Rind of Lemons.*

Limōnum Olĕum,  
*Oil of Lemons.*

Līnum cathartīcum,  
*Purging Flax.*

Līni usitatissīmi Semīna,  
*Common Linseed.*

Hordĕum distīchon,  
*The Seeds husked.*  
Hūmūlus Lŭpŭlus,  
*The dried Strobiles.*

Hyoscyāmus nīger,  
*Leaves and Seeds.*

Convolvŭlus Jalāpa,  
*The Root.*

Callicocca Ipecacūanha,  
*The Root.*

Junipĕrus commūnis,  
*Berries and Tops.*

*Extract of an African tree  
not yet described.*

Carbōnas Calcis dura,

Lavandŭla Spica,  
*The Flowers.*

Laurus nobilis,  
*Berries and Leaves.*

Lichen Islandicus.

Citrus medīca,  
*The Fruit.*

*Their exterior rind.*

*The essential oil of the  
outer rind.*

Linum cathartīcum.

Linum usitatissimum,  
*The Seeds.*



Lytta,  
*Blistering Fly (Cantharis.)*

Magnesiæ Sulphas,  
*Sulphate of Magnesia.*

Malva,  
*Common Mallow.*

Manna,  
*Manna.*

Marrubium,  
*White Horehound.*

Mastiche,  
*Mastich.*

Mel,  
*Honey.*

Mentha piperita,  
*Peppermint.*

Mentha viridis,  
*Spearmint.*

Menyanthes,  
*Buckbean.*

Mezerëi Cortex,  
*Bark of Mezereon.*

Mori Baccæ,  
*Mulberries.*

Moschus,  
*Musk.*

Myristicæ Nuclëi,  
*Nutmegs.*

Myrrha,  
*Myrrh.*

Olibanum,  
*Olibanum.*

Olivæ Olëum,  
*Oil of the Olive.*

Lytta vesicatōria.

Sulphas Magnesiæ puri-  
ficatæ.

Malva sylvestris.

Fraxinus Ornus,  
*The concrete Juice.*  
Marrubium vulgare.

Pistacia Lentiscus,  
*The Resin.*

Mentha piperita.

Mentha viridis.

Menyanthes trifoliata.

Daphne Mezereum,  
*The Bark of the Root.*

Morus nigra,  
*The Berries.*

Moschus moschiferus,  
*A peculiar concrete.*

Myristica moschata,  
*The Nuts and their ex-  
pressed Oil.*

*The Gum-resin of a tree  
not yet described.*

Juniperus Lycia,  
*The Gum-resin.*

Olëa Europœa,  
*Expressed Oil of the  
Fruit.*



Opium, <i>Opium.</i>	Păpăver somniferum, <i>The concrete Juice of the unripe Capsules (Turkey).</i>
Opopanăcis Gummi-resina, <i>Gum-resin of Opopanax.</i>	Pastinăca Opopanax, <i>The Gum-resin.</i>
Origănum, <i>Common Marjoram.</i>	Origănum vulgare.
Ovum, <i>An Egg.</i>	Phasiănus Gallus, <i>The Eggs.</i>
Papaveris Capsulæ, <i>Capsules of the white Poppy.</i>	Papaver somniferum, <i>The ripe Capsules.</i>
Petrölëum, <i>Petroleum.</i>	
Pimentæ Baccæ, <i>Pimenta Berries.</i>	Myrtus Pimenta, <i>The Berries.</i>
Pipëris longi Fructus, <i>Fruit of long Pepper.</i>	Piper longum, <i>The unripe Fruit dried</i>
Pipëris nigri Baccæ, <i>Black Pepper Berries.</i>	Piper nigrum, <i>The Berries.</i>
Pix arida, <i>Burgundy Pitch.</i>	Pinus Abies, <i>The prepared Resin.</i>
Pix liquida, <i>Tar.</i>	Pinus sylvestris, <i>The liquid prepared Resin.</i>
Plumbi Subcarbōnas, <i>Subcarbonate of Lead.</i>	Subcarbōnas Plumbi.
Plumbi Oxȳdum semivitrëum, <i>Semi-vitrified Oxide of Lead.</i>	
Porri Radix, <i>Root of the Leek.</i>	Allium Porrum, <i>The Root.</i>
Potassæ Nitrās, <i>Nitrate of Potass.</i>	Nitrās Potassæ purificāta.
Potassæ Supertartras, <i>Supertartrate of Potass.</i>	Supertartras Potassæ purificāta.



Potassa impūra, <i>Impure Potass.</i>	Subcarbōnas Potassæ im- pura.
Prūna, <i>Prunes.</i>	Prunus domestīca, <i>The dried fruit.</i>
Pterocarpi Lignum, <i>Red Saunders Wood.</i>	Pterocarpus santalīnus, <i>The Wood.</i>
Pulegĭum, <i>Pennyroyal.</i>	Mentha Pulegĭum.
Pyrēthri Radix, <i>Root of the Pellitory of</i> <i>Spain.</i>	Anthēmis Pyrēthrum, <i>The Root.</i>
Quassīæ Lignum, <i>Quassia Wood.</i>	Quassia excelsa, <i>The Wood.</i>
Quercūs Cortex, <i>Bark of the Oak.</i>	Quercus pedunculāta, <i>The Bark.</i>
Resīna flava, <i>Yellow Resin.</i>	Pinus sylvestris, <i>The residue left after the</i> <i>Oil of Turpentine has</i> <i>been distilled.</i>
Resīna nigra, <i>Black Resin.</i>	Pinus sylvestris, <i>The prepared solid Resin.</i>
Rhamni Baccæ, <i>Buckthorn Berries.</i>	Rhamnus cathartīcus, <i>The Berries.</i>
Rhēi Radix, <i>Root of Rhubarb.</i>	Rhēum palmātum, <i>The Root.</i>
Rhœādos Petāla, <i>Petals of the red Poppy.</i>	Pāpāver Rhœas. <i>The Petals.</i>
Ricīni Olĕum et Semīna, <i>Castor Oil and Seeds.</i>	Ricīnus commūnis, <i>The Seeds, and the Oil</i> <i>expressed from them.</i>
Rosæ canīnæ Pulpa, <i>Pulp of the Dog-rose.</i> <i>(The hip.)</i>	Rosa canīna. <i>The expressed Pulp of</i> <i>the Berries.</i>
Rosæ centifoliæ Petāla, <i>Petals of the Damask Rose.</i>	Rosa centifoliā, <i>The Petals.</i>
Rosæ Gallicæ Petāla, <i>Petals of the Red Rose.</i>	Rosa Gallica, <i>The Petals.</i>



Rosmārīni Cacūmīna, <i>Tops of Rosemary.</i>	Rosmarīnus officinālis, <i>The Tops.</i>
Rubiæ Radix, <i>Madder Root.</i>	Rubiā Tinctōrum, <i>The Root.</i>
Rutæ Folia, <i>Leaves of Rue.</i>	Ruta grāveōlens.
Sabīnæ Folia, <i>Leaves of Savine.</i>	Junipērus Sabīna. <i>The Leaves.</i>
Sacchārum, <i>Moist Sugar.</i>	} Sacchārum officināle, <i>Preparations from the ex- pressed Juice.</i>
Sacchārum purificātum, <i>Double Refined Sugar.</i>	
Sagāpēnum, <i>Sagapenum.</i>	<i>The gum-resin of a plant not yet described.</i>
Salicis Cortex, <i>Bark of the Willow.</i>	Salix Caprēa, <i>The Bark.</i>
Sambūci Flōres, <i>Flowers of Elder.</i>	Sambūcus nigra, <i>The Flowers.</i>
Sapo dūrus, <i>Hard Soap.</i>	<i>Soap made from Oil of Olives and Soda (Spa- nish).</i>
Sapo mollis, <i>Soft Soap.</i>	<i>Soap made from Oil and Potass.</i>
Sarsāpārillæ Radix, <i>Root of Sarsaparilla.</i>	Smīlax Sarsāpārilla, <i>The Root.</i>
Sassāfras Lignum et Radix, <i>Wood and Root of Sassa- fras.</i>	Laurus Sassāfras, <i>Wood and Root.</i>
Scammonēæ Gummi-resīna, <i>Gum-resin of Scammony.</i>	Convolvōlus Scammonēa <i>The Gum-resin.</i>
Scillæ Radix, <i>Root of the Squill.</i>	Scilla maritīma, <i>The Root.</i>
Senēgæ Radix, <i>Root of Senega.</i>	Polygāla Senēga, <i>The Root.</i>
( <i>Seneka or Rattlesnake Root</i> )	
Sennæ Folia, <i>Leaves of Senna.</i>	Cassīa Senna <i>The Leaves.</i>



Serpentariæ Radix,  
*Serpentary (or Virginian  
Snake Root).*

Sevum,  
*(Mutton) Suet.*  
Simārōubæ Cortex,  
*Simarouba Bark.*

Sināpis Semīna,  
*Mustard Seeds.*

Sodæ Murīas,  
*Muriate of Soda  
(Common Salt).*

Sodæ Sub-bōras,  
*Sub-borate of Soda  
(Borax).*

Sodæ Sulphas,  
*Sulphate of Soda.*

Soda impūra,  
*Impure Soda.*

Spartii Cacūmīna,  
*Broom Tops.*

Spigēliæ Radix,  
*Root of the Indian Pink.*

Spirītus rectificātus,  
*Rectified Spirit.*

*Its specific gravity is to that  
of Distilled Water as 835  
to 1,000.*

Spirītus tenuior,  
*Proof Spirit.*

*Its specific gravity is to that  
of Distilled Water as 930  
to 1,000.*

Spongīa,  
*Sponge.*

Stannum,  
*Tin.*

Aristolōchīa Serpentariā,  
*The Root.*

Ovis Arīes,  
*The Suet.*

Quassīa Simārōuba,  
*The Bark.*

Sināpis nigra,  
*The Seeds.*

Murīas Sodæ.

Sub-bōras Sodæ.

Sulphas Sodæ.

Subcarbōnas Sodæ im-  
pūra.

Spartium scopārium,  
*The Tops.*

Spigēlia Marilandīca,  
*The Root.*

Spongīa officinālis.

*Tin Filings.*



Staphisagrīæ Semīna,  
*Seeds of Stavesacre.*  
 Styrācis Balsāmum,  
*Balsam of Storax.*  
 Succinum,  
*Amber.*  
 Sulphur,  
*Sulphur.*  
 Sulphur sublimātum,  
*Sublimed Sulphur.*  
 Tabāci Folia,  
*Leaves of Tobacco.*  
  
 Tamārindi Pulpa,  
*The Pulp of the Tamarind.*  
 Taraxāci Radix,  
*Root of the Dandelion.*  
 Tartārum,  
*Tartar.*  
 Terebinthīna Canadensis,  
*Canadian Turpentine.*  
 Terebinthīna Chīa,  
*Cyprus Turpentine.*  
 Terebinthīna vulgāris,  
*Common Turpentine.*  
 Terebinthīnæ Olĕum,  
*Oil of Turpentine.*  
 Testæ,  
*(Oyster) Shells.*  
 Tormentillæ Radix,  
*Root of Tormentil.*  
 Toxicōdendri Folia,  
*Leaves of Sumach.*  
 Tragācantha,  
*Tragacanth.*  
 Tussilāgo,  
*Coltsfoot.*

DelphiniumStaphisagrīa,  
*The Seeds.*  
 Styrax officināle,  
*The Balsam.*

Nicotiāna Tabācum,  
*The dried Leaves*  
*(Virginian).*  
 Tamārindus Indīca,  
*The Pulp of the Pod.*  
 Leontōdon Taraxācum,  
*The Root.*  
 Potassæ Supertartras  
 impūra.  
 Pinus Balsamĕa,  
*The liquid Resin.*  
 Pistāciā Terebinthus,  
*The liquid Resin.*

} Pinus sylvestris,  
 } *The liquid Resin and the*  
 } *Oil distilled from it.*

Ostrĕa edūlis,  
*The Shell.*  
 Tormentilla officinālis,  
*The Root.*  
 Rhus Toxicōdendron,  
*The Leaves.*  
 Astrāgālus vĕrus.  
*The Gum.*  
 Tussilāgo Farfāra.



Valeriānæ Radix,  
*Root of Valerian.*

Verātri Radix,  
*Root of White Hellebore.*

Vīnum,  
*Wine.*

Ulmi Cortex,  
*Bark of the Elm.*

Uvæ passæ,  
*Raisins.*

Uvæ Ursi Folia,  
*Leaves of the Wortleberry.*

Zincum,  
*Zinc.*

Zingiberis Radix,  
*Ginger Root.*

Valeriāna officinālis,  
(sylvestris),  
*The Root.*

Verātrum album,  
*The Root.*

Vinum album Hispani-  
cum,  
*Sherry.*

Ulmus campestris,  
*The inner bark.*

Vitis vinifera,  
*The prepared Berries.*

Arbūtus Uva Ursi,  
*The Leaves.*

Zincum.

Zingiber officināle,  
*The Root.*



PRÆPARĀTA ET COMPOSITA.  
PREPARATIONS AND COMPOUNDS.

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ACĪDA.

ACIDS.

ACĪDUM ACETĪCUM.

ACETIC ACID.

℞ or Rēcipe take congiūm a gallon Acēti of  
*Vinegar* ;

Distillet Acĭdum acetĭcum *let the acetic Acid*  
*distil, balnēo in a bath ārēnæ of sand, ex from*  
*retortā vitrēā a glass retort in into vitrēum a glass*  
*receptācūlum receiver et and frigēfactum made*  
*cool ; tum then prĭmo the first octarĭo pint rejecto*  
*being rejected, serva keep sex the six octarĭos pints*  
*proximē next distillātos distilled.*

ACĪDUM BENZÖĪCUM.

BENZOIC ACID.

Rēcipe take libram a pound cum with semisse  
*half (a pound) Benzöĭni of Benzoin ; quatŭor four*  
*uncĭas ounces recentis of fresh Calcis Lime ;*  
*congiūm a gallon cum with semisse half*  
*(a gallon) Aquæ of Water ; quatŭor four fluidun-*  
*cĭas fluid ounces muriatĭci of muriatic Acĭdi*  
*Acid ;*



Tere rub Benzōinum the Benzoin cum with Calce the Lime; dein then coque boil per for dimīdīam half horam an hour in congīo in a gallon Aquæ of water, dum whilst movētur it is moved assidue constantly spathâ with a spatula, et and effunde pour off refrigerātum the cooled liquōrem liquor. Quod that which est is rēliquum left coque boil itērum again in quatūor in four octariis pints Aquæ of Water, et and effunde pour off liquōrem the liquor ut as antea before. Deinde then decoque boil down liquōres the liquors mistos mixed inter among se themselves [i. e. mixed together] ad to dimīdīum half; tum then cola strain per through chartam paper, et and instilla drop in gradātīm gradually muriaticum the muriatic Acidum Acid, donec until nihil nothing ampliūs more demittātur be precipitated. Denique lastly, liquōre the liquor effūso being poured off, exsicca dry pulvērē the powder leni with a gentle calōre heat, et and immitte put it in idōneum into a proper vas vessel positum placed super upon arēnam sand; tum then lento igne with a slow fire sublīma sublime Acidum benzōicum the benzoic Acid.

In the above process, the benzoic Acid being separated from the resinous part of the Benzoin by the Lime, a Benzoate of Lime is formed in solution: this becomes decomposed by the muriatic Acid, which having the greater affinity for the Lime combines with it, and a Muriate of Lime is held in solution, whilst the benzoic Acid is set free and precipitated in the form of a brown powder; which is afterwards bleached by the sublimation, and then it has a beautifully white and silky appearance.



## ACĪDUM CITRĪCUM

## CITRIC ACID.

*Recipe take octarium a pint Succī of the Juice Limōnum of Lemons; unciam an ounce præparatæ of prepared Cretæ Chalk, vel or quantum as much as sit may be satis sufficient ad to saturandum saturate succum the juice; novem nine fluiduncias fluid ounces dilūti of diluted Acīdi sulphurici sulphuric Acid;*

*Adjice add Cretam the chalk paulatim gradually Succo to the juice Limōnum of Lemons fervefacto made hot et and misce mix; tum then effunde pour off liquōrem the liquor. Ablue wash Citratem the Citrate Calcis of Lime, quæ which remānet remains, tepidâ with tepid aquâ water sæpius often renovatâ renewed; dein then sicca dry. Tum then superinfunde pour dilūtum the diluted sulphuricum sulphuric Acīdum Acid siccato to the dried pulvĕri powder, et and coque boil per for sextam the sixth partem part horæ of an hour, exprime press fortiter strongly per through lintĕum linen, et and cōla strain per through chartam paper. Consūme evaporate liquōrem the liquor qui which transiĕrit shall have passed over leni with a gentle calōre heat, adeò so ut that, dum whilst frigescit it cools, crystalli crystals fiant may be made. Ligua dissolve crystallos the crystals itĕrum again et and tertio thirdly (i. e. thrice) in aquâ in water, ut that sint they may be puræ pure, que and cōla strain eam it (i. e. the solution) toties as often (i. e. thrice); decoque boil down et and sepōne set aside,*



An insoluble *Citrate of Lime* is first formed by the union of the citric Acid contained in the lemon juice, with the Lime of the Chalk, while the carbonic Acid of the Chalk is given off as Gas. The sulphuric Acid next, from its greater affinity for the Lime, unites with it, and a precipitate of *Sulphate of Lime* is formed, whilst the citric Acid is set free and held in solution. It then crystallizes in the form of rhomboidal prisms.

## ACĪDUM MURIATICUM.

*MURIATIC ACID.*

Rēcipe take duas two libras pounds exsiccātæ of dried Muriātis Muriate Sodæ of Soda ; viginti twenty uncias ounces (pondēre by weight) sulphurici of sulphuric Acīdi Acid ; octarium a pint cum with semisse half (a pint) distillātæ of distilled Aquæ Water ;

Prius first misce mix Acīdum the Acid cum with dimīdio half octario a pint Aquæ of Water in vitrēa in a glass retortâ retort, et and his to these, ubi when refrixerint they shall have cooled, adjice add Muriātem the Muriate Sodæ of Soda. Infunde pour quod that which est is rēliquum left Aquæ of the Water in rēceptāculum into a receiver ; tum then, retortâ the retort aptātâ being fitted, transēat let pass over muriaticum the muriatic Acīdum Acid ex from balnēo a bath arēnæ of sand in hanc into this aquam water, calōre the heat aucto being increased gradātīm gradually, donec until retorta the retort rubescat grows red.

Specificum the specific pondus gravity muriatīci of muriatic Acīdi Acid est is ad to specificum the specific pondus gravity distillātæ of distilled Aquæ



*water, ut as 1.160 ad to 1.000—[mille one thousand centum one hundred et and sexaginta sixty (partes parts sunt are) ad to mille one thousand.]*

*Si if in into fluidunciam a fluid ounce ejus of this, dilutam diluted Aquâ with Water, frustulum a piece Lapidis calcarei of lime Stone injiciatur be thrown, ducenta two hundred et and vīginti twenty grāna grains debent ought liquari to be dissolved.*

The Muriate of Soda becomes decomposed by the greater affinity of the sulphuric Acid for the Soda: the muriatic Acid being thus disengaged, passes over into the receiver, and is condensed by the water, leaving a *Supersulphate of Soda* in the retort.

But Mr. Anthony Todd Thomson, in his *London Dispensatory*, says, “ *If we admit the doctrine of Chlorine, we must adopt the following explanation of Sir H. Davy, who regards dry common Salt as a compound of Chlorine and Sodium, and consequently containing neither muriatic Acid nor Soda. In the processes of the Pharmacopœias, therefore, for obtaining muriatic Acid, the water of the sulphuric Acid is decomposed, its Oxygen unites to the Sodium, and forms Soda, which combining with the sulphuric Acid produces a Sulphate of Soda; while the Hydrogen of the decomposed water combines with the Chlorine, and forms muriatic Acid Gas, which, dissolving in the water contained in the receiver, constitutes the liquid acid. The residue of the process is Sulphate of Soda, with an excess of acid.*”

## ACĪDUM NITRĪCUM.

### NITRIC ACID.

*Recipe take exsiccatae of dried Nitratis Nitrate Potassæ of Potass; (and) sulphurici of sulphuric*



Acīdi *Acid*, singulōrum *of each* duas *two* lībras *pounds* (pondēre *by weight*) ;

Misce *mix* in vitrēâ *in a glass* retortâ *retort* ;  
tum *then* distillet Acīdum nitrīcum *let the nitric Acid distil* balnēo *in a bath* arēnæ *of sand*, donec *until* ruber *a red* vapor *vapour* prōdēat *be produced*. Dein *then*, adjectâ *having cast* insūper *thereon* uncīâ *an ounce* exsiccātæ *of dried* Nitrātis *Nitrate* Potassæ *of Potass*, Acīdum distillet *let the Acid distil* itērum *again* eōdem *in the same* mōdo *manner*.

Specificum *the specific* pondus *gravity* nitrīci *of nitric* Acīdi *Acid* est *is* ad *to* specificum *the specific* pondus *weight* distillātæ *of distilled* Aquæ *water* ut *as* 1.500 *ad to* 1.000 — [mille *one* thousand, quingentæ *five* hundred (partes *parts* sunt *are*) ad *to* mille *one* thousand (partes *parts*).]

Si *if* in fluiduncīam *into a fluid ounce* ejus *of this* dilūtā *diluted* Aquâ *with Water*, frustūlum *a piece* Lapīdis calcārei *of lime Stone* immittātur *be thrown*, uncīa *an ounce* debet *ought* liquāri *to be dissolved*.

The sulphuric Acid uniting with the Potass, forms a *Supersulphate of Potass*, and the nitric Acid being thus set at liberty, is brought over by distillation.

#### ACĪDUM NITRĪCUM DILŪTUM.

##### DILUTED NITRIC ACID.

Recipe *take* fluiduncīam *a fluid ounce* nitrīci *of nitric* Acīdi *Acid* ; novem *nine* fluiduncīas *fluid ounces* distillātæ *of distilled* Aquæ *Water* ;

Misce *mix*.



## ACĪDUM SULPHURĪCUM DILŪTUM.

*DILUTED SULPHURIC ACID.*

Recipe take fluidunciam a fluid ounce cum with semisse half (an oz.) sulphurici of sulphuric Acidi Acid; quātuordēcim fourteen fluiduncias fluid ounces cum with semisse half (an oz.) distillatæ of distilled Aquæ Water;

Adjice add Acidum the Acid Aquæ to the Water paulatim by little and little; tum then misce mix.

Sulphuric Acid having a very great affinity for water, so considerable an increase of temperature is produced during their combination, that if care be not taken, the mixture will crack the vessel in which it is made. The acid must be added to the water by a little at a time.

## ALKĀLIA ET EŌRUM SALES.

*ALKALIES AND THEIR SALTS.*

## AMMŌNIÆ SUBCARBŌNAS\*

*SUBCARBONATE OF AMMONIA.*

Recipe take libram a pound Muriātis of the Muriate Ammōniæ of Ammonia; libram a pound

\* Observe, the Alkaline Salts are not, properly speaking, *neutral*; therefore, when the Alkali is in excess, the syllable *sub* is added; but when *super* is prefixed to the quality of a Salt, the Acid predominates.



*cum with semisse half (a pound) preparātæ of prepared Crētæ Chalk exsiccātæ dried ;*

*Tere rub (them) in pulvĕrem into a powder separātīm separately ; tum then misce mix, et and sublīma sublime, calōre the heat aucto being increased paulātīm gradually, donec until retorta the retort rubescat grows red.*

A double decomposition here takes place. The Lime in the Chalk, after a considerable degree of heat has been applied, combines with the muriatic Acid of the Muriate of Ammonia, forming *Muriate of Lime*, and the Ammonia unites with the carbonic Acid of the Lime, and is sublimed, forming a *Subcarbonate*.

#### LIQUOR AMMŌNIÆ.

#### LIQUOR OF AMMONIA.

*Recipe take octo eight uncias ounces Muriātis of the Muriate Ammōniæ of Ammonia ; sex six uncias ounces recentis of fresh Calcis Lime ; quatuor four octarios pints Aquæ of Water ;*

*Superinfunde pour octarium a pint Aquæ of the Water Calci to the Lime ; tum then contēge cover vas the vessel, et and sepōne set aside per for hōram an hour ; dein then adjice add Muriātem the Muriate Ammōniæ of Ammonia et and reliquam the remaining Aquam Water prius first fervefactam made hot, et and contēge cover vas the vessel itĕrum again ; cola strain liquōrem the liquor postquam after refrixĕrit it shall have cooled ; tum then distillent let there distil duodĕcim twelve fluidunciæ fluid ounces Liquōris of the Liquor Ammōniæ of Ammonia.*



Specificum *the specific* pondus gravity Liquōris of the Liquor Ammōniæ of Ammonia est is ad to pondus *the weight* distillatæ of distilled Aquæ Water ut as 0.960 ad to 1.000 — [nongentæ nine hundred et sexaginta and sixty (partes parts sunt are) ad to mille one thousand partes parts].

The Lime, having the greater affinity for the muriatic Acid contained in the Muriate of Ammonia, attracts it, forming a *Muriate of Lime*, whilst the Ammonia uniting with the water is held in solution.

#### LIQUOR AMMŌNIÆ ACETĀTIS.

##### LIQUOR OF ACETATE OF AMMONIA.

Recipe take duas two uncias ounces Subcarbonātis of the Subcarbonate Ammōniæ of Ammonia; quatūor four octarios pints acetici of acetic Acidi Acid;

Adjice add Acidum the Acid Subcarbonāti to the Subcarbonate Ammōniæ of Ammonia, donec until bullulæ bubbles excitentur are excited non no amplius longer, et and misce mix.

The acetic Acid of the Vinegar, uniting with the Ammonia, forms an *Acetate of Ammonia* dissolved in water. Effervescence takes place during the process, occasioned by the escape of carbonic Acid Gas.

#### LIQUOR AMMŌNIÆ SUBCARBONĀTIS.

##### LIQUOR OF SUBCARBONATE OF AMMONIA.

Recipe take quatūor four uncias ounces Subcarbonātis of the Subcarbonate Ammōniæ of Ammonia; octarium a pint distillatæ of distilled Aquæ Water;



*Liqua dissolve Subcarbonātem the Subcarbonate Ammōniæ of Ammonia in Aquâ in the Water, et and cōla strain per through chartam paper.*

Merely a solution of the Salt in the water.

### LIQUOR POTASSÆ.

### LIQUOR OF POTASS.

*Recipe take lībram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass; dimīdīam half lībram a pound recentis Calcis of fresh Lime; congĭum a gallon ferventis of boiling distillātæ distilled Aquæ Water;*

*Liqua dissolve Potassam the Potass in duōbus in two octariīs pints Aquæ of the Water. Adjice add quod that which est is rēliqum left Aquæ of the Water Calci to the Lime. Misce mix calentes the heated liquōres liquors inter among se themselves [i. e. together]; tum then sepōne set aside in clauso in a covered vase vessel, et and, postquam after reſixērint they shall have cooled, cōla strain per through goſſipĭnum cotton pannum cloth.*

*Si if quodlibet any dilūtum diluted Acidum Acid instillātum dropped in excitet excite bullūlas bubbles, oportēbit it will be necessary adjicere to add plus more Calcis of the Lime, et and colāre to filter itērum again.*

*Octarius a pint hujus Liquōris of this Liquor debet ought pendere to weigh sedēcim sixteen uncias ounces.*

The Lime deprives the Subcarbonate of Potass of its carbonic Acid, leaving the Potass in solution. If



not carefully preserved, it will very rapidly attract carbonic Acid from the atmosphere. Cotton cloth is used for a filter because it is not acted upon by the Potass.

### LIQUOR POTASSÆ SUBCARBONĀTIS.

#### LIQUOR OF THE SUBCARBONATE OF POTASS.

Recipe take *libram a pound* Subcarbonātis of the Subcarbonate Potassæ of Potass; *duodēcim twelve fluiduncias fluid ounces* distillātæ of distilled Aquæ Water;

Liqua dissolve Subcarbonātem the Subcarbonate Potassæ of Potass in Aquâ in the Water, et and cōla strain per through chartam paper.

Merely a solution of the Alkali.

### POTASSA CUM CALCE.

#### POTASS WITH LIME.

Recipe take *tres three octarios pints* Liquōris of the Liquor Potassæ of Potass; *libram a pound* recentis of fresh Calcis Lime;

Decoque boil down Liquōrem the Liquor Potassæ of Potass ad to octarium a pint; dein then adjice add Calcem the Lime, resolūtā slaked Aquâ by Water affūsā being poured thereon, et and diligenter diligently misce mix.

The Potass and Lime are here mechanically mixed; and the former is rendered less deliquescent by its union with the latter, and thereby becomes more manageable as an escharotic.



## POTASSA FUSA.

*FUSED POTASS.*

Recipe take congiūm a gallon Liquōris of the  
Liquor Potassæ of Potass ;

Consūme evaporate Aquam the Water in nītido in  
a clean ferrēo iron vase vessel ad ignem upon the  
fire, donec until, ebullitiōne the ebullition finītâ  
being finished, Potassa the Potass liquefiat becomes  
melted : effunde pour hanc this super upon fer-  
rēam an iron lamīnam plate in into idonēas conve-  
nient formas shapes.

## POTASSÆ ACĒTAS.

*ACETATE OF POTASS.*

Recipe take libram a pound Subcarbonātis of the  
Subcarbonate Potassæ of Potass cum with se-  
misse half (a pound) ; congiūm a gallon acetici  
of acetic Acīdi Acid ;

Misce mix simul together in capāci in a capacious  
vitrēo glass vāse vessel, et and, dimīdiâ the half  
parte part consumptâ being evaporated ad ignem  
over the fire, instilla drop insūper thereon paulā-  
tim gradually quod what sit may be satis enough  
acetici of the acetic Acīdi Acid ad plēnam for a  
complete saturatiōnem saturation. Liquor va-  
pōret let the Liquor evaporate itērum again ad  
to dimidium half, et and colētur let it be strained ;  
tum then consumātur let it be evaporated aquō-  
so balnēo in a water bath, sic so ut that, remōtus



*being removed ab from igne the fire, abēat it may be transformed in into crystallos crystals.*

The acetic Acid, attracted by the Potass, forms *Acetate of Potass* in a state of solution: effervescence takes place occasioned by the giving off of the carbonic Acid. But Dr. Powell says, "*The crystallization depends upon the liquefaction of the dry Salt by heat, and the assumption of a regular form as it cools, rather than on separation from its solution in water.*"

### POTASSÆ CARBŌNAS.

#### CARBONATE OF POTASS.

*Recipe take libram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass ex from Tartāro Tartar; tres three uncias ounces Subcarbonātis of the Subcarbonate Ammōniæ of Ammonia; octarium a pint distillatæ of distilled Aquæ Water;*

*Adjice add Subcarbonātem the Subcarbonate Ammōniæ of Ammonia Potassæ to the Potass liquātæ dissolved in Aquâ in the Water; tum then balneo in a bath arēnæ of sand adhibe apply 180<sup>m</sup> [centesimum the hundred et and octogesimum eightieth] gradum degree calōris of heat per for tres three horas hours, vel or donec until Ammōnia the Ammonia fuërit shall be expulsa expelled; denique lastly, sepōne set aside ut that crystalli crystals fiant may be made. Simili in the like modo manner reliquus liquor consumātur let the remaining liquor be evaporated, ut that, ubi when seposuëris you shall have set aside crystalli crystals prodēant may form itërum again.*



The Potass is here saturated by the carbonic Acid contained in the Subcarbonate of Ammonia, it having the greater affinity for that Acid ; the Ammonia consequently being set at liberty is driven off by the heat used in the process.

Crystals. White, quadrangular prisms.

## POTASSÆ SUBCARBŌNAS.

### THE SUBCARBONATE OF POTASS.

Recipe take tres three libras pounds contrītæ of powdered impūræ impure Potassæ Potass ; tres three octariōs pints ferventis of boiling Aquæ Water cum with semisse half (a pint) ;

Liqua dissolve Potassam the Potass in Aquâ in the Water, et and cola strain ; tum then effunde pour off in into nitīdum a clean ferrēum iron vessel, et and consūme evaporate Aquam the Water lento by a slow igne fire, ut that liquor the liquor spissescat may thicken ; dein then, igne the fire subducto being removed, move stir assiduè constantly ferrēâ with an iron spathâ spatula, donec until Sal the Salt abeat forms in parvūla in small grāna grains.

Purior a more pure Subcarbōnas Subcarbonate Potassæ of Potass potest may præparāri be prepared eodem in the same modo manner ex from Tartāro Tartar, quod which fuërit shall have been priùs first ustum burnt, donec until sit it be cinërei of an ashy colōris colour.

Merely Subcarbonate of Potass separated in some measure from its impurities and evaporated.



## POTASSÆ SULPHAS.

## SULPHATE OF POTASS.

Recipe take salis of the salt qui which restat remains post after distillationem the distillation nitrici of nitric Acidi Acid duas two libras pounds; ferventis of boiling Aquæ Water duos two congios gallons;

Misce mix, ut that Sal the Salt liquetur may be dissolved; tum then adjice add Subcarbonatis of the Subcarbonate Potassæ of Potass quod that which sit may be satis sufficient ad to saturandum saturate Acidum the Acid. Dein then coque boil donec until pellicula a pellicle supernatet swims upon (the top,) et and, ubi when colaveris you shall have strained, sepone set aside, ut that crystalli crystals fiant may be made. Effusa having poured off aqua the water, exsicca dry has these super upon bibulam bibulous chartam paper.

The Potass here neutralizes the excess of sulphuric Acid, which remains in the Salt after the distillation of nitric Acid (see Nitric Acid), changing the Salt from a supersulphate to a sulphate of Potass. During the process the carbonic Acid is given off.

Crystals. Small six-sided prisms, terminated by six-sided pyramids.

## POTASSÆ SUPERSULPHAS.\*

## SUPERSULPHATE OF POTASS.

Recipe take Salis of the Salt qui which restat remains post after distillationem the distillation nitrici of nitric Acidi Acid duas two libras

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\* See Note, p. 26.



*pounds ; ferventis of boiling Aquæ Water quatŭor four octarios pints ;*

Misce mix, ut that Sal the Salt liquētur may be dissolved, et and cōla strain. Dein then coque boil ad to dimidiŭm half, et and sepone set aside, ut that crystalli crystals fiant may be made. Exsicca dry has these super upon bibŭlam bibulous chartam paper, aquâ the water effūsâ being poured off.

After reading the note on Potassæ Sulphas, the meaning of this last preparation is self-evident.

Crystals. Long, slender, hexangular prisms.

### POTASSÆ TĀRTRAS.

#### TARTRATE OF POTASS.

Recipe take sedĕcim sixteen uncias ounces Subcarbonātis of the Subcarbonate Potassæ of Potass ; tres three lībras pounds Supertartrātis of the Supertartrate Potassæ of Potass ; congĭum a gallon ferventis of boiling Aquæ Water ;

Liqua dissolve Subcarbonātem the Subcarbonate Potassæ of Potass in Aquâ in the Water ; tum then adjice add Supertartrātem the Supertartrate Potassæ of Potass tritam rubbed in into pulvĕrem a powder, donec until bullŭlæ bubbles non no ampliŭs longer excitentur are excited. Cola strain liquōrem the liquor per through chartam paper ; dein then coque boil donec until pellicŭla a pellicle supernātet swims upon (the top), et and sepōne set aside, ut that crystalli crystals fiant may be formed. Exsicca dry has these super upon bibŭlam bibulous chartam papeer Aquâ the Water effūsâ having been poured off.



The Potass, having less affinity for carbonic than for tartaric Acid, quits the former and is taken up by the superabundant Acid of the Supertartrate of Potass, whilst the carbonic Acid escapes, occasioning effervescence to take place.

Crystals.—Four-sided prisms. It is met with in shops in form of a white granular powder, which is obtained by evaporating to dryness, frequently stirring.

### SODA TARTARIZĀTA.

Recīpe take vīginti twenty uncias ounces Subcarbonātis of the Subcarbonate Sodæ of Soda ; duas two libras pounds contrītæ of powdered Supertartrātis Supertartrate Potassæ of Potass ; decem ten octarios pints ferventis of boiling Aquæ Water ;

Liqua dissolve Subcarbonātem the Subcarbonate Sodæ of Soda in Aquâ, in the Water, et and adjice add paulātim by degrees Supertartrātem the Supertartrate Potassæ of Potass. Cōla strain liquōrem the liquor per through chartam paper ; tum then coque boil donec until pellicūla a pellicle supernātet swims, et and sepōne set aside ut that crystalli crystals fiant may be formed. Exsicca dry has these super upon bībūlam bibulous chartam paper, aquâ the water effusâ having been poured off.

The excess of Acid in the Supertartrate of Potass is here saturated by the Soda of the Subcarbonate, whilst the carbonic Acid is given off as Gas ; and a *triple Salt*, containing *Potass*, *Soda*, and *Tartaric Acid*, is the result of the evaporation.

Crystals. Eight or ten-sided prisms, with ends truncated at right angles.



## SODÆ CARBŌNAS.

Recīpe take libram a pound Subcarbonātis of the Subcarbonate Sodæ of Soda ; tres three uncias ounces Subcarbonātis of the Subcarbonate Ammonīæ of Ammonia ; octariūm a pint distillātæ of distilled Aquæ Water ;

Adjice add Ammonīam the Ammonia Subcarbonāti to the Subcarbonate Sodæ of Soda liquātæ dissolved in Aquâ in the Water ; tum then balnĕo in a bath arĕnæ of sand adhibe apply 180m. [centesimum the hundred et and octogesimum eightieth gradum degree] calōris of heat per for tres three horas hours, vel or donec until Ammonīa the Ammonia expulsa fuĕrit shall be expelled. Denique lastly, sepōne set aside ut that crystalli crystals fiant may be formed. Simili in a similar modo manner rĕliquus the remaining liquor liquor consumātur may be evaporated, et and seponātur set aside, ut that crystalli crystals prodĕant may form itĕrum again.

Compare the above process with that of “ Potassæ Carb.” which is exactly similar.

Crystals. Large transparent octohedrons.

## SODÆ SUBCARBŌNAS.

## SUBCARBONATE OF SODA.

Recīpe take libram a pound impūræ of impure Sodæ Soda trītæ rubbed in into pulvĕrem a powder ; quātūor four octarios pints ferventis of boiling distillātæ distilled Aquæ Water ;

Coque boil Sodam the Soda in Aquâ in the Water per for dimīdiā half horam an hour, et and cōla



*strain. Hæc vāporet let this evaporate ad to duos two octarios pints, et and seponātur be set aside, ut that crystalli crystals fiant may be formed ; rejice reject superstitem the remaining liquōrem liquor.*

### SODÆ SUBCARBŌNAS EXSICCĀTA.

#### *DRIED SUBCARBONATE OF SODA.*

*Recipe take libram a pound Subcarbonātis of the Subcarbonate Sodæ of Soda ;*

*Adhibe apply ferventem a boiling calōrem heat Subcarbonāti to the Subcarbonate Sodæ of Soda, in nītido in a clean ferrēo iron vāse vessel, donec until exsiccētur it be dried pēnitus thoroughly ; que and move stir eam it assiduē carefully simul together ferrēâ with an iron spathâ spatula. Denique lastly, tere rub in into pulvĕrem a powder.*

*Heat deprives the Alkali of its water of crystallization.*

### SODÆ SULPHAS.

#### *SULPHATE OF SODA.*

*Recipe take duas two libras pounds Salis of the Salt qui which restat remains post after distillationem the distillation muriatici of muriatic Acīdi Acid ; duos two octarios pints cum with semisse half (a pint,) ferventis of boiling Aquæ Water ;*

*Liqua dissolve Salem the Salt in Aquâ in the Water ; tum then adjice add paulātim gradually Subcarbonātis of the Subcarbonate Sodæ of Soda quod that which sit may be satis sufficient ad to saturandum saturate Acīdum the Acid. Decōque*



*boil down donec until pellicūla a pellicle appāreat appears, et and, ubi when colavēris you shall have strained, sepōne set aside, ut that crystalli crystals fiant may be formed. Exsicca dry has these super upon bibūlam bibulous chartam paper, aquâ effūsâ the water being poured off.*

The Salt left after the distillation of muriatic Acid is a *Supersulphate of Soda*; and in the above process, the excess of Acid is neutralized by the Soda of the Subcarbonate. (See "Acid. muriatic." and "Potassæ Sulph.")

Crystals. Six sided prisms, terminated by two sided pyramids, channelled on their sides.

## TERRÆ, ET EĀRUM SĀLES. EARTHS, AND THEIR SALTS.

### ALŪMEN EXSICCĀTUM.

#### DRIED ALUM.

*Alūmen liquescat let the Alum dissolve in in fictili an earthen vāse vessel ad ignem over the fire; tum then ignis augeātur let the fire be increased donec until ebullitio the ebullition cessavērit shall have ceased.*

The Alum is deprived of its water of crystallization by the heat.

### CALCIS MŪRIAS.

#### MURIATE OF LIME.

*Recīpe take duas two libras pounds Salis of the Salt qui which restat remains post after distil-*



latiōnem *the distillation* Subcarbonātis *of the*  
 Subcarbonate Ammonīæ *of Ammonia* ; octariūm  
*a pint* Aquæ *of Water* ;

Misce *mix* et *and* cola *strain* per *through*  
 chartam *paper* ; liquor vāporet *let the liquor*  
*evaporate* donec *until* Sal *the Salt* exsiccētur *be*  
*dried*. Serva *keep* hunc *this* in vāse *in a vessel*  
 accurātè *accurately* obturāto *stopped*.

### CALX.

#### LIME.

Recīpe *take* libram *a pound* calcārei *of calcareous*  
 Lapidis *stone* [*Limestone*] ;

Contunde *bruise* in frustūla *in pieces* et *and*  
 ure *burn* per *for* horam *an hour* in crucibūlo *in a*  
*crucible* acerrīmo *with a very hot* igne *fire*, vel *or*  
 donec *until* Acīdum carbonicum *the carbonic Acid*  
 fuērit *shall be* pēnitus *thoroughly* expulsum *ex-*  
*pelled*, adēò *so ut that* Acīdum aceticum *acetic*  
*Acid* adjectum *being added* excitet *would excite*  
 nullas *no* bullūlas *bubbles*. Eōdem *in the same*  
 modo *manner* Calx *Lime* fit *is made* è *from* Testis  
*Shells*, postquam *after* fuērint *they have been* lotæ  
*washed* aquâ *fervente* *with boiling water*, et *and*  
 purgātæ *cleansed* sordibus *from impurities*.

The heat employed drives off the carbonic Acid.

### CRETA PRÆPARĀTA.

#### PREPARED CHALK.

Recīpe *take* libram *a pound* Cretæ *of Chalk* ;

Adjice *add* paulūlum *a little* Aquæ *Water* Cretæ  
*to the Chalk*, et *and* tere *rub* ut *that* fiat *it may*



*become subtilis a subtle pulvis powder. Conjice cast hunc this in into amplum a large vas vessel plenum filled Aquâ with Water ; tum then agita shake (it), et and, brevî a short morâ delay interpositâ having interposed, trans mitte transmit (or pour) supernatantem the supernatant aquam water adhuc as yet turbidam turbid in into aliud another vas vessel, et and sepone set aside, ut that pulvis the powder subsīdat may subside. Denique lastly, exsicca dry pulvĕrem the powder, aquâ the water effūsâ being poured off.*

### LIQUOR ALŪMĪNIS COMPOSITUS.

#### COMPOUND LIQUOR OF ALUM.

*Recipe take Alūmĭnis of Alum ; Sulphātis of the Sulphate Zinci of Zinc, singulōrum of each dimīdiam half unciam an ounce ; ferventis of boiling Aquæ Water duos two octarĭos pints ;*

*Liqua dissolve Alūmen the Alum et and Sulphātem the Sulphate Zinci of Zinc simul together in Aquâ in the Water ; dein then cōla strain per through chartam paper.*

*Alum and Sulphate of Zinc in solution.*

### LIQUOR CALCIS.

#### LIQUOR OF LIME.

*Recipe take sēlibram half a pound Calcis of Lime ; duōdēcim twelve octarĭos pints ferventis of boiling distillātæ distilled Aquæ Water ;*

*Affunde pour Aquam the Water Calci to the Lime et and agita shake simul together ; tum then*



*protinus immediately contēge cover vas the vessel, et and sepōne set aside per for tres three horas hours ; dein then serva keep liquōrem the liquor cum with superstite the remaining Calce Lime in vitrēis in glass vāsis vessels obturātis stopped, et and ubi when est it is utendum to be used, sūme take ex from limpido the clear liquōre liquor.*

If Lime Water be exposed to the air, it absorbs carbonic Acid, and a pellicle forms on the top, which is *Carbonate of Lime*. The water is directed above to stand upon the Lime, that it may be saturated as fast as this *Carbonate* forms.

### LIQUOR CALCIS MURIĀTIS.

#### LIQUOR OF MURIATE OF LIME.

*Recipe take duas two uncias ounces Muriātis of the Muriate Calcis of Lime ; tres three fluid-uncias fluid ounces distillatæ of distilled Aquæ Water.*

*Liqua dissolve Muriātem the Muriate Calcis of Lime in Aquâ in the Water, tum then cōla strain per through chartam paper.*

### MAGNESĪA.

#### MAGNESIA.

*Recipe take quātūor four uncias ounces Carbonātis of the Carbonate Magnesīæ of Magnesia ;*

*Ure burn per for duas two horas hours acerrimo with a very fierce igne fire, vel or donec until*



Acidum aceticum *acetic Acid* instillātum dropped in excitet excites nullas no bullūlas bubbles.

The carbonic Acid of the Carbonate is driven off by heat, leaving *pure Magnesia*; the quantity employed being thereby deprived of nearly half its weight.

## MAGNESIÆ CARBŌNAS.

### CARBONATE OF MAGNESIA.

Recīpe take libram a pound Sulphātis of the Sulphate Magnesiæ of Magnesia; novem nine uncias ounces Subcarbonātis of the Subcarbonate Potassæ of Potass; tres three congios gallons Aquæ of Water.

Liqua dissolve Subcarbonātem the Subcarbonate Potassæ of Potass in tribus in three octariis pints Aquæ of Water, Sulphātem the Sulphate Magnesiæ of Magnesia in quinque in five octariis pints Aquæ of Water separātim separately, et and cola strain: dein then adjice add rēliquam the remaining Aquam Water liquōri to the solution Sulphātis of the Sulphate Magnesiæ of Magnesia et and coque boil, que and admisce mix ei to it, dum whilst ebullit it is boiling priōrem the former liquōrem liquor, movens stirring assidue constantly spathā with a spatula; tum then cola strain per through lintēum cloth: denique lastly, ablue wash pulvĕrem the powder sæpius often, Aquâ Water affūsâ being poured thereon fervente boiling, et and exsicca dry calōre at a heat ducentesimi of the two hundredth gradūs



*degree super upon bibŭlam bibulous chartam paper.*

The two Acids, viz. the sulphuric Acid of the Sulphate, and the carbonic Acid of the Subcarbonate, change places with each other; the sulphuric Acid combining with the Potass, and the carbonic Acid with the Magnesia, the latter forming an insoluble *Carbonate of Magnesia*: and thus a double decomposition takes place.

## METALLA, ET EÖRUM SALES.

### *METALS, AND THEIR SALTS.*

#### PRÆPARĀTA EX ANTIMÖNIO.

#### *PREPARATIONS FROM ANTIMONY.*

#### ANTIMONĬI OXŸDUM.

#### *OXIDE OF ANTIMONY.*

*Recipe take unciām an ounce tartarizāti of tartarized Antimonĭi Antimony; duas two drachmas drams Subcarbonātis of the Subcarbonate Ammonĭæ of Ammonia; quantum as much as sit may be satis sufficient distillātæ of distilled Aquæ Water;*

*Liqua dissolve Sales the Salts separātim separately in Aquâ in the Water; dein then misce*



*mix liquōres the liquors, et and coque boil donec until Oxŷdum the Oxide Antimonii of Antimony demittātur is thrown down. Ablūe wash hoc this Aquā with Water affūsā poured thereon, et and exsicca dry.*

The Tartrate of Antimony is here decomposed by the Ammonia, which unites with its tartaric Acid and precipitates its Oxide. The Oxide of Antimony, thus precipitated, leaves its tartaric Acid and Potass in combination with the Ammonia, forming a *triple Salt*, which is held in solution, and washed away.

### ANTIMONII SULPHURĒTUM PRÆCIPITĀTUM.

#### PRECIPITATED SULPHURET OF ANTIMONY.

*Recipe take duas two libras pounds contriti of powdered Sulphurēti Sulphuret Antimonii of Antimony ; quātūor four octarios pints liquōris of the liquor Potassæ of Potass ; tres three octarios pints distillatæ of distilled Aquæ Water ;*

*Misce mix, et and coque boil lento with a slow igne fire per for tres three horas hours, movens stirring assidue constantly, distillatâ distilled Aquā Water adjectâ being added subinde now and then, adēo so ut that implēat it may fill semper always eandem the same mensūram measure. Cola strain liquōrem the liquor protinus instantly per through lintēum cloth duplicātum folded, que and instilla drop ei to it adhuc whilst yet calenti hot paulatim by little and little quantum as much as sit may be satis sufficient dilūti of diluted sulphurici sulphuric Acidi Acid ad to dejiciendum preci-*



*pitate pulvërem the powder ; tum then ablũe wash Sulphãtem the Sulphate Potassæ of Potass calidã with warm Aquã Water ; exsicca dry precipitãtum the precipitated Sulphurëtum Sulphuret Antimonĩi of Antimony, et and tere rub in into subtilẽm a subtle pulvërem powder.*

Mr. Brande, in the 2d edition, vol. 2. p. 179. of his invaluable work on Chemistry, explains the above process in the following words : — “ *The Sulphuret of Antimony and Potassa acts upon the water, a portion of which is decomposed ; hydrogen is transferred to the alkaline sulphuret, to form hydrosulphuret of potassa ; hydrogen and oxygen unite to the sulphuret of antimony, producing a hydrosulphuretted oxide of that metal (kermes), which remains dissolved in the hot alkaline hydrosulphuret, and of which one portion is precipitated as that solution cools. When dilute sulphuric acid is added, the hydrosulphuret of potassa is decomposed, sulphate of potassa is formed, and sulphur and sulphuretted hydrogen are liberated ; the sulphur falls in combination with the kermes, producing the golden sulphur, or sulphuretted hydrosulphuret.*”

## ANTIMONĬUM TARTARIZATUM.

### TARTARIZED ANTIMONY.

*Recĩpe take duas two uncĩas ounces Sulphurëti of the Sulphuret Antimonĩi of Antimony contrĩti powdered ; uncĩam an ounce Nitrãtis of the Nitrate Potassæ of Potass ; duas two uncĩas ounces Supertartrãtis of the Supertartrate Potassæ of Potass ; duas two uncĩas ounces (pondëre by weight) sulphurĩci of sulphuric Acĩdi Acid ; octarĩum a pint cum with semisse half (a pint) distillãtæ of distilled Aquæ Water ;*



Misce mix Acidum the Acid cum with dimidio half octario a pint Aquæ of the Water in in idōnēo a convenient vitrēo glass vāse vessel, et and calēfac heat balnēo in a bath arēnæ of sand. Cum when incaluērint they shall have become heated mōdicē moderately, adjice odd paulātim by little and little Sulphurētum the Sulphuret et and Nitrātem the Nitrate mista mixed inter among se themselves, (i. e. together) ; tum then coque boil donec until omnis all humor moisture sit may be consumtus evaporated. Lava wash rēliquum the residue distillātā with distilled Aquā Water, donec until sit it be expers devoid sapōris of taste, et and misce mix (it) adhuc whilst humidum wet cum with Supertartrāte the Supertartrate Potassæ of Potass, et and conjice throw (it) in octarium into a pint distillātæ of distilled Aquæ Water ; denique lastly, dēcōque boil down liquōrem the liquor, et and ubi when colavēris you shall have strained, sepōne set aside, ut that crystalli crystals fiant may be formed.

The above process is exceedingly difficult of explanation ; and I believe there is no settled theory respecting it. Mr. Brande says, “ Our knowledge of the composition and properties of the oxides of antimony, and of most of their combinations, is still extremely imperfect, and the whole subject requires further investigation before the anomalies that now present themselves can be cleared up.” — And Mr. Anthony Todd Thomson makes this remark : — “ The following is the probable theory of the changes which take place during the process we have described :” [he mentions a process as more eligible to insure success than the one above laid down by the College :] “ The Nitrate of  
of



*of potass is decomposed by the sulphuric Acid, as is demonstrated by the extrication of nitrous gas; and part of its oxygen is expended upon the oxide of the Sulphuret. This is converted into protoxide of Antimony; while, perhaps, also at the same time, the Sulphur is partly converted into an Acid. Sub-sulphate of Antimony is then formed by the action of part of the Acid on the protoxide, which has a greyish appearance when washed, and is in a state fit to be acted upon by the tartaric Acid of the supertartrate of Potass, which form the ternary Salt."*

### LIQUOR ANTIMONII TARTARIZATI.

#### LIQUOR OF TARTARIZED ANTIMONY.

*Recipe take scrupulum a scruple tartarizati of tartarized Antimonii Antimony; quattuor four fluiduncias fluid ounces ferventis of boiling distillatæ distilled Aquæ Water; sex six fluiduncias fluid ounces Vini\* of Wine;*

*Liqua dissolve tartarizatum the tartarized Antimonium Antimony in fervente in boiling distillatâ distilled Aquâ Water; tum then adijce add Vinum the Wine.*

### PULVIS ANTIMONIALIS.

#### ANTIMONIAL POWDER.

*Recipe take libram a pound contriti of powdered Sulphureti Sulphuret Antimonii of Antimony;*

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\* Sherry should be used; but from the difficulty of obtaining it sound and good, Dr. Paris says, the College has determined to substitute a weak spirit instead of wine.



duas *two* libras *pounds* Cornūm of *Horns* \* ra-  
sōrum *shaved* ;

Misce *mix*, et *and* conjice *throw* (them) together  
in into lātam a broad ferrēam iron ollam pot can-  
dentem † *glowing* igne in the fire, movens *stirring*  
(them) assidue constantly, donec until fuērint they  
shall have become cīnerei of an ash colōris colour.  
Exempta being taken out, tere rub in into pulvēm  
a powder, et *and* inde thence [put them] loricāto  
in a coated crucibūlo crucible, quocum over which  
aliud another crucibūlum crucible (is) inversum  
inverted, cui to which sit let there be parvum a  
little forāmen hole in fundo in the bottom ; est it  
is conjungendum to be joined luto by a lute. Tum  
then subministra apply ignem the fire, et *and*  
auge increase (it) paulātim gradually, ut that  
candēat it may whiten per for duas two horas  
hours. Tere rub rēsidūm the residue, ut that  
subtilissimus a very subtle pulvis powder fiat may  
be formed.

“ When the native Sulphuret of Antimony is exposed  
under a muffle to a dull red heat, it gradually loses  
sulphur and absorbs oxygen, being converted into a  
grey powder, which consists of a mixture of protoxide  
of antimony and sulphuret. The effect of heat upon  
the hartshorn shavings is to destroy the animal matter,  
leaving little else than phosphate of lime, so that the  
Pulvis antimonialis consists essentially of protoxide of  
antimony mixed with phosphate of lime.” — Brande’s  
Chemistry, p. 178 and 180. vol. 2. 2d edition.

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\* Hartshorn.

† Heated to whiteness.



PRÆPARĀTUM EX ARGENTO.  
PREPARATION FROM SILVER.

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ARGENTI NITRAS.  
NITRATE OF SILVER.

Recipe take unciām an ounce Argenti of Silver ;  
fluidunciām a fluid ounce nitrīci of nitric Acīdi  
Acid ; duas two fluiduncias fluid ounces distillātæ  
of distilled Aquæ Water ;

Misce mix nitrīcum the nitric Acīdum Acid  
Aquâ in the Water, et and liqua dissolve Argentum  
the Silver in his in these in balnĕo in a bath arĕnæ  
of sand. Dein then auge increase calōrem the  
heat paulātim gradually, ut that Nītras the Nitrate  
Argenti of Silver siccĕtur may be dried. Lique-  
fac dissolve hanc this in crucībŭlo in a crucible,  
lento by a slow igne fire, donec until, Aquâ the  
Water expulsâ being driven away, ebullitio ebulli-  
tion cessavĕrit shall have ceased ; tum then effun-  
de pour off statim immediately in idōnĕas into  
convenient formas shapes.

The Silver is oxidized, and the Acid in consequence partly decomposed ; but a portion of the Acid remain-  
ing, it dissolves the oxide. The Silver, thus held in  
solution, is in the state of an Oxynitrate, which is  
evaporated as above.



## PRÆPARĀTA EX ARSENICO.

## PREPARATIONS FROM ARSENIC.

## ARSENICI OXYDUM SUBLĪMATUM.

## SUBLIMED OXIDE OF ARSENIC.

Tere rub Oxȳdum the Oxide Arsenici of Arsenic in pulvĕrem into a powder ; tum then conjice throw (it) in crucibŭlum into a crucible, et and admōto having applied igne the fire, sublĭma sublime in into aliud another crucibŭlum crucible superimpositum placed upon priōri the former.

## LIQUOR ARSENICALIS.

## ARSENICAL SOLUTION.

Recĭpe take sublimāti of sublimed Oxȳdi Oxide Arsenici of Arsenic, trĭti rubbed in into subtilissĭmum a very fine pulvĕrem powder ; Subcarbonātis of the Subcarbonate Potassæ of Potass ex from Tartāro Tartar, singulōrum of each sexaginta sixty quātŭor four grana grains ; octariŭm a pint distillātæ of distilled Aquæ Water ;

Coque boil simul together in vitrĕo in a glass vase vessel donec until omne all Arsenicum the Arsenic liquĕtur is dissolved. Adjice add frige-  
facto to the cooled liquōri liquor quātŭor four  
fluidrachmas fluid drams compositi of compound



Spirītūs *Spirit* Lavandŭlæ of *Lavender* ; denĩque *lastly*, adjice *add* insŭper *thereto* quantum *as much* as sit *may be* satis *sufficient* distillātæ of *distilled* Aquæ *water*, ut *that* implēat *it may fill* mensŭram *the measure* octariĩ of *a pint* accurātē *accurately*.

The Oxide here employed is said to possess the properties of an Acid, and has been termed *arsenious Acid*, which, uniting with the Potass, forms *Arsenate of Potass*. The Spirit of Lavender is merely a colouring matter, to prevent its being mistaken for water, or any other colourless fluid.

## PRÆPARĀTA E CŪPRO.

### PREPARATIONS FROM COPPER.

#### CŪPRUM AMMONIĀTUM.

##### AMMONIATED COPPER.

Recĩpe *take* dimidiām *half* uncĩam *an ounce* Sulphātis of the *Sulphate* Cŭpri of *Copper* ; sex *six* drachmas *drams* Subcarbonātis of the *Subcarbonate* Ammonĩæ of *Ammonia* ;

Tere *rub* simul *together* in vitrēo in a *glass* mortārio *mortar*, donec *until* ebullitio *ebullition* cessaverit *shall have ceased* ; deinde *then*, leni *with a* calōre *heat*, exsicca *dry* ammoniātum *the ammoniated* Cuprum *Copper*, involūtum *folded* bībŭlā in *bibulous* chartā *paper*.



The Sulphate of Copper is decomposed by part of its Acid being taken up by the Ammonia, during trituration; the carbonic Acid of the latter being disengaged, effervescence takes place whilst it is given off. There being an excess of Ammonia, a *triple Sulphate* of Ammonia and Copper is the result.

### LIQUOR CŪPRI AMMONIĀTI.

#### AMMONIATED LIQUOR OF COPPER.

Recipe take drachmam a dram ammoniāti of ammoniated Cupri Copper; octarium a pint distillatæ of distilled Aquæ Water;

Liqua dissolve ammoniātum the ammoniated Cuprum Copper in Aquâ in the Water, et and cola strain per through chartam paper.

### PRÆPARĀTA E FERRO.

#### PREPARATIONS FROM IRON.

#### FERRUM AMMONIATUM.

##### AMMONIATED IRON.

Recipe take Subcarbonātis of the Subcarbonate Ferri of Iron; Muriātis of the Muriate Ammoniæ of Ammonia, singulōrum of each libram a pound;

Misce mix diligenter diligently; tum then, igne acri a fierce fire subjēcto being applied, protinùs instantly sublīma sublime; denīque lastly, tere rub in pulvĕrem into a powder.



Through the medium of heat, the Ammonia is decomposed by the Oxide of Iron, which unites with part of its muriatic Acid: *Muriate of Ammonia* with *Permuriate of Iron*, in variable proportions, seems to be the result.

## FERRI SUBCARBŌNAS.

### SUBCARBONATE OF IRON.

Recīpe take octo eight uncias ounces Sulphātis of the Sulphate Ferri of Iron; sex six uncias ounces Subcarbonātis of the Subcarbonate Sodæ of Soda; congiūm a gallon ferventis of boiling Aquæ Water;

Liqua dissolve Sulphātem the Sulphate Ferri of Iron et and Subcarbonātem the Subcarbonate Sodæ of Soda sepārātīm separately in quātūor in four octariis pints Aquæ of Water; tum then misce mix liquōres the liquors inter among se themselves (i. e. together) et and sepōne set aside, ut that pulvis the powder subsīdat may subside; deinde then supernātante the supernatant liquōre liquor effūso being poured off, ablūe wash Subcarbonātem the Subcarbonate Ferri of Iron calidā in warm Aquâ Water, et and exsicca dry (it) involūtā folded bībūlā in bibulous chartā paper leni with a gentle calōre heat.

When the two solutions are poured together, the sulphuric Acid of the Sulphate of Iron unites with the Soda, and at the same time the Iron attracts the carbonic Acid of the Subcarbonate of Soda; thus a double decomposition takes place. The insoluble *Subcarbonate of Iron* is dried as above, whilst the solution of *Sulphate of Soda* is filtered and washed away.



## FERRI SULPHAS.

## SULPHATE OF IRON.

Recipe take Ferri of Iron, sulphurici of sulphuric Acidi Acid, singulorum of each (pondere by weight) octo eight uncias ounces ; Aquæ of Water quattuor four octarios pints ;

Misce mix sulphuricum the sulphuric Acidum Acid cum with Aquâ the Water in vitreo in a glass vase vessel, que and his to these adjice add Ferrum the Iron ; tum then ubi when bullulæ bubbles cessaverint shall have ceased exire to go forth, cola strain liquorem the liquor per through chartam paper, que and consume evaporate eum it ad over ignem the fire, adèò so ut that, dum whilst frigescit it cools, crystalli crystals fiant may be formed. Exsicca dry has these super upon bibulam bibulous chartam paper, Aquâ the Water effusâ being poured off.

The Iron being oxidized at the expence of the water, the latter is partly decomposed ; for whilst the iron combines with its oxygen, hydrogen gas is given off. The oxide uniting with the Acid forms a *Sulphate of oxide of Iron* in solution, which is directed to be crystallized.

Crystals. Transparent rhomboidal prisms of a light green colour.

## FERRUM TARTARIZATUM.

## TARTARIZED IRON.

Recipe take Ferri of Iron libram a pound ; contritæ of powdered Supertartratis Supertartrate Potassæ of Potass duas two libras pounds ; Aquæ of Water octarium a pint ;



*Tere rub simul together, et and expōne expose aëri to the air per for octo eight dies days in pătŭlo in an open vitrĕo glass vāse vessel ; dein then sicca dry balnĕo in a bath ārĕnæ of sand, et and tere rub in subtilissimum into a very fine pulvĕrem powder ; octario a pint Aquæ of Water adjecto being added, itĕrum again sepōne set aside hunc this pulvĕrem powder per for octo eight dies days ; tum then sicca dry et and tere rub in pulvĕrem into a powder.*

First an *oxide* is formed by the Iron's attracting oxygen from the water and air, which oxide unites with the excess of Acid contained in the Supertartrate of Potass. We have therefore *Tartrate of Potass and Iron*, forming a *triple Salt*.

Iron may be attracted from this Salt in a metallic state by a magnet ; it is therefore an imperfect Salt.

#### LIQUOR FERRI ALKALINI.

#### LIQUOR OF ALKALINE IRON.

*Recipe take duas two drachmas drams Ferri of Iron cum with semisse half (a dram) ; duas two fluīduncias fluid ounces nitrici of nitric Acīdi Acid ; sex six fluīduncias fluid ounces distillātæ of distilled Aquæ Water ; sex six fluīduncias fluid-ounces Liquōris of the Liquor Subcarbonātis of the Subcarbonate Potassæ of Potass ;*

*Superinfunde pour upon Ferro the Iron, Acīdum the Acid et and Aquam the Water mista mixed inter se together : tum then, ubi when bullŭlæ bubbles cessavĕrint shall have ceased exīre to go forth, effunde pour off liquōrem the liquor adhuc whilst yet acīdum acid. Adjice add hunc this paulātim*



*by little and little et and ex intervallis at intervals*  
*Liquōri to the Liquor Subcarbonātis of the Subcar-*  
*bonate Potassæ of Potass, sūbindé occasionally*  
*agītans shaking (it), donec until jam just when,*  
*fusco-rubīcundo a brownish red colōre colour*  
*facto being produced, nullæ no bullūlæ bubbles*  
*ampliūs excitentur are any more excited. Denīque*  
*lastly, sepōne set aside per for sex six hōras hours,*  
*et and effunde pour off liquōrem the liquor.*

The above name is deemed unchemical, as *alkaline Iron* is a thing unknown. The theory of the process seems to be this: the Acid is diluted that it may act more powerfully on the Iron, which becomes oxidized, whilst red fumes of nitrous gas and nitrous oxide escape, and a *pernitrate of Iron* is formed in solution. On adding the alkaline liquor, carbonic Acid is expelled, and what is called the *solution of alkaline Iron* is the consequence.

This preparation should never be given diluted with water, as in that case the oxide of Iron would be precipitated. Dr. Paris, in his *Pharmacologia*, says “*it cannot be exhibited in any form, without undergoing decomposition.*”

## TINCTŪRA FERRI AMMONIATI.

### TINCTURE OF AMMONIATED IRON.

*Recipe take quātūor four uncias ounces ammoniāti*  
*Ferri of ammoniated Iron ; octarīum a pint*  
*Spirītūs tenuiōris of proof Spirit ;*  
*Macēra macerate, et and cola strain.*



## TINCTŪRA FERRI MURIATIS.

## TINCTURE OF MURIATE OF IRON.

Recīpe take dimidiām half libram a pound Subcarbonātis of the Subcarbonate Ferri of Iron ; octarium a pint Acīdi muriatīci of muriatic Acid ; tres three octarios pints rectificāti of rectified Spiritūs Spirit ;

Superinfunde pour Acīdum the Acid Subcarbonāti to the Subcarbonate Ferri of Iron in vitrēo in a glass vase vessel, et and agita shake it subindè from time to time per for tridūm three days. Sepōne set aside ut that fæces the dregs, (si if sint there be quæ any,) subsīdant may subside ; deinde then effunde pour off liquōrem the liquor, que and adjice add ei to it Spiritum the Spirit.

A muriate of Iron is formed by the Iron attracting the Acid, and the carbonic Acid is given off: this muriate is soluble in alcohol, also in water.

## VINUM FERRI.

## WINE OF IRON.

Recīpe take duas two uncias ounces ramentōrum of the filings Ferri of Iron ; duos two octarios pints Vīni of Wine ;

Misce mix, et and sepōne set aside per for mensem a month, subindè occasionally agitans shaking ; tum then cola strain per through chartam paper.



## PRÆPARĀTA EX HYDRARGYRO.

## PREPARATIONS FROM QUICKSILVER.

## HYDRARGYRI NITRICO-OXYDUM.

## NITRIC-OXIDE OF MERCURY.

*Recipe take tres three libras pounds, pondere by weight, purificati of purified Hydrargyri Mercury; libram a pound cum with semisse half (a pound), pondere by weight, nitrici of nitric Acidi Acid, duos two octarios pints distillatæ of distilled Aquæ Water;*

*Misce mix in vase vitreo in a glass vessel, et and coque boil, donec until Hydrargyrum the Mercury liquetur is dissolved, et and, Aquâ the Water consumptâ being evaporated, alba a white materia substance restet remains. Tere rub hanc this in pulvrem into a powder, et and conjice throw (it) in aliud into another vas vessel quàm minimè less profundum deep; tum then adhibe apply thereto lenem a gentle ignem fire que and auge increase (it) paulatim gradually, donec until ruber a red vapor vapour cessaverit shall have ceased prodire to go forth.*

The Mercury decomposes the nitric Acid; nitrous Acid and nitric oxide gasses being evolved. The Mercury, being thus oxidized, unites with that portion of the Acid which remains after this decomposition takes place, and forms a *Nitrate of Mercury*; this Nitrate, when the heat is increased, becomes decomposed, the acid and water being expelled; and the  
oxide



oxide finally remains of a red colour. As a small portion of Acid is left with this oxide, it may be called a *Subnitrate*. Mr. Brande calls it a "*Peroxide of Mercury, with a small portion of adhering nitrate.*"

### HYDRARGYRI OXŸDUM CINERĒUM.

#### GREY OXIDE OF MERCURY.

Recipe take unciām an ounce Submuriātis of the Submuriate Hydrargyri of Mercury ; congiūm a gallon Liquōris of the Water Calcis of Lime ;

Coque boil Hydrargyri Submuriātem the Submuriate of Mercury in Liquōre in the Water Calcis of Lime, movens stirring assidūè constantly, donec until cinerēm the grey OxŸdum Oxide Hydrargyri of Mercury subsīdat subsides. Lava wash hoc this distillātā in distilled Aquā Water ; deinde then exsicca dry (it).

The Lime unites with the Acid of the submuriate, forms a *Muriate of Lime*, and precipitates the oxide in the form of a grey coloured powder ; from which the Muriate of Lime that remains in solution is washed away.

### HYDRARGYRI OXŸDUM RUBRUM.

#### RED OXIDE OF MERCURY.

Recipe take libram a pound, pondēre by weight, purificāti of purified Hydrargyri Mercury ;

Immitte put Hydrargyrum the Mercury in vitrēum into a glass vas vessel, cui to which sit there should be angustum a narrow os mouth, et and latior a broad fundus base ; adhibe apply huic to this aperto open vasi vessel calōrem a heat sex-



centesimi of the six hundredth gradûs degree, donec until Hydrargyrum the Mercury abiërit shall form in rubras into red squāmas scales ; dein then tere rub in subtilissimum into a very fine pulvërem powder.

The Mercury is volatilized by heat, and absorbs oxygen from the air, which changes it to a red oxide.

## HYDRARGYRI OXŸMURIAS.

### OXYMURIATE OF MERCURY.

Recipe take duas two libras pounds, pondëre by weight, purificāti of purified Hydrargyri Mercury ; trīginta thirty uncias ounces, pondëre by weight, Acīdi sulphurīci of sulphuric Acid ; quatūor four libras pounds exsiccātæ of dried Muriātis Muriate Sodæ of Soda ;

Coque boil Hydrargyrum the Mercury cum with sulphurico the sulphuric Acīdo Acid in vitrëo in a glass vāse vessel, donec until Sulphas Hydrargyri the Sulphate of Mercury exsiccāta fuërit shall be dried ; contëre triturate hanc this, ubi when refrixërit it shall have cooled, cum with Muriāte the Muriate Sodæ of Soda in fictili in an earthen mortārio mortar ; tum then sublima sublime ex from vitrëa a glass cūcurbītâ cucurbit, calōre with a heat sensim gradually aucto increased.

“ Perchchloride of Mercury, or corrosive sublimate, may be obtained by a variety of processes. When Mercury is heated in chlorine, it burns with a pale flame ; the gas is absorbed, and a white volatile substance rises, which is the Perchloride. It may also be obtained by dissolving peroxide of Mercury in muri-  
G
atic



atic Acid, evaporating to dryness, re-dissolving in water, and crystallizing.

“ The ordinary process for making corrosive sublimate, consists in exposing a mixture of chloride of Sodium (common Salt) and persulphate of Mercury, to heat in a flask, or other proper subliming vessel ; a mutual decomposition ensues. The chlorine of the common Salt unites to the Mercury of the sulphate, and forms bi-chloride of Mercury. The oxygen of the oxide of Mercury converts the Sodium of the Salt into Soda, which, with the sulphuric Acid, produces sulphate of Soda. This decomposition is exhibited by the following diagram :

“ 1 Proportional of Perchloride of Mercury = 257.

2 proportions of common Salt = 111 consists of	Chlorine 67      Mercury 190		1 proportional of Persulphate of Mercury = 280 consists of
	Sulphuric Acid 75		
	Sodium 44      Oxygen 15		

2 Proportionals of Sulphate of Soda = 134.”

Brande's Chemistry, vol. 2. page 248.

The same author then adds, “ The quantity of common Salt employed in the process” (ordered above in the Pharmacopœia) “ is obviously too large ; in practice, however, we find that more than the real quantity decomposed, and shown in the above table, is required.

“ The following is the process employed at Apothecaries' Hall, for the formation of corrosive sublimate : 50 lbs. of Mercury are boiled to dryness with 70 lbs. of sulphuric Acid ; 73 lbs. of persulphate of Mercury are thus formed, which being perfectly mixed with 120 lbs. of common Salt and sublimed, yield from 63 to 65 lbs. of corrosive sublimate.

“ By



"By the quantity of chlorine absorbed by a given weight of Mercury, we learn that the perchloride of Mercury consists of 1 proportional of Mercury = 190 + 2 proportionals of chlorine = 67, consequently, its representative number is 257."

## HYDRARGYRI SUBMURIAS.

### SUBMURIATE OF MERCURY.

Recipe take libram a pound Oxymuriātis of the Oxymuriate Hydrargyri of Mercury; novem nine uncias ounces, pondere by weight, purificāti of purified Hydrargyri Mercury;

Tere rub simul together, donec until globuli globules conspiciantur are seen non amplius no longer; tum then sublima sublime; deinde then exime take out Sublimatum the Sublimate, et and tere powder et and sublima sublime id it bis twice que and iterum again [i.e. thrice]. Denique lastly, fiat pulvis subtilissimus let a very fine powder be made eodem in the same modo manner quo in which præcepimus we have ordered Cretam Chalk præparari to be prepared.

The Perchloride is reduced to the state of *Protochloride*, by the addition of Mercury, and the process of sublimation. Its name as a *submuriate* is highly erroneous, it being a *muriate* at a minimum of oxidization. The terms *oxy* and *sub* are hardly sufficient to distinguish these two last preparations from each other, the former being one of the most powerful mineral poisons.



## HYDRARGÝRI SULPHURĒTUM NIGRUM.

*BLACK SULPHURET OF MERCURY.*

Recipe take libram a pound, ponděre by weight, purificāti of purified Hydrargýri Mercury; libram a pound sublimāti of sublimed Sulphŕis Sulphur ;

Tere rub simul together donec until glöbŕli globules conspĭciantur are seen non no amplĭus longer.

There is no settled theory respecting the nature of this process.

## HYDRARGÝRI SULPHURĒTUM RUBRUM.

*RED SULPHURET OF MERCURY.*

Recipe take purificāti of purified Hydrargýri Mercury, ponděre by weight, quadraginta forty uncĭas ounces ; sublimāti of sublimed Sulphŕis Sulphur octo eight uncĭas ounces ;

Admisce admix Hydrargýrum the Mercury Sulphŕi to the Sulphur liquefacto dissolved ad ignem upon the fire, et and quamprĭmŭm as soon as massa the mass intŭmescat swells, rĕmove remove vas the vessel ab from igne the fire, et and tege cover (it) fortĭter strongly, ne lest inflammātio inflammation fiat should take place ; deinde then tere rub in pulvĕrem into a powder, et and sublimā sublime.

This process seems to effect a more immediate  
union



union of Mercury and Sulphur; but wherein the difference of this and the last preparation consists, it is more easy to guess than to explain.

## HYDRARGYRUM CUM CRĒTA.

### MERCURY WITH CHALK.

*Recipe take tres three uncias ounces, pondere by weight, purificati of purified Hydrargyri Mercury; quinque five uncias ounces preparatae of prepared Crētæ Chalk;*

*Tere rub simul together, donec until glöbuli globules conspiciantur are seen non amplius no longer.*

During trituration the metal becomes oxidized, and a black oxide of Mercury is the result.

## HYDRARGYRUM PRECIPITATUM ALBUM.

### WHITE PRECIPITATED MERCURY.

*Recipe take dimidiā half libram a pound Oxymuriātis of the Oxymuriatæ Hydrargyri of Mercury; quātūor four uncias ounces Muriātis of the Muriatæ Ammonīæ of Ammonia; dimidium half octarium a pint Liquōris of the Liquor Subcarbonātis of the Subcarbonate Potassæ of Potass; quātūor four octarios pints distillatæ of distilled Aquæ Water;*

*Prīmò first liqua dissolve Muriātem the Muriatæ Ammonīæ of Ammonia, dein then Oxymuriātem the Oxymuriatæ Hydrargyri of Mercury, in distillatâ in the distilled Aquâ Water, et and adjice add*



his to these *Liquorem the Liquor Subcarbonātis of the Subcarbonate Potassæ of Potass.* Lava wash demissum *the precipitated pulvĕrem powder, donec until fuĕrit it shall be expers devoid sapōris of taste ; tum then exsicca dry (it).*

The Muriate of Ammonia has the property of rendering the oxymuriate more soluble in water, and it here forms with it a *triple Salt* in solution of *Muriate of Mercury* and *Ammonia* : a considerable portion of the Acid of the Muriate of Ammonia is abstracted by adding the Subcarbonate of Potass, and the Salt just enumerated is thrown down in the form of a white precipitate, whence the name *Hyd. præcipitat. alb.* which is improper, considered in a chemical point of view.

## HYDRARGYRUM PURIFICĀTUM.

### PURIFIED MERCURY.

Recipe take Hydrargyri of Mercury, pondĕre by weight, sex six libras pounds ; libram a pound ramentōrum of the filings Ferri of Iron ;

Tere rub simul together ; tum then, igne the fire subjecto being applied, distillet Hydrargyrum let the Mercury distil ex from ferrĕâ an iron retōrtâ retort.

Iron filings are here ordered, from the supposition, that Iron has a greater affinity for any foreign metals used in alloy than Mercury has ; but Mr. Brande merely orders the Mercury to be re-distilled in an iron retort.



## LIQUOR HYDRARGÿRI OXYMURIĀTIS.

## LIQUOR OF THE OXYMURIATE OF MERCURY.

Recipe take grāna octo *eight grains* Oxymuriātis of the Oxymuriate Hydrargÿri of Mercury; quindecim *fifteen* fluiduncias *fluid-ounces* distillātæ of distilled Aquæ *Water*; fluidunciam a *fluid ounce* Spiritūs rectificāti of *rectified Spirit*;

Liqua *dissolve* Oxymuriātem *the Oxymuriate* Hydrargÿri of Mercury in Aquâ *in the Water*, que *and adjice add thereto* Spiritum *the Spirit*.

## PRÆPARĀTA E PLUMBO.

## PREPARATIONS FROM LEAD.

## LIQUOR PLUMBI SUBACETĀTIS.

## LIQUOR OF SUBACETATE OF LEAD.

Recipe take duas *two* libras *pounds* semivitrēi of the semivitreous Oxÿdi *Oxide* Plumbi of *Lead*; congĭum a *gallon* acetici of *acetic* Acĭdi *Acid*;

Misce *mix*, et *and* decōque *boil down* ad *to* sex *six* octarios *pints*, movens *stirring* assiduè *constantly*; dein *then* sepōne *set aside*, ut *that* fæces *the dregs* subsĭdant *may subside*, et *and* cōla *strain*.



An *Acetate of Lead* is formed by the acetic Acid of the vinegar uniting with part of the oxide, which is held in solution. Dr. Paris says, “ *It is a saturated solution of Subacetate of Lead, consisting, according to Berzelius, of one proportional of Acid, and three proportionals of oxide of Lead ; hence its name is correct. It is the only instance with which we are acquainted of a real sub-salt being soluble in water.*” Others dispute the correctness of the term *sub*.

### LIQUOR PLUMBI SUBACETATIS DILŪTUS.

#### DILUTED LIQUOR OF THE SUBACETATE OF LEAD.

Recipe take flūdrachmam a fluid-dram Liquōris of the Liquor Subacetātis of the Subacetate Plumbi of Lead ; octarĭum a pint distillātæ of distilled Aquæ Water ; flūdrachman a fluid-dram Spiritūs tenuiōris of proof Spirit ;

Misce mix.

### PLUMBI SUPERACETAS.

#### SUPERACETATE OF LEAD.

Recipe take librā a pound Carbonātis of the Carbonate Plumbi of Lead ; congĭum a gallon cum with semisse half (a gallon) acetici of acetic Acid Acid ;

Coque boil Carbonātem the Carbonate Plumbi of Lead cum with Acido the Acid, donec until hoc this [the Acid] saturētur be saturated ; deinde then cōla strain per through chartam paper, et and, Aquâ the Water consumptâ being evaporated



donec *until pellicūla a pellicle subnascātur floats*, sepōne *set (it) aside ut that crystalli crystals fiant may be formed*. Effūsâ *having poured off Aquâ the Water*, exsicca *dry super upon bibūlam bibulous chartam paper [blotting paper.]*

The acetic Acid of the vinegar decomposes the carbonate by uniting with its oxide; the Salt is then evaporated, and crystallizes, forming an *acetate*, not a *superacetate*. If this be dissolved in water containing ever so little carbonic Acid, a white insoluble precipitate is thrown down.

Crystals. Short and spicular, in masses, resembling lumps of sugar.

## PRÆPARĀTA E ZINCO.

### PREPARATIONS FROM ZINC.

#### CALAMINA PRÆPARĀTA.

##### PREPARED CALAMINE.

Ure *burn Calamīnam the Calamine*; tam *then contēre triturate (it)*. Deinde *afterwards fiat let there be made subtilissīmus a very subtle pulvis powder eōdem in the same modo manner quo in which præcepīmus we directed Cretam Chalk præparāri to be prepared*.

By this process the Calamine [Carbonate of Zinc] is cleansed from its impurities. See *Creta præparata*.



## ZINCI OXŸDUM.

## OXIDE OF ZINC.

Injice *throw* frustūla *pieces* Zinci *of Zinc* paulatim *gradually* candenti *into a hot*, capāci *capacious*, alto *deep*, et *and* inclināto *inclined* crucibūlo *crucible*, alio *another* crucibūlo *crucible* superimposito *being placed over it*, ita *so* ut *that* Zincum *the Zinc* patēat *may be exposed* aëri *to the air*, et *and* possit *may be* movēri *moved* sæpè *frequently* ferrēâ *with an iron* spathâ *spatula*; exīme *take out* OxŸdum *the Oxide* statim *immediately* quod *which* nascātur *arises* subinde *now and then*; tum *then* trans mitte *pass* albam *the white* et *and* leviōrem *lighter* partem *part* ejus *of it* per *through* cribrum *a sieve*. Denique *lastly* superinfunde *pour* aquam *water* huic *to this*, ut *that* subtilissimus *a very fine* pulvis *powder* fiat *may be made* eōdem *in the same* modo *manner* quo *in which* præcepimus *we directed* Crētam *Chalk* præparāri *to be prepared*.

Though it is not directed here, yet it is necessary that the crucible should be heated above 700° of Fahrenheit, which is the degree at which Zinc inflames. During ignition it absorbs oxygen from the atmosphere, and is converted into a white oxide.

## ZINCI SULPHAS.

## SULPHATE OF ZINC.

Recipe *take* Zinci *of Zinc* fracti *broken* in frustūla *into pieces* tres *three* uncias *ounces*; quin-



que *five uncias ounces, pondere by weight,*  
*sulphurici of sulphuric Acidi Acid ; quattuor*  
*four octarios pints Aquæ of Water ;*

Misce *mix in vitreo in a glass vase vessel, et and,*  
*effervescentiâ effervescence finitâ being finished,*  
*cōla strain liquorem the liquor per through*  
*chartam paper ; tum then dēcōque boil down,*  
*donec until pellicula a pellicle subnascatur rises,*  
*et and sepōne set aside ut that crystalli crystals*  
*fiant may be formed.*

The metal becoming dissolved by the diluted Acid is at the same time oxidized at the expence of the water ; hydrogen gas is evolved, and a Sulphate of Zinc remains in solution from the union of the oxide with the Acid ; it is then crystallized.

Crystals. Small four sided prisms terminated by four sided pyramids. It in some measure resembles fine Epsom Salts.

## SULPHURĚA.

### PREPARATIONS FROM SULPHUR.

#### OLĚUM SULPHURĀTUM.

##### SULPHURATED OIL.

Reciĥe *take duas two uncias ounces loti of washed*  
*Sulphuris Sulphur ; octarium a pint Olěi of the*  
*Oil Olivæ of Olive ;*

Injice *throw Sulphur the Sulphur paulatim*  
*gradually Olěo to the Oil calěfacto heated in*



*pěramplo in a very large ferrĕo iron vāse vessel, et and move stir assidũe constantly spathā with a spatula, donec until cōĩerint they shall have united.*

### POTASSÆ SULPHURĚTUM.

#### SULPHURET OF POTASS.

*Recipe take uncĩam an ounce lōti of washed Sulphũris Sulphur; duas two uncĩas ounces Subcarbonātis of the Subcarbonate Potassæ of Potass;*

*Tere rub simul together, et and impōne place (them) super upon ignem the fire in clauso in a covered crucibũlo crucible, donec until cōĩerint they shall have united.*

By the union of Potass and Sulphur the latter is rendered soluble in water, which is the design intended by the preparation.

The expulsion of the carbonic acid and the aqueous part of the alkali seem the result of this combination.

### SULPHUR LŌTUM.

#### WASHED SULPHUR.

*Recipe take lĩbram a pound sublimāti of sublimed Sulphũris Sulphur;*

*Superinfunde pour upon (it) ferventem boiling Aquam Water, ut that Acidum the Acid, (si if sit there be quod any), ablũātur may be washed away penĩtus thoroughly; dein then sicca dry.*



## SULPHUR PRÆCIPITATUM.

## PRECIPITATED SULPHUR.

Recipe take *libram a pound sublimāti of sublimed Sulphuris Sulphur*; *duas two libras pounds recentis of fresh Calcis Lime*; *quātūor four congios gallons Aquæ of Water*;

*Coque boil Sulphur the Sulphur et and Calcem the Lime simul together in Aquâ in the Water*; *tum then cōla strain liquōrem the liquor per through chartam paper, que and instilla drop ei to it quantum as much as sit may be satis sufficient Acīdi muriatīci of muriatic Acid, ut that Sulphur the Sulphur demittātur may be thrown down. Denique lastly, aquâ water superinfūsâ being poured thereon sæpius frequently, lava wash hoc this donec until fiat it becomes insipīdum insipid.*

The water is decomposed in the first instance, and a hydrogureted sulphuret of lime produced by the combination of the lime and sulphur, the hydrogen of the water uniting with a portion of the latter, and forming a hydrosulphuret: the oxygen combining with another portion, forms sulphuric acid, which unites with the lime; so that a *sulphate of lime* and *sulphuret of lime* combined with *sulphureted hydrogen*, form the solution. Next, sulphureted hydrogen gas is disengaged, the hydrogureted sulphuret being decomposed by the muriatic acid; which, uniting with the lime, forms a soluble muriate, when at the same time the sulphur becomes precipitated.



## VEGETABILĪA.

## VEGETABLES.

VEGĒTABILĪA *Vegetables* sunt *are* decerpenda *to be gathered* ex *from* locis *the situations* et *and* solo *soil* ubi *where* nascuntur *they grow* sponte *spontaneously*, siccâ *in a dry* tempestâte *season*, nec *neither* madēfacta *made wet* imbribus *with showers*, nec *nor* rōre *with dew*; sunt *they are* colligenda *to be collected* quōtannis *yearly*; et *and* quæ *those which* fuērint *shall have been* servāta *kept* diutiùs *longer*, rejicienda *(are) to be thrown away*.

RADĪCES *roots*, pleræque *for the most part*, sunt *are* effodiendæ *to be dug* antēquam *before* caules *the stems* aut *or* folia *leaves* exsērant *have shot forth*.

CORTICES *barks* dēbent *ought* colligi *to be collected* eâ *in that* tempestâte *season* quâ *in which* possint *they are able* sepārari *to be separated* facillimè *most easily* a ligno *from the wood*.

FOLĪA *leaves* sunt *are* decerpenda *to be gathered* postquam *after* flōres *the flowers* fuērint *shall have* expassi *expanded*; et *and* antēquam *before* semīna *the seeds* maturescant *are ripened*.

FLŌRES *flowers* sunt *are* lēgendi *to be gathered* nuper *when lately* explicāti *unfolded*.

SEMĪNA *seeds* sunt *are* colligenda *to be collected* jam *when just* matūra *ripe*, et *and* antēquam



*before incep̃rint they shall have begun decid̃ere to fall è from plantâ the plant. Hæc these dēbent ought servāri to be kept in propriis in (their) proper pericarp̃is seed vessels.*

## VEGETABILĪUM PRÆPARATIO.

### PREPARATION OF VEGETABLES.

*Vegetabilia Vegetables, brevi shortly postquam after decerpta fuērint they shall have been gathered [and] leṽter lightly strāta spread out, (illis those exceptis being excepted quæ which oportet ought esse to be [used] recentia fresh), exsicca dry quàm citissimè as soon as possible, calōre with a heat tam so lēni gentle ut that color the colour non mutētur may not be changed ; dein then conserva preserve them in locis in places vel or aptis proper vāsis vessels, interclūso excluded accessu from the access lum̃inis of light et and humōris moisture.*

*Reconde bury (those) RADĪCES Roots, quas which præcep̃imus we have ordered servāri to be kept recentes fresh, in siccâ in dry arēnâ sand. Seca cut RADĪCEM the Root SCILLÆ of Squill ante before exsiccationem drying (it) transversim transversely in tenūes into thin lam̃inas slices, ar̃idis the dried tuñicis coats direptis being taken away.*

*Sepōne set aside PULPŌSOS pulpy FRUCTUS Fruits, si if sint they be immatūri unripe, vel or matūri ripe et and sicci dry, in hum̃ido in a moist loco place, ut that mollescant they may soften ; dein then expr̃ime press out pulpas the pulp per through setāceum a hair crībrum sieve ; postea afterwards coque boil lento with a slow igne fire,*



*crēbrò frequently movens stirring. Denique lastly, consūme evaporate aquam the water aquōso in a water balnēo bath, donec until pulpæ the pulp fiant becomes idōnæ of a proper crassitudinis thickness.*

*Superinfunde pour ferventem bciling aquam water contūsis to the bruised LOMENTIS Pods CASSIÆ of Cassia, ut that pulpa the pulp eluātur may be washed out, quam which primū first exprime express per through cribrum a sieve grandioribus with large foraminibus holes, (and) postea afterwards per through setacēum a hair (sieve); deinde then consūme evaporate aquam the water aquōso with a water balnēo bath donec until pulpa the pulp habēat acquires idōnēam a proper crassitudinem thickness.*

*Exprime press out pulpam the pulp vel or succum juice maturōrum of ripe et and recentium recent fructūum fruits per through cribrum a sieve, nullā no coctiōne boiling adhibītā being applied.*

## GUMMI-RESINÆ.

### GUM-RESINS.

*Sepāra separate OPIUM Opium quā diligētissimè as carefully as possible a from aliēnis extraneous rebus things, præsertim especially externis from (those) external. Servētur Opium let Opium be kept MOLLE Soft, quod which sit may be aptum fit ad to fingendas form pilūlas pills;*



et and DURUM Hard, quod which fuërit shall have been ita so exsiccātum dried aquōso in a water balnēo bath ut that possit it may be able teri to be rubbed in into pulvërem a powder.

Gummi-Resinæ (those) Gum Resins sunt are habendæ to be accounted pro optimis best, quæ which fuërint shall have been electæ chosen adēo so sincēræ unmixed ut that sit there may be opus occasion nullâ purificatiōe for no purification. Quod but si if vidēantur they appear esse to be minus less pūræ pure, coque boil [them] in aquâ in water donec until mollescant they become soft, et and prēlo with a press exprime press per through cannabīnum canvass pannum cloth; dein then se-pōne set aside, ut that resinōsa the resinous pars part subsidat may subside. Consūme evaporate supernātantem the supernatant liquōrem liquor, effūsam poured off, aquōso in a water balnēo bath, resinōsâ the resinous parte part adjectâ being added sub towards finem the end, et and coactâ mixed in unum into one cum with gummōsâ the gummy parte part.

GUMMI-RESINÆ (those) Resinous Gums facilè easily liquescentes liquified possunt may be purificāri purified injiciendo by throwing (them) in bŭbŭlam into ox's vesicam bladder, que and te-nendo holding (them) in fervente in boiling aquâ water, donec until fiant they become adēo so molles soft, ut that possint they may be separāri separated à from sordibus impurities prēlo by a press per through cannabīnum canvass pannum cloth.

Liqua dissolve BALSĀMUM the Balsam STYRĀCIS of Styrax in rectificāto in rectified Spiritu Spirit, et and cōla strain; tum then lēni with a gentle



*calōre heat distillet Spiritus let the Spirit distil, donec until idōnĕa a proper crassitūdo consistence fiat may be formed balsāmo in the balsam.*

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## OLĚA EXPRESSA. EXPRESSED OILS.

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### OLĚUM AMYGDALĀRUM. OIL OF ALMONDS.

*Macĕra macerate vel either dulces sweet vel or amāras bitter Amygdālas Almonds per for duodĕcim twelve horas hours in aquā frigīdā in cold water, et and contunde bruise [them] ; deinde then, (nullo no calōre heat adhibĭto being applied), exprĭme express Olĕum the Oil.*

### OLĚUM LINI. LINSEED OIL.

*Contunde bruise Semĭna the Seeds usitatissĭmi of common Lĭni Flax ; deinde then, (nullo no calōre heat adhibĭto being applied), exprĭme express Olĕum the Oil.*

### OLĚUM RICĪNI. CASTOR OIL.

*Contunde bruise Semĭna the Seeds Ricĭni of the Ricinus, pellicŭlis the husks demtis being taken away ; deinde then, (nullo no calōre heat adhibĭto being applied), exprĭme express Olĕum the Oil.*



OLĚA DISTILLĀTA.  
DISTILLED OILS.

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Olĕum Anīsi	<i>Oil of Aniseed.</i>
— Anthemīdis	— <i>Chamomile.</i>
— Carūi	— <i>Carraway.</i>
— Junipĕri	— <i>Juniper.</i>
— Lavandŭlæ	— <i>Lavender.</i>
— Menthæ Piperītæ	— <i>Peppermint.</i>
— Menthæ Virīdis*	— <i>Spearmint.</i>
— Origāni	— <i>Thyme.</i>
— Pimentæ	— <i>Pimenta.</i>
— Pulegĭi	— <i>Pennyroyal.</i>
— Rosmārīni	— <i>Rosemary.</i>

Semīna the Seeds Anīsi of *Anise* et and Carūi *Carraway*, Flōres the Flowers Anthemīdis of *Chamomile* et and Lavandŭlæ *Lavender*, Baccæ the Berries Junipĕri of *Juniper* et and Pimentæ *Pimenta*, Cacumīna (and) the Tops Rosmarīni of *Rosemary*, adhibenda sunt are to be employed; et and exsiccātæ the dried herbæ herbs reliquōrum of the rest.

Immitte put quodvis any horum of these in into alembīcum an alembic, et and adjice add Aquæ of *Water* quantum as much as contĕgat may cover id it (i. e. the whole), tum then distillet Olĕum let the Oil distil in into amplum a large frigidārium cold vas vessel.

Aqua the water, quæ which prodit comes out (inter whilst distillandum distilling) cum with Olĕis the Oils Carūi of *Carraway*, Menthæ piperītæ *Pep-*

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\* *Mentha viridis* signifies literally green *Mint*.



*permint, et and viridis Spearmint, Pimentæ Pimenta, et and Pulegii Pennyroyal, servētur should be preserved in for usum use.*

### OLĚUM SUCCĪNI.

#### OIL OF AMBER.

*Immitte put Succinum the Amber in alembicum into an alembic, ut that acĭdus the acid Liqueur Liqueur, Olĕum the Oil et and Sal the Salt inquinātus impregnated olĕo with the oil, distillent may distil balnĕo in a bath ārĕnæ of sand, calōre by a heat paulātīm gradually aucto increased. Dein then Olĕum distillet let the Oil distil itĕrum again, et and tertĭo a third time.*

### OLĚUM TEREBINTHINÆ RECTIFICĀTUM.

#### RECTIFIED OIL OF TURPENTINE.

*Recipe take octarium a pint Olĕi of the Oil Terebinthinæ of Turpentine; quātūor four octarios pints Aquæ of Water;*

*Distillet Olĕum let the Oil distil.*

### AQUÆ DISTILLĀTÆ.

#### DISTILLED WATERS.

*AQUÆ Waters distillent should be distilled ex from exsic cātis dried herbis herbs nisi unless sit it be aliter otherwise præscriptum ordered, quonĭam be-*



*cause non possunt they cannot comparari be obtained omni at every tempore season anni of the year. Ubi when recentes fresh [herbs] adhibentur are employed, [the quantity] est is utendum to be used duplo in a double pondere proportion.*

*Singulis to each congiis gallon Aquarum of the Waters adjice add quinque five fluiduncias fluidounces tenuioris of proof Spiritus Spirit, ut that conserventur they may be kept integræ pure.*

## AQUA DISTILLATA.

## DISTILLED WATER.

*Recipe take decem ten congios gallons Aquæ of Water ;*

*Primum first distillent let there distil quatuor four octarii pints, quibus which abjectis being thrown away, distillent let there distil quatuor four congiis gallons. Serva keep distillatam the distilled Aquam Water in vitrea in a glass lagenâ bottle.*

## AQUA ANETHI.

## WATER OF DILL.

*Recipe take libram a pound contusorum of bruised Semen Seeds Anethi of Dill ;*

*Affunde pour his to these tantum so much Aquæ of Water, ut that, post after distillationem distillation, supersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreuma empyreuma. Distillet congius let a gallon distil.*



## AQUA CARŪI.

## WATER OF CARRAWAY.

Recipe take libram a pound contusōrum of bruised  
Semīnum Seeds Carūi of Carraway ;

Affunde pour his to these tantum so much Aquæ  
Water, ut that, post after distillatiōnem distillation,  
sūpersit there may remain quod that which est is  
satis sufficient ad to prohibendum prevent empy-  
reūma empyreuma. Distillet congius let a gallon  
distil.

## AQUA CINNAMŌMI.

## WATER OF CINNAMON.

Recipe take libram a pound contūsi of bruised  
Corticis Bark Cinnamōmi of Cinnamon ; octa-  
rium a pint Aquæ of Water ;

Macēra macerate Corticem the Bark in Aquâ  
in the Water per for vīginti twenty et and quātūor  
four horas hours ; tum then adjice add tantum so  
much Aquæ Water, ut that, post after distillatiō-  
nem distillation, sūpersit there may remain quod  
that which est is satis sufficient ad to prohibendum  
prevent empyreūma empyreuma. Distillet congius  
let a gallon distil.

## AQUA FÆNICŪLI.

## WATER OF FENNEL.

Recipe take libram a pound Semīnum of Seeds  
Fænicūli of Fennel contusōrum bruised ;



*Affunde pour his to these tantum so much Aquæ Water, ut that, post after distillatiōnem distillation, sūpersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreūma empyreuma. Distillet congius let a gallon distil.*

## AQUA MENTHÆ PIPERITÆ.

## WATER OF PEPPERMINT.

*Recipe take libram a pound Menthæ piperitæ of Peppermint cum with semisse half (a pound) ;*

*Huic to this affunde pour tantum so much Aquæ Water, ut that, post after distillatiōnem distillation, sūpersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreūma empyreuma. Distillet congius let a gallon distil.*

## AQUA MENTHÆ VIRĪDIS.

## WATER OF SPEARMINT.

*Recipe take Menthæ viridis of Spearmint libram a pound cum with semisse half (a pound) ;*

*Huic to this affunde pour tantum so much Aquæ Water, ut that, post after distillatiōnem distillation, sūpersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreūma empyreuma. Distillet congius let a gallon distil.*



## AQUA PIMENTÆ.

## WATER OF PIMENTA.

Recipe take *dimidiā* half *libram* a pound *contusarum* of bruised *Baccarum* Berries *Pimentæ* of *Pimenta*; *octarium* a pint *Aquæ* of *Water*;

*Macera* macerate *Baccas* the Berries in *Aquâ* in the *Water* per for *viginti* twenty *quattuor* four *horas* hours; *tum* then *adice* add *tantum* so much *Aquæ* *Water*, *ut* that, *post* after *distillationem* distillation, *supsit* there may remain *quod* that *which* *est* is *satis* sufficient *ad* to *prohibendum* prevent *empyreuma* *empyreuma*. *Distillet* *congius* let a gallon *distil*.

## AQUA PULEGII.

## WATER OF PENNYROYAL.

Recipe take *libram* a pound *cum* with *semisse* half (a pound) *Pulegii* of *Pennyroyal*;

*Huic* to this *affunde* pour *tantum* so much *Aquæ* *Water*, *ut* that, *post* after *distillationem* distillation, *supsit* there may remain *quod* that *which* *est* is *satis* sufficient *ad* to *prohibendum* prevent *empyreuma* *empyreuma*. *Distillet* *congius* let a gallon *distil*.

## AQUA ROSÆ.

## WATER OF ROSE.

Recipe take *Petalorum* of the *Petals* *centifolæ* \* of the *Damask Rose* *octo* eight *libras* pounds;

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\* *Centifolia*, hundred or many leaved.



His *to these* affunde *pour tantum so much* Aquæ *Water*, ut *that*, post *after* distillationem *distillation*, sūpersit *there may remain* quod *that* which est *is* satis *sufficient* ad *to* prohibendum *prevent* empyreūma *empyreuma*. Distillet *let* congius *a gallon* distil.

## INFŪSA.

## INFUSIONS.

## INFŪSUM ANTHEMĪDIS.

## INFUSION OF CHAMOMILE.

Recīpe *take* duas *two* drachmas *drams* Flōrum *of the Flowers* Anthemīdis *of Chamomile*; dimīdium *half* octarium *a pint* ferventis *of boiling* Aquæ *Water*;

Macēra *macerate* per *for* sextam *the sixth* partem *part* hōræ *of an hour*, in vāse *in a vessel* levītēr *lightly* clauso *covered*, et *and* cōla *strain*.

## INFŪSUM ARMORACIÆ COMPOSITUM.

## COMPOUND INFUSION OF HORSE-RADISH.

Recīpe *take* recentis *of fresh* Radīcis *Root* Armoraciæ *of Horse-radish* concīsæ *sliced*; Semīnum *of Seeds* Sināpis *of Mustard* contusōrum *bruised*, singulōrum *of each* uncīam *an ounce*; ferventis *of boiling* Aquæ *Water* octarium *a pint*;



*Macëra macerate per for duas two horas hours, in vāse in a vessel clauso covered levītèr lightly, et and cola strain ; tum then adjice add compositi of the compound Spiritūs Spirit Armoracię of Horse-radish fluidunciam a fluid ounce.*

### INFŪSUM AURANTII COMPOSITUM.

#### COMPOUND INFUSION OF ORANGE (PEEL).

*Recipe take exsiccāti of dried Corticis Rind Aurantii of Orange duas two drachmas drams ; recentis of fresh Corticis Rind Limōnum of Lemons drachmam a dram ; Caryophyllōrum of Cloves contusōrum bruised dimidiām half drachmam a dram ; ferventis of boiling Aquę Water dimidiūm half octariūm a pint ;*

*Macëra macerate per for quartam the fourth partem part horę of an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM CALUMBÆ.

#### INFUSION OF CALUMBA.

*Recipe take Radicis of Root Calumbę of Calumba concisę sliced drachmam a dram ; ferventis of boiling Aquę Water dimidiūm half octariūm a pint ;*

*Macëra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*



## INFUSUM CARYOPHYLLŌRUM.

## INFUSION OF CLOVES.

Recipe take drachmam a dram contusōrum of bruised Caryophyllōrum Cloves ; dimidiūm half octariūm a pint ferventis of boiling Aquæ Water ;

Macēra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM CASCĀRILLÆ.

## INFUSION OF CASCARILLA.

Recipe take Corticis of the Bark Cascārillæ of Cascarilla contūsi bruised dimidiām half unciam an ounce ; Aquæ ferventis of boiling Water dimidiūm half octariūm a pint ;

Macēra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM CATĚCHU COMPOSĪTUM.

## COMPOUND INFUSION OF CATECHU.

Recipe take duas two drachmas drams cum with semisse half (a dram) Extracti of the Extract Catēchu of Catechu ; dimidiām half drachmam a dram Corticis of the Bark Cinnamōmi of Cinnamon contūsi bruised ; Aquæ ferventis of boiling Water dimidiūm half octariūm a pint ;



*Macëra macerate per for horam an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM CINCHŌNÆ.

#### INFUSION OF CINCHONA.

*Recīpe take dimidiām half uncīam an ounce Corticis of Bark lancifoliæ of lance-leaved Cinchona contūsi bruised; dimidiūm half octariūm a pint ferventis of boiling Aquæ Water;*

*Macëra macerate per for duas two horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM CUSPARIÆ.

#### INFUSION OF CUSPARIA.

*Recīpe take duas two drachmas drams Corticis of the Bark Cuspariæ of Cusparia contūsi bruised; Aquæ ferventis of boiling Water dimidiūm half octariūm a pint;*

*Macëra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM DIGITĀLIS.

#### INFUSION OF DIGITALIS.

*Recīpe take drachmam a dram exsiccatorum of the dried Foliōrum Leaves Digitālis of Digitalis; dimidiūm half octariūm a pint Aquæ ferventis of boiling Water;*



*Macera macerate per for quātūor four horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain; tum then adjice add dimidiā half fluidunciā a fluidounce Spiritūs of the Spirit Cinnamōmi of Cinnamon.*

### INFŪSUM GENTIĀNÆ COMPOSITUM.

#### COMPOUND INFUSION OF GENTIAN.

*Recipe take Radicis of the Root Gentianæ of Gentian concisæ sliced, exsiccāti of the dried Corticis Rind Aurantii of Orange, singulōrum of each drachmam a dram; recentis of the fresh Corticis Rind Limōnum of Lemons duas two drachmas drams; Aquæ ferventis of boiling Water duōdēcim twelve fluidunciās fluid ounces;*

*Macera macerate per for horam an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM LINI.

#### INFUSION OF LINSEED.

*Recipe take unciam an ounce Seminum of the Seeds usitatissimi of common Lini Flax contusōrum bruised; dimidiā half unciam an ounce Radicis of the Root Glycyrrhizæ of Liquorice concisæ sliced; duos two octarios pints Aquæ ferventis of boiling Water;*

*Macera macerate per for horas quatūor four hours, prope near ignem the fire, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*



## INFŪSUM QUASSIÆ.

## INFUSION OF QUASSIA.

Recipe take scrupulum a scruple Ligni of the Wood Quassiæ of Quassia concīsi cut; dimīdium half octarium a pint Aquæ ferventis of boiling Water ;

Macëra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM RHĒI.

## INFUSION OF RHUBARB.

Recipe take drachmam a dram Radīcis of the Root Rhēi of Rhubarb concīsæ sliced ; dimīdium half octarium a pint Aquæ ferventis of boiling Water ;

Macëra macerate per for duas two horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM ROSÆ.

## INFUSION OF THE ROSE.

Recipe take dimīdīam half uncīam an ounce Petalōrum of the Petals Gallicæ of the French Rosæ Rose [red Rose] exsiccatorum dried ; duos two octarios pints cum with semisse half (a pint) Aquæ ferventis of boiling Water ; tres three fluidrachmas fluid drams dilūti of diluted sulphurici



*sulphuric Acīdi Acid* ; *unciam an ounce cum with semisse half (an ounce) purificāti of purified Sacchāri Sugar* ;

*Superinfunde pour Aquam the Water Petālis on the Petals Rosæ of the Rose in vitrēo in a glass vāse vessel* ; *dein then immisce mix in Acīdum the Acid, et and macēra macerate per for dimīdīam half horam an hour. Denīque lastly, cola strain liquōrem the liquor, que and adjice add ei to it Sacchārum the Sugar.*

### INFŪSUM SENNÆ.

#### INFUSION OF SENNA.

*Recipe take unciam an ounce cum with semisse half (an ounce) Foliōrum of the Leaves Sennæ of Senna; drachmam a dram Radīcis of the Root Zingibēris of Ginger concīsæ sliced* ; *octarīum a pint Aquæ ferventis of boiling Water* ;

*Macēra macerate per for horam an hour in vāse in a vessel levītēr lightly clauso covered, et and cola strain liquōrem the liquor.*

### INFŪSUM SIMAROŪBÆ.

#### INFUSION OF SIMAROUBA.

*Recipe take dimīdīam half drachmam a dram contūsi of bruised Corticis Bark Simarōūbæ of Simarouba; dimīdīum half octarīum a pint Aquæ ferventis of boiling Water* ;



*Macëra macerate per for duas two horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM TABĀCI.

#### INFUSION OF TOBACCO.

*Recīpe take drachmam a dram Foliōrum of the Leaves Tabāci of Tobacco, octarĭum a pint Aquæ ferventis of boiling Water ;*

*Macëra macerate per for horam an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### MUCILAGĪNES.

#### MUCILAGES.

#### MUCILĀGO ACACĪÆ.

#### MUCILAGE OF ACACIA.

*Recīpe take quātūor four uncĭas ounces Gummi of the Gum Acacĭæ of Acacia contrĭti bruised ; dimĭdĭum half octarĭum a pint Aquæ ferventis of boiling Water ;*

*Tere rub Gummi the Gum cum with Aquâ the Water instillâtâ dropped in paulātīm gradually,*



*donec until abeat it changes in mucilaginem into a mucilage.*

### MUCILAGO AMŸLI.

#### MUCILAGE OF STARCH.

*Recipe take tres three drachmas drams AmŸli of Starch ; octarium a pint Aquæ of Water ;*

*Tere rub AmŸlum the Starch cum with Aquâ the Water instillâtâ dropped in paulâtim gradually ; dein then coque boil donec until abeat it changes in mucilaginem into a mucilage.*

## DECOCTA.

### DECOCTIONS.

#### DECOCTUM ALÖËS COMPOSITUM.

##### COMPOUND DECOCTION OF ALOËS.

*Recipe take Extracti of the Extract Glycyrrhizæ of Liquorice semunciam half an ounce ; Subcarbonâtis of the Subcarbonate Potassæ of Potass duos two scrûpûlos scruples ; Extracti of the Extract spicâtæ of spiked Alöës Aloes contrîti bruised ; Myrrhæ of Myrrh contrîtæ bruised ; Stigmätum of the Stigmata Croci of Saffron, singûlörum of each drachmam a dram ; Aquæ of Water octarium a pint.*

*Decöque boil down ad to duödëcim twelve fluid-uncias fluid ounces, et and cola strain ; tum then*



adjice *add composītæ of the compound Tinctūræ Tincture Cardamōni of Cardamom quātūor four fluiduncias fluid ounces.*

### DECOCTUM CINCHŌNÆ.

#### DECOCTION OF CINCHONA.

Recipe *take unciam an ounce Corticis of the Bark lancifoliæ of lance-leaved Cinchōnæ Cinchona contūsi bruised ; octarium a pint Aquæ of Water ;*

Coque *boil per for sextam the sixth partem part horæ of an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain liquōrem the liquor adhuc whilst calentem hot.*

### DECOCTUM CYDONĬÆ.

#### DECOCTION OF QUINCE (SEEDS).

Recipe *take duas two drachmas drams Semīnum of the Seeds Cydoniæ of the Quince ; octarium a pint Aquæ of Water ;*

Coque *boil lento with a slow igne fire per for sextam the sixth partem part horæ of an hour ; dein then cola strain.*

### DECOCTUM DULCAMĀRÆ.

#### DECOCTION OF BITTER SWEET.\*

Recipe *take unciam an ounce Caulis of the Stalk Dulcamāræ of Woody Night Shade, octarium a*

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\* Woody Night Shade.



*pint cum with semisse half (a pint) Aquæ of Water ;*

*Decoque boil down ad to octarium a pint et and cola strain.*

### DECOCTUM HORDĒI.

#### DECOCTION OF BARLEY.

*Recipe take duas two uncias ounces Seminum of the Seeds Hordĕi of Barley ; quattuor four octarios pints cum with semisse half (a pint) Aquæ of Water ;*

*Primum first ablue wash away alienas the extraneous res substances adhærentes adhering Seminibus to the Seeds Hordĕi of the Barley frigidâ (in) cold Aquâ Water ; deinde then, dimidio half octario a pint aquæ of water affuso being poured thereon, coque boil Semina the Seeds paulisper a little while. Hâc this aquâ water abjectâ being thrown away, superinfunde pour thereto quod that which est is reliquum left, (prius first fervefactum made hot) ; tum then decoque boil down ad to duos two octarios pints, et and cola strain.*

### DECOCTUM HORDĒI COMPOSITUM.

#### COMPOUND DECOCTION OF BARLEY.

*Recipe take duos two octarios pints Decocti of the Decoction Hordĕi of Barley ; duas two uncias ounces Fructus of the Fruit Caricæ of Figs concisi sliced ; dimidiam half unciam an ounce Radicis of the Root Glycyrrhizæ of Liquorice concisæ sliced et and contusæ bruised ; duas two uncias ounces passarum of dried Uvarum Grapes [Raisins], acinis the stones demptis being taken away ; octarium a pint Aquæ of Water ;*



*Decoque boil down ad to duos two octarios pints, et and cola strain*

### DECOCTUM LICHĒNIS.

#### DECOCTION OF ICELAND MOSS.

*Recipe take unciam an ounce Lichēnis of Iceland Moss ; octarium a pint Aquæ of Water cum with semisse half (a pint) ;*

*Decoque boil down ad to octarium a pint, et and cola strain.*

### DECOCTUM MALVÆ COMPOSITUM.

#### COMPOUND DECOCTION OF THE MALLOW.

*Recipe take unciam an ounce exsiccātæ of dried Malvæ Mallows ; dimidiā half unciam an ounce exsiccatorum of the dried Flōrum Flowers Anthemidis of Chamomile ; octarium a pint Aquæ of Water ;*

*Coque boil per for quartam the fourth partem part horæ of an hour, et and cola strain.*

### DECOCTUM PAPAVERIS.

#### DECOCTION OF POPPIES.

*Recipe take quātūor four uncias ounces Capsulārum of the Capsules Papaveris of the Poppy concisārum sliced ; quātūor four octarios pints Aquæ of Water ;*

*Coque boil per for quartam the fourth partem part horæ of an hour, et and cola strain.*



## DECOCTUM QUERCÛS.

## DECOCTION OF OAK (BARK.)

Recipe take unciā *an ounce* Corticis *of the Bark* Quercûs *of Oak* ; duos *two* octarios *pints* Aquæ *of Water* ;

Decoque *boil ad to* octarium *a pint*, et *and* cola *strain*.

## DECOCTUM SARSAPÄRILLÆ.

## DECOCTION OF SARSAPARILLA.

Recipe take quātūor *four* uncias *ounces* Radicis *of the Root* Sarsäpäřillæ *of Sarsaparilla* concisæ *cut* ; quātūor *four* octarios *pints* Aquæ *ferventis* *of boiling Water* ;

Macera *macerate per for* quātūor *four* horas *hours*, in vāse *in a vessel* clauso *covered* lēvītēr *lightly* prope *near* ignem *the fire* ; dein *then* exīme *take out* radīcem *the root* Sarsäpäřillæ *of Sarsaparilla* et *and* contunde *bruise (it)* ; redde *return (it)* contūsam *(when) bruised* liquōri *to the liquor*, et *and* macera *macerate* itērum *again* sīmīli *in the* like modo *manner* per *for* duas *two* horas *hours*, dein *then* decoque *boil down ad to* duos *two* octarios *pints*, et *and* cola *strain*.

## DECOCTUM SARSÄPÄRILLÆ COMPOSITUM.

## COMPOUND DECOCTION OF SARSAPARILLA.

Recipe take Decocti *of the Decoction* Sarsäpäřillæ *of Sarsaparilla* *ferventis* *boiling* quātūor *four* octarios *pints* ; Radicis *of the root* Sassafras *of Sassafras* concisæ *cut* ; Ligni *of the Wood* Guaiäci *of Guaiacum* rāsi *shaved* ; Radicis *of the* root Glycyrrhizæ *of Liquorice* contusæ *bruised*,



singulōrum of each unciā an ounce ; Corticis of the bark Radicis of the Root Mezerēi of Mezereon tres three drachmas drams ;

Decōque boil down per for quartam the fourth partem part horæ of an hour et and cola strain.

#### DECOCTUM SENĖGÆ.

##### DECOCTION OF SENEGA.

Recipe take unciā an ounce Radicis of the Root SenĖgæ of Senega ; duos two octariōs pints Aquæ of Water ;

Decōque boil down ad to octariū a pint, et and cola strain.

#### DECOCTUM ULMI.

##### DECOCTION OF ELM (BARK.)

Recipe take quātūor four uncias ounces recentis of fresh Corticis Bark Ulmi of the Elm contūsi bruised ; quātūor four octariōs pints Aquæ of Water ;

Decōque boil down ad to duos two octariōs pints, et and cola strain.

#### DECOCTUM VERĀTRI.

##### DECOCTION OF (WHITE) HELLEBORE.

Recipe take unciā an ounce Radicis of the root Verātri of (white) Hellebore contrītæ bruised ; duos two octariōs pints Aquæ of Water ; duas two fluiduncias fluidounces rectificāti of rectified Spiritūs Spirit ;

Decōque boil down Radicem the Root Verātri of Hellebore ex Aquâ from the [whole quantity of] Water ad to octariū a pint, et and cola strain ; tum then, postquam after refrixerit it shall have cooled, adjice add Spiritum the Spirit.



## EXTRACTA.

## EXTRACTS.

In præparandis *in preparing* omnibus *all* Extractis *extracts*, consūme *evaporate* humōrem *the moisture* quamprīmum *as soon as possible* balnēo aquōso *in a water bath*, in patinā *in a plate*, donec *until* idōnea *a proper* crassitūdo *thickness* fiat *is made* ad *to* fingendas *form* pilūlas *pills*, et *and* sub *towards* finem *the end* move *stir* assidue *constantly* spathā *with a rod*.

Insperge *sprinkle* upon omnibus *all* mollioribus *the softer* Extractis *Extracts* paululum *a little* rectificāti *of rectified* Spiritūs *Spirit*.

## EXTRACTUM ACONITI.

## EXTRACT OF ACONITE.

Recipe *take* libram *a pound* Foliōrum recentium *of fresh leaves* Aconiti *of Aconite*;

Contunde *bruise* [them] in mortārio lapidēo *in a stone mortar*, insperso *sprinkled* exiguo *with a little* aquæ *water*; dein *then* exprime *express* succum *the juice*, que *and* consūme *evaporate* eum *it* non *not* defēcātum *strained*, [i. e. *without straining*] donec *until* habēat *it* acquirere *idōneam* a proper crassitūdinem *consistence*.



## EXTRACTUM ALÖES PURIFICATUM.

*PURIFIED EXTRACT OF ALOES.*

Recipe take Extracti of Extract Alöes spicatæ of  
*spiked Aloës contritibruised dimidium half libram*  
*a pound ; Aquæ ferventis of boiling Water*  
*quatuor four octarios pints ;*

Macera macerate per for triduum three days  
*leni calore with a gentle heat ; dein then cola*  
*strain, et and sepone set aside ut that fæces the*  
*dregs subsident may subside. Effunde pour off*  
*defæctum the strained liquorem liquor, et and*  
*consume evaporate donec until habeat it acquire*  
*idoneam a proper crassitudinem consistence.*

## EXTRACTUM ANTHEMIDIS.

*EXTRACT OF CHAMOMILE.*

Recipe take Florum exsiccatorum of dried Flowers  
 Anthemidis of Chamomile libram a pound ;  
 Aquæ of Water congiūm a gallon ;

Decoque boil down ad to quatuor four octarios  
*pints, et and cola strain liquorem the liquor*  
*adhuc whilst calentem hot ; denique lastly, consume*  
*evaporate eum it donec until habeat it acquire*  
*idoneam a proper crassitudinem consistence.*

## EXTRACTUM BELLADONNÆ.

*EXTRACT OF BELLADONNA.*

Recipe take libram a pound Foliōrum recentium  
 of fresh Leaves Belladonnæ of Belladonna  
 [deadly Night-shade] ;



Contunde bruise [*them*] in mortārio lapīdēo in a stone mortar, insperso sprinkled exīguo with a little aquæ water; dein then exprīme express succum the juice, que and consūme evaporate eum it, non not defēcātum strained [i. e. without straining], donec until habēat it acquire idōnēam a proper crassitūdīnem consistence.

## EXTRACTUM CINCHONÆ

## EXTRACT OF CINCHONA.

Recīpe take lībram a pound Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contūsi bruised; congīum a gallon Aquæ of Water;

Decōque boil down ad to sex six octarīos pints, et and cola strain liquōrem the liquor adhuc whilst calentem hot. Eōdem in the same modo manner decōque boil down ex from pari the like mensūrā measure Aquæ of Water quater four times, et and cola strain. Denīque lastly, consūme evaporate liquōres omnes all the liquors mistos mixed in unum into one, donec until habēant they acquire idōnēam a proper crassitūdīnem consistence.

Hoc this Extractum Extract debet ought servārī to be kept MOLLE soft, quod which sit may be aptum fit ad fingendas to form pilūlas pills, et and DURUM hard, quod which possit may teri be rubbed in pulvērē into a powder.



## EXTRACTUM CINCHONÆ RESINOSUM.

*RESINOUS EXTRACT OF CINCHONA.*

Recipe take libram a pound Corticis of the Bark Cinchonæ lancifoliæ of lance-leaved Cinchona ; quatuor four octarios pints Spiritûs rectificati of rectified Spirit ;

Macera macerate per for quatuor four dies days, et and cola strain. Distillet tinctura let the tincture distil aquoso balneo in a water bath, donec until habeat it acquire idoneam a proper crassitudinem consistence.

## EXTRACTUM COLOCYNTHIDIS.

*EXTRACT OF COLOCYNTH.*

Recipe take libram a pound Pulpæ of the Pulp Colocynthidis of Colocynth ; congiûm a gallon Aquæ of Water ;

Decoque boil down ad to quatuor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consume evaporate eum it donec until habeat it acquire idoneam a proper crassitudinem consistence.

EXTRACTUM COLOCYNTHIDIS  
COMPOSITUM.*COMPOUND EXTRACT OF COLOCYNTH.*

Recipe take sex six drachmas drams Pulpæ of the Pulp Colocynthidis of Colocynth concisæ sliced ;



unciam *an ounce* cum *with* semisse *half* (*an ounce*) Extracti *of the Extract* Alōēs spicātæ *of spiked Aloes* contrīti *powdered*; dimidiā *half* unciam *an ounce* Gummi-resinæ *of the Gum-resin* Scammonæ *of Scammony* contrītæ *powdered*; drachmam *a dram* Seminum *of the Seeds* Cardāmomi *of Cardamom* contritōrum *powdered*; libram *a pound* Spiritūs tenuiōris *of proof Spirit*;

Macēra *macerate* Pulpam *the Pulp* Colocynthidis *of the Colocynth* in Spiritu *in the Spirit* leni calōre *with a gentle heat*, per *for* quatrīdūm *four days*. Cola *strain* liquōrem *the liquor*, que *and* adjice *add* Alōēn *the Aloe* et *and* Scammonēam *Scammony* ei *to it*; dein *then* consūme *evaporate* Spiritum *the Spirit*, donec *until* habēat *it acquire* idōnēam *a proper* crassitūdinem *consistence*, et *and*, sub *towards* finem *the end*, admisce *mix in* Semina *the Seeds* Cardāmomi *of Cardamom*.

## EXTRACTUM CONII.

### EXTRACT OF HEMLOCK.

Recīpe *take* libram *a pound* Conii recentis *of fresh Hemlock*;

Contunde *bruise* in mortārio lapīdēo *in a stone mortar*, insperso *sprinkled* exīguo *with a little* aquæ *water*; dein *then* exprīme *express* succum *the juice* que *and* consūme *evaporate* eum *it* non *not* defēcātum *strained* [*i. e. without straining*]; donec *until* habēat *it acquire* idōnēam *a proper* crassitūdinem *consistence*.



## EXTRACTUM ELATĒRII.

## EXTRACT OF ELATERIUM.

Scinde cut Poma matūra the ripe Fruit Elaterii of wild Cucumber, et and cōla strain succum the juice levissimè lightly expressum expressed per through tenuissimum a very fine cribrum setacēum hair sieve in vas vitreū into a glass vessel; deinde then sepōne set aside per for aliquot some horas hours, donec until crassior the thicker pars part subsederit shall have subsided. Supernātante the supernatant tenuiōre thinner parte part rejectâ being rejected, exsicca dry crassiōrem the thicker partem part leni calōre with a gentle heat.

## EXTRACTUM GENTIĀNÆ.

## EXTRACT OF GENTIAN.

Recipe take libram a pound Radicis of the Root Gentianæ of Gentian concisæ sliced; congium a gallon Aquæ ferventis of boiling Water;

Macera macerate per for viginti twenty quattuor four horas hours; tum then decoque boil down ad to quattuor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot; denique lastly, consume evaporate eum it donec until habeat it acquire idonēam a proper crassitudinem consistence.

## EXTRACTUM GLYCYRRHIZÆ.

## EXTRACT OF LIQUORICE.

Recipe take libram a pound Radicis of the Root Glycyrrhizæ of Liquorice concisæ sliced; congium a gallon Aquæ ferventis of boiling Water;



*Macera macerate per for viginti twenty quatŭor four horas hours ; tum then decŏque boil down ad to quatŭor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consŭme evaporate eum it, donec until habeat it acquire idŏnĕam a proper crassitudinem consistence.*

### EXTRACTUM HÆMATOXŸLI.

#### EXTRACT OF LOGWOOD.

*Recipe take libram a pound Ligni of the Wood Hæmatoxŷli of Hæmatoxylon [Logwood] ; congĭum a gallon Aquæ ferventis of boiling Water ;*

*Macera macerate per for viginti twenty quatŭor four horas hours ; tum then decŏque boil down ad to quatŭor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consŭme evaporate eum it, donec until habeat it acquire idŏnĕam a proper crassitudinem consistence.*

### EXTRACTUM HUMŬLI.

#### EXTRACT OF THE HOP.

*Recipe take quatŭor four uncias ounces Strobilŏrum\* of the Strobiles Humŭli of the Hop ; congĭum a gallon Aquæ of Water ;*

*Decŏque boil down ad to quatŭor four octarios pints, et and cola strain liquorem the liquor adhuc*

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\* *Strobilus* signifies an *Artichoke*, which the flower of the Hop resembles in structure — whence the name.



*whilst calentem hot ; denique lastly, consūme evaporate eum it donec until habēat it acquire idōnēam a proper crassitūdinem consistence.*

### EXTRACTUM HYOSCYĂMI.

#### EXTRACT OF HENBANE.

*Recipe take libram a pound Foliōrum recentium of fresh Leaves Hyoscyămi of Henbane ;*

*Contunde bruise (them) in mortario lapidēo in a stone mortar, insperso sprinkled exīgūo with a little aquæ water ; dein then exprime express succum the juice, que and consūme evaporate eum it non not defēcātum strained [i. e. without straining], donec until habēat it acquire idōnēam a proper crassitūdinem consistence.*

### EXTRACTUM JALĂPÆ.

#### EXTRACT OF JALAP.

*Recipe take libram a pound Radicis of the Root Jalăpæ of Jalap contrītæ powdered ; quatuor four octarios pints Spiritūs rectificāti of rectified Spirit ; decem ten octarios pints Aquæ of Water ;*

*Macera macerate Radicem the Root Jalăpæ of Jalap in Spiritu in the Spirit per for quatrīdūm four days, et and effunde pour off tinctūram the tincture. Decōque boil down residūm the residue ex Aquâ from the [whole quantity of] Water ad to duos two octarios pints. Dein then cola strain tinctūram the tincture et and decoctum*



*decoction separātīm separately ; et and hoc consumātur let this [the decoction] be evaporated ; illa distillet let that [the tincture] be distilled donec until utrumque each spissescat become thick. Postrēmò lastly, misce mix et and consūme evaporate Extractum the Extract cum with Resinâ the Resin, donec until habēat it acquire idōneam a proper crassitūdīnem consistence.*

*Hoc this Extractum Extract servētur should be kept MOLLE soft, quod which sit may be aptum fit ad fingendas to form pilūlas pills, et and DURUM hard, quod which possit may be teri rubbed in pulvĕrem into a powder.*

## EXTRACTUM OPĪI.

### EXTRACT OF OPIUM.

*Recīpe take dimīdiām half libram a pound Opīi of Opium concīsi sliced ; tres three octariōs pints Aquæ of Water ;*

*Adjice add exigūum a little aquæ water Opīo to the Opium, et and macĕra macerate per for duōdĕcim twelve horas hours, ut that mollescat it may grow soft ; tum then, rĕliquâ the remaining Aquâ Water instillâtâ being dropped in paulātīm gradually, tere rub (them) donec until miscĕantur they are mixed quām optīmè very well, et and sepōne set aside, ut that fæces the dregs subsīdant may subside ; dein then cola strain liquōrem the liquor, et and consūme evaporate donec until habēat it acquire idōneam a proper crassitūdīnem consistence.*



## EXTRACTUM PAPAVERIS.

## EXTRACT OF POPPY.

Recipe take libram a pound Capsulārum of Capsules Papavēris of the Poppy contusārum bruised, exemptis seminibus being deprived of the Seeds ; congiūm a gallon Aquæ ferventis of boiling Water ;

Macēra macerate per for viginti twenty quatuor four horas hours ; tum then decoque boil down ad to quatuor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consūme evaporate eum it donec until habēat it acquire idōnēam a proper crassitudīnem consistence.

## EXTRACTUM RHĒI.

## EXTRACT OF RHUBARB.

Recipe take libram a pound Radicis of the Root Rhēi of Rhubarb contrītæ powdered ; octariūm a pint Spiritūs tenuiōris of proof Spirit ; septem seven octarios pints Aquæ of Water ;

Macēra macerate per for quatrīdūm four days leni calōre with a gentle heat ; dein then cola strain, et and sepōne set aside, ut that fæces the dregs subsīdant may subside. Effunde pour off liquorem the liquor, que and consūme evaporate eum it defēcātum (when) strained, donec until habēat it acquire idōnēam a proper crassitudīnem consistence.



## EXTRACTUM SARSAPARILLÆ.

## EXTRACT OF SARSAPARILLA.

Recipe take libram a pound Radicis of the Root Sarsaparillæ of Sarsaparilla concisæ sliced ; congiūm a gallon Aquæ ferventis of boiling Water ;

Macera macerate per for viginti twenty quātūr four horas hours ; tum then decoque boil down ad to quātūr four octarios pints, et and cola strain liquōrem the liquor adhuc whilst calentem hot ; denique lastly, consūme evaporate eum it, donec until habēat it acquire idōnēam a proper crassitūdīnem consistence.

## EXTRACTUM TARAXĀCI.

## EXTRACT OF DANDELION.

Recipe take libram a pound Radicis recentis of fresh Root Taraxāci of Dandelion contūsæ bruised ; congiūm a gallon Aquæ ferventis of boiling Water ;

Macera macerate per for viginti twenty quatūr four horas hours ; tum then decoque boil down ad to quatūr four octarios pints, et and cola strain liquōrem the liquor adhuc whilst calentem hot ; denique lastly, consūme evaporate eum it, donec until habēat it acquire idōnēam a proper crassitūdīnem consistence.



## MISTŪRÆ.

## MIXTURES.

## MISTŪRA AMMONIĂCI.

## MIXTURE OF (GUM) AMMONIAC.

*Recipe take duas two drachmas drams Ammoniăci of (Gum) Ammoniac ; dimidium half octarium a pint Aquæ of Water ;*

*Tere rub Ammoniăcum the Ammoniac cum with Aquâ the Water instillâtâ dropped in paulâtim gradually, donec until miscĕantur they are mixed quàm optimè very well [as well as possible].*

## MISTŪRA AMYGDĂLĂRUM.

## MIXTURE OF ALMONDS.

*Recipe take duas two uncias ounces Confectiōnis of the Confection Amygdalărum of Almonds ; octarium a pint Aquæ distillatæ of distilled Water ;*

*Adjice add Aquam the Water Confectiōni to the Confection Amygdalărum of Almonds paulâtim gradually inter terendum whilst it is rubbing, donec until miscĕantur they are mixed ; dein then cola strain.*



## MISTŪRA ASSAFŒTIDÆ.

## MIXTURE OF ASSAFŒTIDA.

Recipe take duas two drachmas drams Assafoetidæ of Assafoetida ; dimidium half octarium a pint Aquæ of Water ;

Tere rub Assafoetidam the Assafoetida cum with Aquâ the Water instillâtâ dropped in paulatim gradually, donec until miscëantur they are mixed quàm optimè very well [as well as possible].

## MISTŪRA CAMPHORÆ.

## MIXTURE OF CAMPHOR.

Recipe take dimidiam half drachmam a dram Camphoræ of Camphor ; decem ten minims Spiritûs rectificati of rectified Spirit ; octarium a pint Aquæ of Water ;

Tere rub Camphoram the Camphor primùm first cum with Spiritu the Spirit, deinde then cum with Aquâ the Water instillâtâ dropped in paulatim gradually, et and cola strain.

## MISTŪRA CORNU USTI.

## MIXTURE OF BURNT (HARTS') HORN.

Recipe take duas two uncias ounces Cornū us-tōrum of burnt (Harts') Horns ; unciam an ounce Acaciæ Gummi of Gum Acacia contriti powdered ; tres three octarios pints Aquæ of Water ;



*Decoque boil down ad to duos two octarios pints, movens stirring assidue constantly; tum then cola strain.*

### MISTŪRA CRETÆ.

#### MIXTURE OF CHALK.

*Recipe take dimidiā half unciam an ounce Cretæ præparatæ of prepared Chalk; tres three drachmas drams Sacchāri purificāti of purified Sugar; dimidiā half unciam an ounce Acaciæ Gummi of Gum Acacia contrīti powdered; octarium a pint Aquæ of Water;*

*Misce mix.*

### MISTŪRA FERRI COMPOSITA.

#### COMPOUND MIXTURE OF IRON.

*Recipe take drachmam a dram Myrrhæ of Myrrh contrītæ powdered; viginti twenty quinque five grana grains Subcarbonātis of the Subcarbonate Potassæ of Potass; septem seven fluiduncias fluidounces cum with semisse half (an oz.) Aquæ Rosæ of Rose Water; scrupulum a scruple Sulphātis of Sulphate Ferri of Iron contrītæ powdered; dimidiā half fluidunciam a fluid ounce Spiritūs of Spirit Myristicæ of Nutmeg; drachmam a dram Sacchāri purificāti of purified Sugar;*

*Tere rub simul together Myrrham the Myrrh cum with Subcarbonāte the Subcarbonate Potassæ of Potass et and Sacchāro Sugar, que and his to*



*these, dum whilst conteruntur they are being triturated, adjice add primū first Aquam the Water Rosæ of the Rose, et and Spiritum the Spirit Myristicæ of Nutmeg, postrēmo [and] lastly Sulphātem the Sulphate Ferri of Iron. Immitte put mistūram the mixture statim immediately in into idōnēum a proper vas vitrēum glass vessel, que and obtura stop id it.*

The sulphuric Acid of the Sulphate of Iron having a greater affinity for the Potass of the Subcarbonate than for the Iron, unites with it, forming a *Sulphate of Potass* in solution; whilst the carbonic Acid of the Subcarbonate, thus set free, unites with the Iron, forming a *Subcarbonate of Iron*, which is held mechanically in solution by the Myrrh.

This mixture should be kept excluded from the air, otherwise the Iron will rapidly absorb Oxygen; it is best, therefore, to make it when required to be used, and should be sent out in draughts. It may not be improper to remark, that any medicines containing substances speedily affected by the atmosphere, are best sent in this form.

### MISTŪRA GUAIĀCI.

#### MIXTURE OF GUAJACUM.

*Recipe take drachmam a dram cum with semisse half (a dram) Gummi-resinæ of the Gum-resin Guaiāci of Guaiacum; duas two drachmas drams Sacchāri purificāti of purified Sugar; duas two fluidrachmas fluid drams Mucilaginis of the Mucilage Acāciæ Gummi of Gum Acacia; octo eight fluiduncias fluid ounces Aquæ of the Water Cinnamōmi of Cinnamon;*



*Tere rub Guaiăcum the Guaiacum cum with Sacchăro the Sugar, deinde then cum with Mucilagine the Mucilage, que and his to these, dum whilst conteruntur they are being rubbed, adjice add Aquam the Water Cinnamōmi of Cinnamon paulatim gradually.*

### MISTŪRA MOSCHI.

#### MIXTURE OF MUSK.

*Recipe take Moschi of Musk, Acăciăe Gummi of Gum Acacia contriti powdered, Sacchări purificati of purified Sugar, singulōrum of each drachmam a dram ; Aquă Rosăe of Rose Water sex six fluiduncias fluidounces ;*

*Tere rub Moschum the Musk cum with Sacchăro the Sugar, deinde then cum with Gummi the Gum, Aquă the Water Rosăe of the Rose instillatâ being dropped in paulatim gradually.*

## SPIRITUS.

### SPIRITS.

#### ALCŌHOL.

*Recipe take congiūm a gallon Spiritûs rectificati of rectified Spirit ; tres three libras pounds Subcarbonatis of the Subcarbonate Potassæ of Potass ;*



*Injice throw in libram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass, (prius first calefactam heated ad to trecentesimum the 300th gradum degree), Spiritūi to the Spirit, et and macera macerate per for viginti twenty quatuor four horas hours, movens stirring sæpius frequently; tum then Spiritūi to the Spirit, [when] effuso poured off, adjice add Subcarbonātis Potassæ of the Subcarbonate of Potass quod that which est is reliquum left, calefactum heated ad to eundem the same gradum degree; denique lastly, balneo aquoso with a water bath, distillet Alcohol let the Alcohol distil, quod which est is servandum to be kept in vase in a vessel obturato stopped.*

*Specificum the specific pondus weight Alcoholis of Alcohol est is ad to pondus specificum the specific weight Aquæ distillatæ of distilled Water, ut as .815 ad to 1.000 [octingentæ 800 et and quindecim 15 (partes æquales equal parts sunt are) ad to mille 1000 (of the like equal parts).]*

The water contained in the rectified spirit having a greater affinity for the Alkali than for the Alcohol, unites with it, and remains in the retort whilst the Alcohol is brought over by the distillation.

### SPIRITUS AMMONIÆ.

### SPIRIT OF AMMONIA.

*Recipe take tres three octarios pints Spiritūs tenuioris of proof Spirit; quatuor four uncias ounces Muriātis of the Muriate Ammoniæ of Ammonia;*



*sex six uncias ounces Subcarbonātis of the Subcarbonate Potassæ of Potass.*

*Misce mix, et and distillet let there distil octarius a pint cum with semisse half [a pint] lento igne with a slow fire in receptaculum into a receiver frigefactum made cool.*

The Ammonia of the Muriate being set free by the Potass, which has the greater affinity for the Muriatic Acid, (as has already been shown), unites with the Alcohol, and is brought over by the distillation.

### SPIRĪTUS AMMONIÆ AROMATICUS.

#### AROMATIC SPIRIT OF AMMONIA.

*Recipe take Corticis of Bark Cinnamōmi of Cinnamon contūsi bruised, Caryophyllōrum of Cloves contusōrum bruised, singulōrum of each duas two drachmas drams ; quatūor four uncias ounces Corticis of the Peel Limōnum of Lemons; dimidiā half libram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass ; quinque five uncias ounces Muriātis of the Muriate Ammonia ; quatūor four octarios pints Spirītūs rectificāti of rectified Spirit ; congiūm a gallon Aquæ of Water ;*

*Misce mix et and distillent let there distil sex six octarii pints.*

In addition to the former process, the Spirit here takes up the aromatic properties of the Spices ordered.



## SPIRĪTUS AMMONIÆ FÆTĪDUS.

## FÆTID SPIRIT OF AMMONIA.

Recipe take duos two octarios pints Spiritus of the Spirit Ammoniae of Ammonia ; duas two uncias ounces Assafoetidae of Assafoetida ;

Macera macerate per for duodecim twelve horas hours, tum then lento igne with a slow fire distillet octarius let a pint distil cum with semisse half (a pint) in receptaculum into a receiver frigefactum made cool.

## SPIRĪTUS AMMONIÆ SUCCINATUS.

## SUCCINATED SPIRIT OF AMMONIA.

Recipe take tres three drachmas drams Mastiches of Mastich : novem nine fluidrachmas fluid drams Spiritus rectificati of rectified Spirit ; quatuordecim fourteen minima minims Olei of the Oil Lavandulae of Lavender ; quatuor four minima minims Olei of the Oil Succini of Amber ; decem ten fluiduncias fluid ounces Liquoris of the Liquor Ammoniae of Ammonia ;

Macera macerate Mastichen the Mastich in Spiritu in the Spirit, ut that liquetur it may be dissolved, et and effunde pour off tincturam defecatam the clear tincture ; tum then adjice add caetera the other [ingredients] et and agita shake omnia the whole simul together.



## SPIRĪTUS ANISI.

## SPIRIT OF ANISEED.

*Recipe take dimidiā half libram a pound Seminum of the Seeds Anisi of Anise contusōrum bruised ; congiū a gallon Spiritūs tenuioris of proof Spirit ; quod that which sit may be satis sufficient Aquæ of Water ad to prohibendum prevent empyreūma empyreuma ;*

*Macera macerate per for viginti twenty quatuor four horas hours ; tum then congius distillet let a gallon distil lento igne with a slow fire.*

## SPIRĪTUS ARMORACIÆ COMPOSITUS.

## COMPOUND SPIRIT OF HORSERADISH.

*Recipe take Radicis recentis of the fresh Root Armoraciæ of Horseradish concisæ sliced, Corticis exsiccāti of the dried Peel Aurantii of Orange, singulōrum of each libram a pound ; Myristicæ Nucleōrum of Nutmegs contusōrum bruised dimidiā half unciam an ounce ; Spiritūs tenuioris of proof Spirit congiū a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;*

*Macera macerate per for viginti quatuor twenty-four horas hours ; tum then distillet congius let a gallon distil lento igne with a slow fire.*



## SPIRĪTUS CAMPHŌRÆ.

## SPIRIT OF CAMPHOR.

Recīpe *take* quatūor *four* uncias *ounces* Camphŏræ *of Camphor* ; duos *two* octarios *pints* Spirītūs *rectificāti of rectified Spirit* ;

Misce *mix*, ut *that* Camphŏra *the Camphor* liquētur *may be dissolved*.

## SPIRĪTUS CARŪI.

## SPIRIT OF CARRAWAY.

Recīpe *take* Semīnum *of the Seeds* Carŭi *of Carraway* contusōrum *bruised* libram *a pound* cum *with* semisse *half (a pound)* ; Spirītūs tenuīoris *of proof Spirit* congīum *a gallon* ; Aquæ *of Water* quod *that* which sit *may be* satis *sufficient* ad prohibendum *to prevent* empyreūma *empyreuma* ;

Macēra *macerate* per *for* viginti quatūor *twenty-four* horas *hours* ; tum *then* distillet congīus *let a gallon* distil lento igne *with a slow fire*.

## SPIRĪTUS CINNAMŌMI.

## SPIRIT OF CINNAMON.

Recīpe *take* libram *a pound* Corticis *of the Bark* Cinnamōmi *of Cinnamon* contūsi *bruised* ; congīum *a gallon* Spirītūs tenuīoris *of proof Spirit* ; quod *that* which sit *may be* satis *sufficient* Aquæ



*of Water* ad prohibendum *to prevent* empyreūma  
empyreuma;

*Macera macerate per for viginti quatūor twenty-four horas hours; tum then distillet congius let a gallon distil lento igne with a slow fire.*

### SPIRĪTUS JUNIPĒRI COMPOSĪTUS.

#### COMPOUND SPIRIT OF JUNIPER.

*Recipe take Baccarum of Berries Junipēri of Juniper contusarum bruised libram a pound; Seminum of Seeds Carui of Carraway contusorum bruised, Seminum of the Seeds Fœniculi of Fennel contusorum bruised, singulorum of each unciam an ounce, cum with semisse half (an ounce); Spiritus tenuioris of proof Spirit congium a gallon; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma;*

*Macera macerate per for viginti quatūor twenty-four horas hours; tum then distillet congius let a gallon distil lento igne with a slow fire.*

### SPIRĪTUS LAVANDŪLÆ.

#### SPIRIT OF LAVENDER.

*Recipe take duas two libras pounds Florum recentium of fresh Flowers Lavandulæ of Lavender; congium a gallon Spiritus rectificati of rectified Spirit; quod that which sit may be satis sufficient Aquæ of Water ad to prohibendum prevent empyreūma empyreuma;*



*Macera macerate per for viginti quatūor twenty-four horas hours ; tum then distillet congius let a gallon distil lento igne with a slow fire.*

### SPIRĪTUS LAVANDŪLÆ COMPOSITUS.

#### COMPOUND SPIRIT OF LAVENDER.

*Recipe take Spiritûs of Spirit Lavandulæ of Lavender tres three octarios pints ; Spiritûs of Spirit Rosmarini of Rosemary octarium a pint ; Corticis of Bark Cinnamomi of Cinnamon contûsi bruised, Myristicæ Nucleorum of Nutmegs contusorum bruised, singulorum of each dimidiā half unciam an ounce ; Pterocarpi Ligni of red Saunders Wood concisi sliced unciam an ounce ;*

*Macera macerate per for quatuordēcim fourteen dies days, et and cola strain.*

### SPIRĪTUS MENTHÆ PIPERITÆ.

#### SPIRIT OF PEPPERMINT.

*Recipe take Menthæ piperitæ of peppermint exsiccātæ dried libram a pound cum with semisse half (a pound) ; Spiritûs tenuioris of proof Spirit congiū a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;*

*Macera macerate per for viginti quatūor twenty-four horas hours ; tum then distillet congius let a gallon distil lento igne with a slow fire.*



## SPIRĪTUS MENTHÆ VIRĪDIS.

## SPIRIT OF SPEARMINT.

Recipe take *Menthæ viridis* of *Spearmint* exsiccatæ dried *libram* a pound, cum with *semisse* half (a pound) ; *Spirītūs tenuioris* of proof *Spirit* *congiūm* a gallon ; *Aquæ* of *Water* quod that which sit may be satis sufficient ad prohibendum to prevent *empyreūma empyreuma* ;

*Macēra* macerate per for *viginti quatuor* twenty-four *horas* hours ; tum then *congius* distillet let a gallon distil *lento igne* with a slow fire.

## SPIRĪTUS MYRISTICÆ.

## SPIRIT OF NUTMEG.

Recipe take *Myristicæ Nucleōrum* of *Nutmegs* *contusōrum* bruised *unciās duas* two ounces ; *Spirītūs tenuioris* of proof *Spirit* *congiūm* a gallon ; *Aquæ* of *Water* quod that which sit may be satis sufficient ad prohibendum to prevent *empyreūma empyreuma* ;

*Macēra* macerate per for *viginti quatuor* twenty-four *horas* hours ; tum then distillet *congius* let a gallon distil *lento igne* with a slow fire.

## SPIRĪTUS PIMENTÆ.

## SPIRIT OF PIMENTA.

Recipe take *Baccārum* of *Berries* *Pimentæ* of *Pimenta* *contusārum* bruised *duas* two *unciās* ounces ; *Spirītūs tenuioris* of proof *Spirit* con-



gĭum a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;

Macĕra macerate per for viginti quatŭor twenty-four horas hours ; tum then lento igne with a slow fire distillet congĭus let a gallon distil.

### SPIRĪTUS PULEGĪI.

#### SPIRIT OF PENNYROYAL.

Recĭpe take Pulegĭi of Pennyroyal exsiccāti dried libram a pound, cum with semisse half (a pound) ; Spirĭtŭs tenuĭoris of proof Spirit congĭum a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;

Macĕra macerate per for viginti quatŭor twenty-four horas hours ; tum then distillet congĭus let a gallon distil lento igne with a slow fire.

### SPIRĪTUS ROSMARINI.

#### SPIRIT OF ROSEMARY.

Recĭpe take Cacumĭnum recentĭum of fresh Tops Rosmarĭni of Rosemary duas two libras pounds ; Spirĭtŭs rectificāti of rectified Spirit congĭum a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;

Macĕra macerate per for viginti quatŭor twenty-four horas hours ; tum then distillet congĭus let a gallon distil lento igne with a slow fire.



## TINCTURÆ. TINCTURES.

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Omnes *all* TINCTURÆ *Tinctures* debent *ought* præparâri *to be prepared* in vasis vitrëis *in glass vessels* clausis *stopped (close)*, et *and* agitâri *to be shaken* sæpiùs *often* inter *whilst* macerandum *mac-*  
*cerating.*

### TINCTŪRA ALÖES.

#### TINCTURE OF ALOES.

Recipe *take* Extracti *of Extract* Alöes spicatæ *of*  
*spiked Aloes* contriti *powdered* dimidiâ *half*  
unciâ *an ounce*; Extracti *of Extract* Glycyrr-  
hizæ *of Liquorice* unciâ *an ounce* cum *with*  
semisse *half (an ounce)*; Aquæ *of Water* octa-  
rium *a pint*; Spiritûs rectificati *of rectified*  
*Spirit* quatuor *four* fluiduncias *fluid ounces*;

Macëra *macerate* balnëo *in a bath* arënæ *of*  
*sand*, donec *until* Extracta *the Extracts* liquentur  
*are dissolved*; tum *then* cola *strain*.

### TINCTŪRA ALÖES COMPOSITA.

#### COMPOUND TINCTURE OF ALOES.

Recipe *take* Extracti *of Extract* Alöes spicatæ *of*  
*spiked Aloes* contriti *powdered*, Stigmätum  
*of Stigmata Croci* of Saffron, singulorum *of*



*each tres three uncias ounces ; Tincturæ of Tincture Myrrhæ of Myrrh duos two octarios pints ;*

*Macera macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTURA ASSAFŒTIDÆ.

## TINCTURE OF ASSAFŒTIDA.

*Recipe take quatŕor four uncias ounces AssafŒtidæ of Assafœtida ; duos two octarios pints Spiritûs rectificati of rectified Spirit ;*

*Macera macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA AURANTII.

## TINCTURE OF ORANGE (PEEL).

*Recipe take Corticis recentis of fresh Peel Aurantii of Orange tres three uncias ounces ; Spiritûs tenuioris of proof Spirit duos two octarios pints ;*

*Macera macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA BENZŒINI COMPOSITA.

## COMPOUND TINCTURE OF BENJAMIN.

*Recipe take tres three uncias ounces Benzœini of Benzoin ; duas two uncias ounces Balsami of Balsam Styracis of Styrax colati strained ; unciam an ounce Balsami of Balsam Tolutani of Tolu ;*



unciam dimidiam *half an ounce* Extracti of *Extract* Alōēs spicātæ of *spiked Aloes*; duos two octarios *pints* Spiritūs rectificāti of *rectified Spirit*;

Macēra *macerate per for* quatuordēcim *fourteen* dies *days*, et *and* cola *strain*.

### TINCTURA CALUMBÆ.

#### TINCTURE OF CALUMBA.

Recīpe *take* duas two uncias *ounces* cum with semisse *half (an ounce)* Radicis of the *Root* Calumbæ of *Calumba* concisæ *sliced*; duos two octarios *pints* Spiritūs tenuioris of *proof Spirit*;

Macēra *macerate per for* quatuordēcim *fourteen* dies *days*, et *and* cola *strain*.

### TINCTURA CAMPHORÆ COMPOSITA.

#### COMPOUND TINCTURE OF CAMPHOR.

Recīpe *take* Camphoræ of *Camphor* duos two scrupulos *scruples*; duri Opīi of *hard Opium* contriti *powdered*, Acīdi Benzoīci of *Benzoic Acid*, singulōrum of *each* drachmam a *dram*; Spiritūs tenuioris of *proof Spirit* duos two octarios *pints*;

Macēra *macerate per for* quatuordēcim *fourteen* dies *days*, et *and* cola *strain*.



## TINCTŪRA CAPSĪCI.

## TINCTURE OF CAPSICUM.

Recīpe take unciām an ounce Baccārum of the Berries Capsīci of Capsicum ; duos two octariōs pints Spiritūs tenuioris of proof Spirit ;

Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.

## TINCTŪRA CARDAMŌMI.

## TINCTURE OF CARDAMOM.

Recīpe take unciās tres three ounces Semīnum of Seeds Cardamōmi of Cardamom contusōrum bruised ; octariōs duos two pints Spiritūs tenuioris of proof Spirit ;

Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.

## TINCTŪRA CARDAMŌMI COMPOSITA.

## COMPOUND TINCTURE OF CARDAMOM.

Recīpe take Semīnum of Seeds Cardamōmi of Cardamom, Semīnum of Seeds Carūi of Carraway, Cocci and of Cochineal, singulōrum of each contritōrum bruised duas two drachmas drams ; Corticis of Bark Cinnamōmi of Cinnamon contūsi bruised dimidiām half unciām an ounce ; passārum of dried Uvārum grapes [raisins], acīnis the stones demptis being taken out, quatuor four unciās ounces ; Spiritūs tenuioris of proof Spirit duos two octariōs pints ;



*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

TINCTÛRA CASCÄRILLÆ.

TINCTURE OF CASCARILLA.

*Recipe take Corticis of Bark Cascärillæ of Casca-  
rilla contriti powdered quatŭor four uncias  
ounces ; Spiritûs tenuioris of proof Spirit duos  
two octarios pints ;*

*Macëra macerate per for quatuordëcim fourteen  
dies days, et and cola strain.*

TINCTÛRA CASTORËI.

TINCTURE OF CASTOR.

*Recipe take duas two uncias ounces Castorëi of  
Castor contriti powdered ; Spiritûs rectificati of  
rectified Spirit duos two octarios pints ;*

*Macëra macerate per for septem seven dies days,  
et and cola strain.*

TINCTÛRA CATËCHU.

TINCTURE OF CATECHU.

*Recipe take uncias tres three ounces Extracti of the  
Extract Catëchu of Catechu ; uncias duas two  
ounces Corticis of the Bark Cinnamōmi of Cinna-  
mon contūsi bruised ; duos two octarios pints  
Spiritûs tenuioris of proof Spirit ;*

*Macëra macerate per for quatuordëcim fourteen  
dies days, et and cola strain.*



## TINCTŪRA CINCHŌNÆ.

## TINCTURE OF CINCHONA (BARK).

Recipe take Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contriti powdered septem seven uncias ounces ; Spiritûs tenuioris of proof Spirit duos two octarios pints ;

Macera macerate per for quatuordëcim fourteen dies days, et and cola strain.

## TINCTŪRA CINCHŌNÆ AMMONIATA.

## AMMONIATED TINCTURE OF CINCHONA (BARK).

Recipe take Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contriti powdered quatŭor four uncias ounces ; Spiritûs aromatici of aromatic Spirit Ammoniæ of Ammonia duos two octarios pints ;

Macera macerate per for decem ten dies days, et and cola strain.

## TINCTŪRA CINCHŌNÆ COMPOSITA.

## COMPOUND TINCTURE OF CINCHONA (BARK.)

Recipe take Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contriti powdered duas two uncias ounces ; Corticis of the Peel Aurantii of Orange exsiccāti dried unciam an ounce cum with semisse half (an oz.) ; Serpentariæ



*Radīcis of Serpentry Root contūsæ bruised tres three drachmas drams ; Stigmātum of the Stigmata Croci of Saffron drachmam a dram ; Cocci of Cochineal contrīti powdered duos two scrupulos scruples ; Spiritūs tenuioris of proof Spirit viginti twenty fluiduncias fluid ounces ;*

*Macēra macerate per for quatuordēcim fourteen dies days et and cola strain.*

### TINCTŪRA CINNAMŌMI.

#### TINCTURE OF CINNAMON.

*Recīpe take Cortīcis of Bark Cinnamōmi of Cinnamon contūsi bruised tres three uncias ounces ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;*

*Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.*

### TINCTŪRA CINNAMŌMI COMPOSĪTA.

#### COMPOUND TINCTURE OF CINNAMON.

*Recīpe take Cortīcis of Bark Cinnamōmi of Cinnamon contūsi bruised sex six drachmas drams ; Semīnum of Seeds Cardamōmi of Cardamom contusōrum bruised tres three drachmas drams ; Fructūs of the Fruit Pipēris longi of long Pepper contrīti powdered, Radīcis of root Zingibēris of Ginger concīsæ sliced, singulōrum of each duas two drachmas drams ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;*

*Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.*



## TINCTŪRA DIGITALIS.

## TINCTURE OF DIGITALIS.

Recipe take Foliōrum of Leaves Digitālis of the Foxglove exsiccatorum dried quatuor four uncias ounces ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;

Macera macerate per for quatuordēcim fourteen dies days, et and cola strain.

## TINCTŪRA GENTIĀNÆ COMPOSITA.

## COMPOUND TINCTURE OF GENTIAN.

Recipe take Radicis of the Root Gentianæ of Gentian concisæ sliced duas two uncias ounces ; Corticis of the Peel Aurantii of Orange exsiccāti dried unciam an ounce ; Seminum of Seeds Cardamomi of Cardamom contusorum bruised dimidiam half unciam an ounce ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;

Macera macerate per for quatuordēcim fourteen dies days leni calore with a gentle heat, et and cola strain.

## TINCTŪRA GUAIACI.

## TINCTURE OF GUAIAACUM.

Recipe take Gummi-resinæ of the Gum-resin Guaiaci of Guaicum contritæ powdered libram dimidiam half a pound ; Spiritūs rectificāti of rectified Spirit octarios duos two pints ;



*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA GUAIĂCI AMMONIATA.

#### AMMONIATED TINCTURE OF GUAIAECUM.

*Reciĭpe take Gummi-resinæ of the Gum-resin Guaiăci of Guaicum contritæ powdered uncias quatŭor four ounces; Spiritŭs aromatici of aromatic Spirit Ammonię of Ammonia octariŭm a pint cum with semisse half (a pint);*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA HELLEBÖRI NIGRI.

#### TINCTURE OF BLACK HELLEBORE.

*Reciĭpe take Radicis of Root Helleböri nigri of black Hellebore concisæ sliced quatŭor four uncias ounces; Spiritŭs tenuioris of proof Spirit duos two octarios pints;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA HUMŪLI.

#### TINCTURE OF HOP.

*Reciĭpe take Strobilŏrum\* of the Strobiles Humŭli of the Hop quinque five uncias ounces; Spiritŭs tenuioris of proof Spirit duos two octarios pints;*

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\* See Note page 105.



*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA HYOSCYĂMI.

## TINCTURE OF HENBANE.

*Recipe take Foliōrum of Leaves Hyoscyămi of Henbane exsiccatorum dried quatŭor four uncias ounces ; Spiritŭs tenuioris of proof Spirit duos two octarios pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA JALĂPÆ.

## TINCTURE OF JALAP.

*Recipe take Radicis of the Root Jalăpæ of Jalap contritæ powdered octo eight uncias ounces ; Spiritŭs tenuioris of proof Spirit duos two octarios pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, leni calōre with a gentle heat, et and cola strain.*

## TINCTŪRA KINO.

## TINCTURE OF KINO.

*Recipe take Kīno of Kino contriti powdered tres three uncias ounces ; Spiritŭs tenuioris of proof Spirit duos two octarios pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*



## TINCTURA LYTTÆ.

## TINCTURE OF LYTTA.

Recipe take Lyttæ of Lytta contūsæ bruised tres  
three drachmas drams; Spiritūs tenuioris of  
proof Spirit duos two octarios pints;

Macëra macerate per for quatuordëcim fourteen  
dies days, et and cola strain.

## TINCTURÆ MYRRHÆ.

## TINCTURE OF MYRRH.

Recipe take Myrrhæ of Myrrh contūsæ bruised  
quatûor four uncias ounces; Spiritūs rectificati  
of rectified Spirit duos two octarios pints; Aquæ  
of Water octarium a pint;

Macëra macerate per for quatuordëcim fourteen  
dies days, et and cola strain.

## TINCTURA OPII.

## TINCTURE OF OPIUM.

Recipe take Opii duri of hard Opium contriti  
powdered duas two uncias ounces cum with se-  
misse half (an oz.); Spiritūs tenuioris of proof  
Spirit duos two octarios pints;

Macëra macerate per for quatuordëcim fourteen  
dies days, et and cola strain.



## TINCTŪRA RHĒI.

## TINCTURE OF RHUBARB.

Recipe take Radīcis of the Root Rhēi of Rhubarb concīsæ sliced duas two uncias ounces ; Semīnum of Seeds Cardamōmi of Cardamom contūsōrum bruised dimidiām half unciam an ounce ; Stigmātum of the Stigmata Croci of Saffron duas two drachmas drams ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;

Macēra macerate per for quatuordēcim fourteen dies days leni calōre with a gentle heat, et and cola strain.

## TINCTŪRA RHĒI COMPOSITA.

## COMPOUND TINCTURE OF RHUBARB.

Recipe take Radīcis of the Root Rhēi of Rhubarb concīsæ sliced uncias duas two ounces ; Radīcis of Root Glycyrrhizæ of Liquorice contūsæ bruised unciam dimidiām half an ounce ; Radīcis of Root Zingibēris of Ginger concīsæ sliced, Stigmātum of the Stigmata Croci of Saffron, singulōrum of each duas two drachmas drams ; Spiritūs tenuioris of proof Spirit octarium a pint ; Aquæ of Water duodēcim twelve fluid-uncias fluid ounces ;

Macēra macerate per for dies quatūordēcim fourteen days leni calōre with a gentle heat, et and cola strain.



## TINCTURÆ SCILLÆ.

## TINCTURE OF SQUILL.

Recipe take Radicis of Root Scillæ of Squill recens newly exsiccatae dried quatuor four uncias ounces ; Spiritûs tenuioris of proof Spirit duas two octarios pints ;

Macera macerate per for dies quatuordëcim fourteen days, et and cola strain.

## TINCTURA SENNÆ.

## TINCTURE OF SENNA.

Recipe take Foliõrum of Leaves Sennæ of Senna uncias tres three ounces ; Seminum of Seeds Carui of Carraway contusõrum bruised drachmas tres three drams ; Seminum of Seeds Cardamomi of Cardamom contusõrum bruised drachmam a dram ; Uvãrum passãrum of dried Grapes [Raisins], acinis the stones demtis being taken out, uncias quatuor four ounces ; Spiritûs tenuioris of proof Spirit octarios duos, two pints ;

Macera macerate per for quatuordëcim fourteen dies days leni calore with a gentle heat, et and cola strain.

## TINCTURA SERPENTARIÆ.

## TINCTURE OF SERPENTARY.

Recipe take Radicis of the Root Serpentariæ of Serpentary uncias tres three ounces ; Spiritûs



*tenuioris of proof Spirit octarios duos two pints ;*

*Macera macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA VALERIĀNÆ.

#### TINCTURE OF VALERIAN.

*Recipe take Radicis of the Root Valeriānæ of Valerian uncias quatŭor four ounces, Spiritûs tenuioris of Proof Spirit octarios duos two pints ;*

*Macera macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA VALERIĀNÆ AMMONIĀTA.

#### AMMONIATED TINCTURE OF VALERIAN.

*Recipe take Radicis of the Root Valeriānæ of Valerian uncias quatŭor four ounces ; Spiritûs aromatici of aromatic Spirit Ammoniæ of Ammonia octarios duos two pints ;*

*Macera macerate per for dies quatuordëcim fourteen days, et and cola strain.*

### TINCTŪRA ZINGIBĒRIS.

#### TINCTURE OF GINGER.

*Recipe take Radicis of the Root Zingibĕris of Ginger concisæ sliced uncias duas two ounces ;*



*Spirītūs tenuioris of proof Spirit octarios duos two pints ;*

*Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.*

## ÆTHERĒA.

### PREPARATIONS OF ÆTHER.

#### ÆTHER SULPHURĪCUS.

##### SULPHURIC ÆTHER.

*Recīpe take Spirītūs rectificāti of rectified Spirit, Acīdi sulphurīci (and) of sulphuric Acid, singulōrum of each pondēre by weight libram a pound cum with semisse half (a pound) ;*

*Infunde pour Spiritum the Spirit retortæ vitræe to a glass retort, que and adjice add Acīdum the Acid ei to it paulātim gradually, sæpiūs frequently agītans shaking (it), et and cavenstaking care ne lest calor the heat excedat should exceed centesimū the hundred vigesimū (and) twentieth gradum degree, donec until miscēantur they are mixed. Dein then impōne place (them) cautē cautiously in arēnam in sand, priūs first calefactam heated ad to ducentesimū the two hundredth gradum degree, ut that liquor the liquor ebulliāt may boil quām celerrimē as quickly as possible, que and Æther the Æther transēat pass over in tubulātum into a tubulated receptaculum receiver, cui to which recipiens a receiving vas vessel est is apta-*



tum *fitted*, refrigerātum *cooled* glacĭe *with ice* vel or aquâ *water*. Distillet liquor *let the liquor distil*, donec until aliqua *some* gravĭor *heavier* pars *part* incipiat *shall begin* transire *to pass over*, quæ *which* conspicitur *is seen* sub *under* Æthĕre *the Æther* in fundo *at the bottom* receptacŭli *of the receiver*. Liquōri *to the liquor* qui *which* restat *remains* in retortâ *in the retort* rursus *again* affunde *pour* duodĕcim *twelve* uncĭas *ounces* Spirĭtŭs *rectificati* *of rectified Spirit*, ut *that* Æther *the Æther* distillet *may distil* simĭli modo *in a similar manner*.\*

### ÆTHER RECTIFICĀTUS.

#### RECTIFIED ÆTHER.

Recipe *take* quatuordĕcim *fourteen* fluiduncĭas *fluid ounces* Æthĕris *sulphurici* *of sulphuric Æther*; dimidiā *half* uncĭam *an ounce* Potassæ *fusæ* *of fused Potass*; duas *two* fluiduncĭas *fluid ounces* Aquæ *distillatæ* *of distilled Water*;

Primŭm *first* liqua *dissolve* Potassam *the Potass* in Aquâ *in the Water*, que *and* adjĭce *add* Æthĕrem *the Æther* ei *to it*, agĭtans *shaking* assĭduè *assiduously*, donec until miscĕantur *they are mixed*; denĭque *lastly*, calōre *with a heat* circĭter *of about* centesĭmi *the hundred* vigesĭmi *and twentieth* gradŭs *degree*, distillent *let there distil* ex retortâ *from a large retort* in into vas refrigerātum *a cooled vessel* fluiduncĭæ *duodĕcim* *twelve* fluid ounces Æthĕris *rectificati* *of rectified Æther*.

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\* See the remarks in the Preface respecting Æther, and Preparations of Æther.



## OLĒUM ÆTHERĒUM.

Post *after* distillatiōnem *the distillation* Æthēris sulphurici *of sulphuric Æther*, lenito calōre *the heat being decreased*, distillet liquor *let the liquor distil* itērum *again*, donec *until* spūma nigra *a black froth* intamescat *swells up*; tum *then* protinus *immediately* remove remove retortam *the retort* ab igne *from the fire*. Liquōri *to the liquor* qui *which* restat *remains* in retortâ *in the retort*, adjice *add* aquam *water*, ut *that* pars oleosa *the oily part* supernātet *may swim*. Aufer *take off* hanc *this*, que *and* admisce *mix* ei *to it* quantum *as much as* sit *may be* satis *sufficient* Liquōris *of Water* Calcis *of Lime* [*Lime-water*] ad saturandum *to saturate* Acidum *the Acid* quod *which* inest *is present*, et *and* agita *shake* (them) simul *together*. Denique *lastly*, exime *take off* separātum *the separated* ætherĕum *ethereal* olĕum *oil*.

## SPIRĪTUS ÆTHĒRIS AROMATĪCUS.

## AROMATIC SPIRIT OF ÆTHER.

Recipe *take* drachmas tres *three drams* Corticis *of Bark* Cinnamōmi *of Cinnamon* contūsi *bruised*; drachmam *a dram* cum *with* semisse *half (a dram)* Semīnum *of Seeds* Cardamōmi *of Cardamom* contritōrum *powdered*; Fructūs *of Fruit* Pipēris longi *of long Pepper* contrīti *powdered*, Radīcis *of Root* Zingibēris *of Ginger* concisæ *sliced*, singulōrum *of each* drachmam *a dram*; Spiritūs *of Spirit* Æthēris sulphurici *of sulphuric Æther* octarĭum *a pint*;



*Macëra macerate per for quatuordëcim fourteen dies days in vase vitrëo in a glass vessel obturâto stopped, et and cola strain.*

### SPIRĪTUS ÆTHĒRIS NITRĪCI.

#### NITRIC SPIRIT OF ÆTHER.

*Recipe take Spirītūs rectīficāti of rectified Spirit octariōs duos two pints ; Acīdi nītrīci of nitric Acid pondëre by weight uncīas tres three ounces ;*

*Adjice add Acīdum the Acid Spiritūi to the Spirit paulātim gradually, et and misce mix, cavens taking care ne lest calor the heat excedat should exceed centesīmum the hundred (and) vigesīmum twentieth gradum degree ; tum then leni calōre with a gentle heat distillent let distil viginti quatūor twenty-four fluiduncīæ fluid ounces.*

### SPIRĪTUS ÆTHĒRIS SULPHURĪCI.

#### SPIRIT OF SULPHURIC ÆTHER.

*Recipe take Æthēris rectīficāti of rectified Æther octariūm dimidiūm half a pint ; Spirītūs rectīficāti of rectified Spirit octariūm a pint ;*

*Misce mix.*

### SPIRĪTUS ÆTHĒRIS SULPHURĪCI COM- POSITUS.

#### COMPOUND SPIRIT OF SULPHURIC ÆTHER.

*Recipe take Spirītūs of Spirit Æthēris sulphurīci of sulphuric Æther octariūm a pint ; Olēi*



*Ætherēi of Æthereal Oil fluidrachmas duas two fluid drams ;*

*Misce mix.*

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## VINA.

### WINES.

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#### VINUM ALŎËS.

#### WINE OF ALOES.

*Recīpe take Extracti of Extract Alŏēs spicātæ of spiked Aloes uncias octo eight ounces ; Corticis of Bark Canellæ of Canella uncias duas two ounces ; Vini of Wine octarios sex six pints ; Spiritūs tenuioris of proof Spirit octarios duos two pints ;*

*Tere rub Alŏën the Aloe in pulvĕrem into a powder cum with arĕnâ albâ white sand, purgâtâ cleansed sordibus from impurities ; etiam also tere rub Corticem the Bark Canellæ of Canella in pulvĕrem into a powder ; que and his to these mistis mixed inter among se themselves [i. e. together], affunde pour Vinum the Wine et and Spiritum the Spirit. Macĕra macerate per for quatuordĕcim fourteen dies days subinde frequently movens shaking, et and cola strain.*



## VINUM IPECACŪANHÆ.

## WINE OF IPECACUANHA.

Recipe take Radicis of Root Ipecacūanhæ of Ipecacuanha contūsæ bruised uncias duas two ounces ; Vini of Wine octarios duos two pints ;

Macera macerate per for quatuordēcim fourteen dies days, et and cola strain.

## VINUM OPĪI.

## WINE OF OPIUM.

Recipe take Extracti of Extract Opīi of Opium unciam an ounce ; Corticis of Bark Cinnamōmi of Cinnamon contūsi bruised, Caryophyllōrum of Cloves contusōrum bruised, singulōrum of each drachmam a dram ; Vini of Wine octarium a pint ;

Macera macerate per for dies octo eight days, et and cola strain.

## VINUM VERĀTRI.

## WINE OF (WHITE) HELLEBORE

Recipe take Radicis of Root Verātri of white Hellebore concīsæ sliced uncias octo eight ounces ; Vini of Wine octarios duos two pints, cum with semisse half (a pint) ;

Macera macerate per for dies quatuordēcim fourteen days, et and cola strain.



## ACETICÆ.

*PREPARATIONS OF VINEGAR.*

## ACĒTUM COLCHICI.

*VINEGAR OF MEADOW SAFFRON.*

*Recipe take Radicis recentis of fresh Root Colchici of Colchicum concisæ sliced unciam an ounce ; Acidi acetici of acetic Acid octarium a pint ; Spiritûs tenuioris of proof Spirit fluid-unciam a fluid ounce ;*

*Macëra macerate Radicem the Root Colchici of Colchicum cum with Acëto the Acid in vase vitrëo in a glass vessel clauso closed, per for viginti quatuor twenty-four horas hours ; dein then exprime express et and sepone set aside, ut that fæces the dregs subsident may subside ; denique lastly, liquori to the liquor defæcâto strained adjice add Spiritum the Spirit.*

## ACETUM SCILLÆ.

*VINEGAR OF SQUILL.*

*Recipe take Radicis of Root Scillæ of Squill recens fresh exsiccâtæ dried libram a pound ; Acidi acetici of acetic Acid octarios sex six pints ; Spiritûs tenuioris of proof Spirit octarium dimidium half a pint ;*

*Macëra macerate Radicem the Root Scillæ of Squill cum with Acëto the Acid, leni calôre with*



*a gentle heat, in vase vitrēo in a glass vessel clauso closed per for viginti quatūor twenty-four horas hours ; dein then exprime express, et and sepone set aside ut that fæces the dregs subsīdant may subside ; denīque lastly, liquōri defæcāto to the cleared liquor adjice add Spiritum the Spirit.*

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## MELLĪTA.

*PREPARATIONS OF HONEY.*

## MEL DESPUMATUM.

*CLARIFIED HONEY.*

*Liqua dissolve Mel the Honey in balnēo aquōso in a water bath ; tum then aufer take off spumam the scum.*

## MEL BORACIS.

*HONEY OF BORAX.*

*Recīpe take Subborātis of Subborate Sodæ of Soda contrītæ powdered drachmam a dram ; Mellis of Honey despumāti clarified uncīam an ounce ;*

*Misce mix.*

## MEL ROSÆ.

*HONEY OF THE ROSE.*

*Recīpe take Petalōrum of the Petals Rosæ Gallicæ of the French Rose [red rose] exsiccatorum*



*dried uncias quatŭor four ounces ; Aquæ ferventis of boiling Water octarios tres three pints ; Mellis of Honey despumāti clarified libras quinque five pounds ;*

*Macēra macerate Petāla the Petals Rosæ of the Rose in Aquā in the Water per for horas sex six hours ; deinde then adjice add Mel the Honey liquōri colāto to the strained liquor, et and balnēo aquōso in a water bath decōque boil down ad to idōnēam a proper crassitūdinem consistence.*

### OXYMEL SIMPLEX.

#### SIMPLE OXYMEL.

*Recipe take Mellis of Honey despumāti clarified libras duas two pounds ; Acīdi acetici of acetic Acid octarium a pint ;*

*Decōque boil down in vāse vitrēo in a glass vessel, lento igne with a slow fire, ad to idōnēam a proper crassitūdinem consistence.*

### OXYMEL SCILLÆ.

#### OXYMEL OF SQUILL.

*Recipe take Mellis of Honey despumāti clarified libras tres three pounds ; Acēti of Vinegar Scillæ of Squill octarios duos two pints ;*

*Decōque boil down in vāse vitrēo in a glass vessel, lento igne with a slow fire, ad to idōnēam a proper crassitūdinem consistence.*



## SYRŪPI.

## SYRUPS.

*Syrūpi Syrups conserventur should be kept in loco in a place ubi where calor the heat nunquam never excēdat exceeds quinquagesimum the fifty quintum fifth gradum degree.*

## SYRŪPUS ALTHÆÆ.

## SYRUP OF MARSHMALLOWS.

*Recipe take Radicis recentis of fresh Root Althææ of Marshmallows contūsæ bruised libram dimidiā half a pound ; Sacchāri purificāti of purified Sugar libras duas two pounds ; Aquæ of Water octarios quatuor four pints ;*

*Decoque boil down Aquam the Water cum with Radice the Root ad to dimidium half, et and exprime express liquorem frigēfactum the cooled liquor. Sepone set aside per for viginti quatuor twenty-four horas hours, ut that fæces the dregs subsīdant may subside ; tum then effunde pour off liquorem the liquor, atque and, adjecto Sacchāro the Sugar being added, decoque boil down ad to idōnēam crassitudīnem a proper consistence.*

## SYRŪPUS AURANTIŌRUM.

## SYRUP (OF THE PEEL) OF ORANGES.

*Recipe take Corticis recentis of fresh Peel Aurantiŏrum of Oranges uncias duas two*



*ounces ; Aquæ ferventis of boiling Water octarium a pint ; Sacchări purificāti of purified Sugar libras tres three pounds ;*

*Macëra macerate Corticem the Peel in Aquâ in the Water per for horas duodëcim twelve hours, in vase in a vessel levitèr lightly clauso covered ; tum then effunde pour off liquōrem the liquor, que and adjice add ei to it Sacchārum the Sugar.*

### SYRŪPUS CROCI.

#### SYRUP OF SAFFRON.

*Recipe take Stigmätum of Stigmata Croci of Saffron unciam an ounce ; Aquæ ferventis of boiling Water octarium a pint ; Sacchări purificāti of purified Sugar libras duas two pounds cum with semisse half (a pound) ;*

*Macëra macerate Stigmäta the Stigmata Croci of Saffron in Aquâ in the Water, per for horas duodëcim twelve hours, in vāse in a vessel levitèr lightly clauso covered ; dein then cola strain liquōrem the liquor, et and adjice add Sacchārum the Sugar.*

### SYRŪPUS LIMŌNUM.

#### SYRUP OF LEMONS.

*Recipe take Succī of Juice Limōnum of Lemons colāti strained octarium a pint ; Sacchări purificāti of purified Sugar libras duas two pounds ;*



*Liquā dissolve Sacchārum the Sugar in Succo in the Juice Limōnum of Lemons eodem modo in the same manner quo in which præceptum est it is directed de concerning Syrūpo simplici simple Syrup.*

## SYRŪPUS MORI.

## SYRUP OF MULBERRY.

*Recipe take Succī of Juice Mori of Mulberry colāti strained octariū a pint ; Sacchāri purificāti of purified Sugar libras duas two pounds ;*

*Liqua dissolve Sacchārum the Sugar in Succo in the Juice Mori of Mulberry eodem modo in the same manner quo in which præceptum est it is directed de concerning Syrūpo simplici simple Syrup.*

## SYRŪPUS PAPAVERIS.

## SYRUP OF (WHITE) POPPY.

*Recipe take Capsulārum of Capsules Papaveris of (white) Poppy, exsiccātārum dried et and contusārum bruised, exemptis seminibus the seeds being taken away, uncias quatuordēcim fourteen ounces ; Sacchāri purificāti of purified Sugar libras duas two pounds ; Aquæ ferventis of boiling Water congios duos two gallons cum with semisse half (a gallon) ;*

*Macera macerate Capsūlas the Capsules in Aquā in the Water per for viginti quatūor twenty-*



*four horas hours ; tum then balnĕo aquōso in a water bath decōque boil down ad to congiūm a gallon, et and exprĭme express fortĭter strongly. Decōque. boil down Liquōrem colātum the strained Liquor itĕrum again ad to octariōs duos two pints, et and cola strain adhuc whilst ferventem hot. Sepōne set aside per for horas duodĕcim twelve hours, ut that fāces the dregs subsĭdant may subside ; tum then decōque boil down liquōrem defēcātum the clear liquor ad to octariūm a pint, et and adjĭce add Sacchārum the Sugar eōdem modo in the same manner quo in which prāceptum est it is ordered de concerning Syrūpo simplici simple Syrup.*

### SYRŪPUS RHAMNI.

#### SYRUP OF BUCKTHORN.

*Recĭpe take Succĭ recentis of the fresh Juice Baccārum of the Berries Rhamni of Buckthorn octariōs quatūor four pints ; Radĭcis of Root Zingibĕris of Ginger concĭsæ sliced, Baccārum of the Berries Pimentæ of Pimenta contritārum powdered, singulōrum of each uncĭam dimidiā half an ounce ; Sacchāri purificāti of purified Sugar libras tres three pounds cum with semisse half (a pound) ;*

*Sepōne set aside Succum the Juice per for triđūm three days, ut that fāces the dregs subsĭdant may subside, et and cola strain. Adjĭce add Radĭcem the Root Zingibĕris of Ginger et and Baccas the Berries Pimentæ of Pimenta octariō to a pint.*



*Succi of the Juice defæcāti strained ; tum then macēra macerate leni calōre with a gentle heat per for horas quatŭor four hours, et and cola strain ; quod that which est is rēliquum left decoque boil down ad to mensūram the measure octarīi of a pint cum with semisse half (a pint) ; misce mix liquōres the liquores ; et and adjice add Sacchārum the Sugar eōdem modo in the same manner quo in which præceptum est it is ordered de concerning Syrūpo simplici simple Syrup.*

### SYRŪPUS RHOEĀDOS.

#### SYRUP OF THE RED POPPY.

*Recipe take Petalōrum recentium of fresh Petals Rhoeādos of the red Poppy libram a pound ; Aquæ ferventis of boiling Water octarium a pint, cum with fluidunciis duābus two fluid ounces ; Sacchāri purificāti of purified Sugar libras duas two pounds cum with semisse half (a pound) ;*

*Adjice add Petāla the Petals Rhoeādos of the red Poppy paulātim gradually Aquæ to the Water, calefactæ heated balnēo aquōso in a water bath, movens stirring subinde frequently ; tum then, vase the vessel remōto being removed, macēra macerate per for horas duodēcim twelve hours ; dein then exprime express liquōrem the liquor, et and sepōne set aside, ut that fæces the dregs subsīdant may subside ; denīque lastly, adjice add Sacchārum the Sugar, eōdem modo in the same manner quo in which est it is præceptum or-*



dered de concerning Syrūpo simplici simple Syrup.

### SYRŪPUS ROSÆ.

#### SYRUP OF ROSES.

Recipe take Petalōrum of the Petals Rosæ centifoliæ \* of the Damask Rose exsiccatorum dried uncias septem seven ounces ; Sacchāri purificāti of purified Sugar libras sex six pounds ; Aquæ ferventis of boiling Water octarios quatuor four pints ;

Macēra macerate Petāla the Petals Rosæ of the Rose in Aquā in the Water per for horas duodēcim twelve hours, et and cola strain. Consūme evaporate liquōrem colātum the strained liquor balneo aquoso in a water bath ad to octarios duos two pints cum with semisse half (a pint) ; dein then adjice add Sacchārum the Sugar, eodem modo in the same manner quo in which est it is præceptum ordered de concerning Syrūpo simplici simple Syrup.

### SYRŪPUS SENNÆ.

#### SYRUP OF SENNA.

Recipe take Foliōrum of Leaves Sennæ of Senna uncias duas two ounces ; Seminum of Seeds Fœnicūli of Fennel contusōrum bruised unciam an ounce ; Mannæ of Manna uncias tres three ounces ; Sacchāri purificāti of purified Sugar

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\* Centifoliæ, hundred or many-leaved.



*libram a pound ; Aquæ ferventis of boiling Water octarium a pint ;*

*Macëra macerate Folia the Leaves Sennæ of Senna et and Semina the Seeds Fœnicûli of Fennel in Aquâ in the Water, leni calôre with a gentle heat, per for horam an hour. Cola strain liquorem the liquor, et and misce mix cum with hoc this Mannam the Manna et. and Sacchârum the Sugar ; dein then decôque boil down ad to idoneam crassitudinem a proper consistence.*

### SYRŪPUS SIMPLEX.

#### SIMPLE SYRUP.

*Recipe take Sacchâri purificâti of purified Sugar libras duas two pounds cum with semisse half (a pound) ; Aquæ of Water octarium a pint ;*

*Liqua dissolve Sacchârum the Sugar in aquâ in the water balneo aquoso in a water bath ; tum then sepone set aside per for viginti quatuor twenty-four horas horas ; dein then aufer take off spumam the froth, et and effunde pour off liquorem purum the pure liquor à from fœcibus the dregs, si if sint there be quæ any.*

### SYRŪPUS TOLUTĀNUS.

#### SYRUP OF TOLU.

*Recipe take Balsâmi of the Balsam Tolutâni of Tolu unciam an ounce ; Aquæ ferventis of boiling Water octarium a pint ; Sacchâri*



*purificāti of purified Sugar libras duas two pounds ;*

*Coque boil Balsāmum the Balsam in Aquâ in the Water per for horam dimidiā half an hour in vase clauso in a covered vessel, movens stirring subinde frequently, et and cola strain liquōrem refrigerātum the cooled liquor ; dein then adjice add Sacchārum the Sugar, eōdem modo in the same manner quo in which est it is præceptum ordered de concerning Syrūpo simplici simple Syrup.*

### SYRŪPUS ZINGIBĒRIS.

#### SYRUP OF GINGER.

*Recīpe take Radīcis of the Root Zingibēris of Ginger concīsæ sliced uncias duas two ounces ; Aquæ ferventis of boiling Water octariū a pint ; Sacchāri purificāti of purified Sugar libras duas two pounds ;*

*Macēra macerate Radīcem the Root Zingibēris of Ginger in Aquâ in the Water per for horas quatuor four hours, et and cola strain ; dein then adjice add Sacchārum the Sugar, eōdem modo in the same manner quo in which præceptum est it is ordered de concerning Syrūpo simplici simple Syrup.*



## CONFECTIONES.

## CONFECTIONS.

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Si if Confectiones Confections, servatæ kept diu long, indurescant should grow hard, sunt they are humectandæ to be moistened Aquâ with Water, ut that idonæa crassitudo a proper consistence restituatur may be restored.

## CONFECTIO AMYGDALARUM.

## CONFECTION OF ALMONDS.

Recipe take Amygdalarum dulcium of sweet Almonds unciam an ounce ; Acaciæ Gummi of Gum Acacia contriti powdered drachmam a dram ; Sacchari purificati of purified Sugar unciam dimidiam half an ounce ;

Amygdalis the Almonds prius first maceratis being macerated in Aquâ in the Water, que and pelliculis the pellicles [or outer skins] demptis taken away, contunde bruise omnia the whole simul together, donec until sit there be corpus unum one body [i. e. until they become incorporated.]

## CONFECTIO AROMATICA.

## AROMATIC CONFECTION.

Recipe take Corticis of Bark Cinnamomi of Cinnamon, (and) Myristicæ Nucleorum of Nutmegs,



singulōrum of each uncias duas two ounces ;  
 Caryophyllōrum of Cloves unciam an ounce ;  
 Seminum of Seeds Cardamōmi of Cardamom  
 unciam dimidiā half an ounce ; Stigmātum  
 of the Stigmata Croci of Saffron exsiccatorum  
 dried uncias duas two ounces ; Testarum of  
 Shells præparatarum prepared uncias sedecim  
 sixteen ounces ; Sacchāri purificāti of purified  
 Sugar contriti powdered libras duas two pounds ;  
 Aquæ of Water octarīum a pint ;

Tere rub arida the dried [ingredients] simul  
 together in into pulvĕrem subtilissimum a very  
 fine powder ; tum then adjice add Aquam the Wa-  
 ter paulatim gradually, et and misce mix donec  
 until sit there be corpus unum one body [i. e. until  
 they become incorporated.]

### CONFECTIO AURANTIŌRUM.

#### CONFECTION OF ORANGES.

Recipe take recentis of fresh Corticis exteriōris  
 outer rind Aurantiōrum of Oranges, separāti  
 separated radūlā with a grater [i. e. grated]  
 libram a pound ; Sacchāri purificāti of purified  
 Sugar libras tres three pounds ;

Contunde bruise Corticem the Peel, in mortā-  
 rio lapidĕo in a stone mortar, pistillo lignĕo with  
 a wooden pestle ; tum then, adjecto Sacchāro the  
 Sugar being added, contunde bruise itĕrum again,  
 donec until sit there be corpus unum one body  
 [i. e. until they become incorporated.]



## CONFECTIO CASSIÆ.

## CONFECTION OF CASSIA.

Recipe take Pulpæ recentis of the fresh Pulp Cassiæ of Cassia libram dimidiā half a pound ; Mannæ of Manna uncias duas two ounces ; Pulpæ of the Pulp Tamarindi of the Tamarind unciam an ounce ; Syrūpi of Syrup Rosæ of the Rose octarium dimidium half a pint ;

Contunde bruise Mannam the Manna ; tum then, balnĕo aquōso with a water bath, liqua dissolve (it) in Syrūpo in the Syrup ; deinde then admisce mix therewith pulpas the pulps, et and consūme evaporate humōrem the moisture, donec until idoneā crassitūdo a proper consistence fiat be formed.

## CONFECTIO OPĪI.

## CONFECTION OF OPIUM.

Recipe take Opĭi duri of hard Opium contrīti powdered drachmas sex six drams ; Fructūs of the Fruit Pipĕris longi of long Pepper unciam an ounce ; Radicis of Root Zingibĕris of Ginger uncias duas two ounces ; Semĭnum of Seeds Carūi of Carraway uncias tres three ounces ; Syrūpi of Syrup octarium a pint ;

Contĕre rub Opĭum the Opium cum with Syrūpo calefacto the heated Syrup ; tum then adjice add cætĕra the other (ingredients) contrīta powdered, et and misce mix.



## CONFECTIO ROSÆ CANINÆ.

## CONFECTION OF THE DOG ROSE.

Recipe take *Pulpæ* of the *Pulp Rosæ caninæ* of the dog Rose *libram* a pound ; *Sacchări purificāti* of purified Sugar *contrīti* powdered *uncias viginti* twenty ounces ;

*Expōne* expose *Pulpam* the *Pulp* in *balnĕo aquōso* in a water bath, *leni calōre* in a gentle heat ; *tum* then *adjice* add *Sacchārum* the Sugar *paulātim* gradually, *et* and *tere* rub *simul* together *donec* until *sit* there be *corpus unum* one body [i. e. until they become incorporated.]

## CONFECTIO ROSÆ GALLICÆ.\*

## CONFECTION OF THE RED ROSE.

Recipe take *Petalōrum* of the *Petals Rosæ Gallicæ* of the red Rose *nondum* not yet *explicatōrum* unfolded, *abjectis unguibus* the claws being rejected, *libram* a pound ; *Sacchări purificāti* of purified Sugar *libras tres* three pounds ;

*Contunde* bruise *Petāla* the *Petals* in *mortārio lapidĕo* in a stone mortar ; *tum* then, *adjecto Sacchāro* the Sugar being added, *contunde* bruise (them) *iterum* again *donec* until *sit* there be *corpus unum* one body [i. e. until they become incorporated.]

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\* *Rosa Gallica*, French Rose.



## CONFECTIO RUTÆ.

## CONFECTION OF RUE.

Recipe take Foliōrum of the Leaves Rutæ of Rue exsiccatorum dried, Semīnum of Seeds Carui of Carraway, Baccārum of the Berries Lauri of Bay, singulōrum of each unciam an ounce cum with semisse half (an ounce); Sagapēni of Sagapenum unciam dimidiā half an ounce; Fructūs of the Fruit Pipēris nigri of black Pepper drachmas duas two drams; Mellis of Honey despumāti clarified uncias sedēcim sixteen ounces;

Tere rub arida the dry (ingredients) simul together in into pulvĕrem subtilissimum a very fine powder; tum then, adjecto Melle the Honey being added, misce mix omnia all (together.)

## CONFECTIO SCAMMONÆÆ.

## CONFECTION OF SCAMMONY.

Recipe take Gummi-resinæ of the Gum-resin Scammonææ of Scammony contrītæ powdered unciam an ounce cum with semisse half (an ounce); Caryophyllōrum of Cloves contusōrum bruised, Radicis of the Root Zingibēris of Ginger contrītæ powdered, singulōrum of each drachmas sex six drams; Olĕi of Oil Carui of Carraway fluidrachmam dimidiā half a fluid dram; Syrūpi of Syrup Rosæ of the Rose quantum as much as sit may be satis sufficient;



Tere rub arida the dry (ingredients) simul together in into pulvĕrem subtilissimum a very fine powder ; tum then, instillāto Syrūpo the Syrup being dropped in, tere rub (them) rursus again ; dein afterwards, Olĕo the Oil Carui of Carraway adjecto being added, misce mix omnia the whole (together).

## CONFECTIO SENNÆ.

## CONFECTION OF SENNA.

Recipe take Foliōrum of Leaves Sennæ of Senna uncias octo eight ounces ; Fructûs of the Fruit Caricæ of Figs libram a pound ; Pulpæ of the Pulp Tamārindi of the Tamarind, Pulpæ of the Pulp Cassiæ of Cassia, Pulpæ of the Pulp Prunōrum of Prunes, singulōrum of each libram dimidiā half a pound ; Seminum of Seeds Coriandri of Coriander uncias quatuor four ounces ; Radicis of the Root Glycyrrhizæ of Liquorice uncias tres three ounces ; Sacchāri purificāti of purified Sugar libras duas two pounds cum with semisse half (a pound) ;

Tere rub Folia the Leaves Sennæ of Senna cum with Seminibus the Seeds Coriandri of Coriander, et and sepāra separate uncias decem ten ounces pulvĕris misti of the mixed powder cribro with a sieve. Decōque boil down residūum the residue cum with Fructû the Fruit Caricæ of Figs et and Radice the Root Glycyrrhizæ of Liquorice ex from octariis quatuor four pints Aquæ of Water ad to dimidium one half ; deinde then exprime express, et and cola strain. Consūme evaporate Liquōrem



colātum *the strained Liquor* balnĕo aquōso *in a water bath* donec *until* octariŭs *a pint* cum *with* semisse *half (a pint)* restet *remains ex* from toto *the whole*; tum *then*, adjecto Sacchāro *the Sugar* being added, fiat Syrŭpus *let a Syrup be made*. Denique *lastly*, contĕre rub Pulpas *the Pulps* cum *with* Syrŭpo *the Syrup* paulātim *gradually*, et *and*, pulvĕre cribrāto *the sieved powder* injecto *being thrown in*, misce mix omnia *the whole (together)*.

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## PULVĚRES.

## POWDERS.

## PULVIS ALŎĚS COMPOSITUS.

## COMPOUND POWDER OF ALOES.

Recipe take Extracti of *Extract* Alŏĕs spicātæ of *spiked Aloes* uncĭam *an ounce* cum *with* semisse *half (an oz.)*; Gummi-resĭnæ of *Gum-resin* Guaiāci of *Guaiacum* uncĭam *an ounce*; Pulvĕris compositi of *the compound Powder* Cinnamŏmi of *Cinnamon* uncĭam dimidiām *half an ounce*;

Tere rub Extractum *the Extract* Alŏĕs of *Aloes* et *and* Gummi-resĭnam *the Gum-resin* Guaiāci of *Guaiacum* separātim *separately* in pulvĕrem *into a powder*; dein *then* misce mix (them) cum *with* Pulvĕre composito *the compound Powder* Cinnamŏmi of *Cinnamon*.



## PULVIS CINNAMŌMI COMPOSITUS.

## COMPOUND POWDER OF CINNAMON.

Recipe take Corticis of the Bark Cinnamōmi of Cinnamon uncias duas two ounces; Seminum of the Seeds Cardamōmi of Cardamom unciam an ounce cum with semisse half (an oz.) ; Radicis of Root Zingibēris of Ginger unciam an ounce; Fructūs of the Fruit Pipēris longi of long Pepper unciam dimidiā half an ounce;

Tere rub (them) simul together, ut that pulvis subtilissimus a very fine powder fiat may be made.

## PULVIS CONTRAJERVÆ COMPOSITUS.

## COMPOUND POWDER OF CONTRAJERVA.

Recipe take Radicis of the Root Contrajervæ of Contrajerva contritæ powdered uncias quinque five ounces; Testārum præparatārum of prepared Shells libram a pound cum with semisse half (a pound);

Misce mix.

## PULVIS CORNU USTI CUM OPIO.

POWDER OF BURNT (HARTS') HORN  
WITH OPIUM.

Recipe take Opīi duri of hard Opium contriti powdered drachmam a dram; Cornūum of (Harts')



*horns ustōrum burnt et and præparatōrum prepared unciā an ounce ; Cocci of Cochineal contrīti powdered drachmam a dram ;*

*Misce mix.*

### PULVIS CRETÆ COMPOSITUS.

#### COMPOUND POWDER OF CHALK.

*Recipe take Cretæ præparātæ of prepared Chalk libram dimidiā half a pound ; Corticis of Bark Cinnamōmi of Cinnamon unciās quatūor four ounces ; Radicis of the Root Tormentillæ of Tormentil, Gummi of the Gum Acaciæ of Acacia, singulōrum of each unciās tres three ounces ; Fructūs of the Fruit Pipēris longi of long Pepper unciā dimidiā half an ounce ;*

*Tere rub (them) separātim separately in into pulvĕrem subtilissimum a very fine powder ; dein then misce mix.*

### PULVIS CRETÆ COMPOSITUS CUM OPIO.

#### COMPOUND POWDER OF CHALK WITH OPIUM.

*Recipe take Pulvĕris compositi of compound Powder Cretæ of Chalk unciās sex six ounces cum with semisse half (an oz.) ; Opīi duri of hard Opium contrīti powdered scrupūlos quatūor four scruples ;*

*Misce mix.*



## PULVIS IPECACUANHÆ COMPOSITUS.

## COMPOUND POWDER OF IPECACUANHA.

Recipe take Radicis of Root Ipecacuanhæ of Ipecacuanha contrītæ powdered, Opīi duri of hard Opium contrīti powdered, singulōrum of each drachmam a dram ; Sulphātis of Sulphate Potassæ of Potass contrītæ powdered unciam an ounce ;

Misce mix.

## PULVIS KINO COMPOSITUS.

## COMPOUND POWDER OF KINO.

Recipe take drachmas quindēcim fifteen drams Kino of Kino ; Corticis of the Bark Cinnamōmi of Cinnamon unciam dimidiā half an ounce ; Opīi duri of hard Opium drachmam a dram ;

Tere rub (them) separātim separately in into pulvĕrem subtilissimum a very fine powder, dein then misce mix.

## PULVIS SCAMMONĚÆ COMPOSITUS.

## COMPOUND POWDER OF SCAMMONY.

Recipe take Gummi-resinæ of Gum-resin Scammonĕæ of Scammony, Extracti duri of hard Extract Jalāpæ of Jalap, singulōrum of each uncias duas two ounces ; Radicis of Root



*Zingibĕris of Ginger unciām dimidiām half an ounce ;*

*Tere rub (them) separātim separately in into pulvĕrem subtilissimum a very fine powder, dein then misce mix.*

### PULVIS SENNÆ COMPOSITUS.

#### COMPOUND POWDER OF SENNA.

*Recipe take Foliōrum of Leaves Sennæ of Senna, Supertartrātis of Supertartrate Potassæ of Potass, singulōrum of each unciās duas two ounces ; Gummi-resinæ of Gum-resin Scammonĕæ of Scammony unciām dimidiām half an ounce ; Radicis of Root Zingibĕris of Ginger drachmas duas two drams ;*

*Tere rub Gummi-resinam the Gum-resin Scammonĕæ of Scammony per by se itself, cætĕra the others simul together, in into pulvĕrem subtilissimum a very fine powder, tum then misce mix.*

### PULVIS TRAGACANTHÆ COMPOSITUS.

#### COMPOUND POWDER OF TRAGACANTH.

*Recipe take Tragacanthæ of Tragacanth contrītæ powdered, Gummi of the Gum Acaciæ of Acacia contrīti powdered, Amyli of Starch, singulōrum of each unciām an ounce cum with semisse half (an oz.) ; Sacchāri purificāti of purified Sugar unciās tres three ounces ;*



*Tere rub Amylum the Starch et and Sacchārum the Sugar simul together in pulvĕrem into a powder ; tum then, Tragacanthâ the Tragacanth et and Gummi the Gum Acaciæ of Acacia adjectis being added, misce mix omnia all (together).*

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## PILŮLÆ.

### PILLS.

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#### PILŮLÆ ALÖËS COMPOSITÆ.

##### COMPOUND PILLS OF ALOES.

*Recipe take Extracti of Extract Alöës spicātæ of spiked Aloes contrīti powdered unciām an ounce ; Extracti of the Extract Gentiānæ of Gentian unciām dimidiām half an ounce ; Olĕi of the Oil Carui of Carraway minīma quadraginta forty minims ; Syrūpi simplicis of simple Syrup quantum as much as sit may be satis sufficient ;*

*Contunde bruise (them) simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

#### PILŮLÆ ALÖËS CUM MYRRHA.

##### PILLS OF ALOES WITH MYRRH.

*Recipe take Extracti of Extract Alöës spicātæ of spiked Aloes unciās duas two ounces ; Stigmätum*



*of Stigmata Croci of Saffron, Myrrhæ of Myrrh, singulōrum of each uncĭam an ounce; Syrūpi simplicis of simple Syrup quantum as much as sit may be satis sufficient;*

*Tere rub Extractum the Extract Alōēs of Aloes et and Myrrham the Myrrh separātim separately in into pulvērem a powder; tum then contunde pound omnia all simul together, donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŮLÆ CAMBOGĬÆ COMPOSITÆ.

#### COMPOUND PILLS OF CAMBOGE.

*Recipe take Cambogĭæ of Camboge contrītæ powdered, Extracti of Extract Alōēs spicātæ of spiked Aloes contrīti powdered, Pulvēris compositi of the compound Powder Cinnamōmi of Cinnamon, singulōrum of each drachmam a dram; Sapōnis of Soap drachmas duas two drams;*

*Misce mix Pulvēres the Powders inter amongst se themselves (i. e. together); dein then, adjecto Sapōne the Soap being added, contunde pound omnia all simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŮLÆ FERRI COMPOSITÆ.

#### COMPOUND PILLS OF IRON.

*Recipe take Myrrhæ of Myrrh contrītæ powdered drachmas duas two drams; Subcarbonātis of*



*Subcarbonate Sodæ of Soda, Sulphātis of Sulphate Ferri of Iron, Sacchāri of Sugar, singulōrum of each drachmam a dram ;*

*Tere rub Myrrham the Myrrh cum with Subcarbonātis the Subcarbonate Sodæ of Soda ; tum then, Sulphāte the Sulphate Ferri of Iron adjectâ being added, tere triturate (them) itĕrum again ; dein then contunde pound omnia all simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŬLÆ GALBĂNI COMPOSITÆ.

#### COMPOUND PILLS OF GALBANUM.

*Recipe take Gummi-resinæ of Gum-resin Galbăni of Galbanum unciam an ounce ; Myrrhæ of Myrrh, Sagapēni of Sagapenum, singulōrum of each unciam an ounce cum with semisse half (an oz.), Gummi-resinæ of Gum-resin Assafœtidæ of Assafætida unciam dimidiā half an ounce ; Syrūpi simplicis of simple Syrup quantum as much as sit may be satis sufficient ;*

*Contunde pound (them) simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŬLÆ HYDRARGŸRI.

#### PILLS OF MERCURY.

*Recipe take HydrargŸri purificāti of purified Mercury drachmas duas two drams ; Confectionis of Confection Rosæ Gallicæ of Red Rose drachmas*



*tres three drams ; Radicis of Root Glycyrrhizæ of Liquorice contrītæ powdered drachmam a dram ;*

*Tere rub Hydrargyrum the Mercury cum with Confectione the Confection donec until globuli globules conspiciantur are seen non no amplius longer ; deinde then, Radice the Root Glycyrrhizæ of Liquorice adjectâ being added, contunde pound omnia all simul together donec until sit there be corpus unum one body [i. e. until they become incorporated.]*

PILŪLÆ HYDRARGYRI SUBMURIATIS  
COMPOSITÆ.

COMPOUND PILLS OF THE SUBMURIATE  
OF MERCURY.

*Recipe take Submuriātis of Submuriate Hydrargyri of Mercury, Sulphurēti præcipitāti of precipitated Sulphuret Antimonii of Antimony, singulōrum of each drachmam a dram ; Gummi-resinæ of the Gum-resin Guaiaci of Guaiacum contrītæ powdered drachmas duas two drams ;*

*Tere rub Submuriātem the Submuriate Hydrargyri of Mercury cum with Sulphurēto præcipitato the precipitated Sulphuret Antimonii of Antimony, dein then cum with Gummi-resinâ the Gum-resin Guaiaci of Guaiacum, et and adjice add quod that which sit may be satis sufficient Mucilaginis of the Mucilage Acaciæ of Acacia, ut that idōnēa crassitudo a proper consistence fiat may be formed.*



## PILŮLÆ SAPŌNIS CUM OPĪO.

## PILLS OF SOAP WITH OPIUM.

Recipe take Opīi duri of hard Opium contrīti powdered uncīam dimidiā half an ounce ; Sapōnis duri of hard Soap uncias duas two ounces ;

Contunde pound (them) simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].

## PILŮLÆ SCILLÆ COMPOSITÆ.

## COMPOUND PILLS OF SQUILL.

Recipe take Radicis of Root Scillæ of Squill recens fresh exsiccātæ dried et and contrītæ powdered drachmam a dram ; Radicis of Root Zingibēris of Ginger contrītæ powdered, Sapōnis duri of hard Soap, singulōrum of each drachmas tres three drams ; Ammoniāci of Ammoniacum contrīti powdered drachmas duas two drams ;

Misce mix Pulvėres the Powders inter among se themselves (i. e. together) ; deinde then contunde pound (them) cum with Sapōne the Soap, et and adjice add quantum as much as sit may be satis sufficient Syrūpi simplicis of simple Syrup, ut that idōnĕa crassitudo a proper consistence fiat may be formed.



## PRÆPARĀTA EX ANIMALĪBUS.

## PREPARATIONS FROM ANIMALS.

## ADEPS PRÆPARĀTA.

## PREPARED LARD.

Concīde cut Adīpem the Lard in frustūla in small pieces, tum then, liquefactam (when) melted leni igne with a slow fire\*, exprīme express per through lintēum linen.

## CORNU USTUM.

## BURNT (HARTS') HORN.

Ure burn frusta pieces Cornūum of (Hart's) Horns igne aperto in an open fire donec until albescent they become white penītūs thoroughly; deinde then contēre triturate et and præpara prepare (them) eōdem modo in the same manner quo in which præceptum est it is ordered de concerning Cretâ Chalk.

Hartshorn, when burnt, is said to consist of *Phosphate of Lime, Carbonate of Lime*, and a small portion of *Phosphate of Magnesia*; whilst the *Animal matter* is dispersed by the heat employed.

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\* The heat should not exceed 97 degrees, lest the Lard become discoloured.



## SEVUM PRÆPARĀTUM.

## PREPARED SUET.

Concīde *cut* Sevum *the Suet* in into frustūla *small pieces*; tum *then* leni igne *with a gentle fire* exprīme *express* liquefactum *the dissolved* (Suet) per through lintēum *linen*.

## SPONGĪA USTA.

## BURNT SPONGE.

Concīde *cut* Spongiam *the Sponge* in frustūla *in small pieces*, et *and* contunde *bruise* (it), ut *that* separētur *it may be separated* à *from* rebus aliēnis *any things* adhærentibus *adhering thereto*; tum *then* ure *burn* (it) in vase ferrēo *in an iron vessel* clauso *covered*, donec *until* fiat *it become* nigra *black* et *and* friabilis *friable*; denīque *lastly*, tere *rub* (it) in into pulvĕrem *subtilissimum a very fine powder*.

The constituent parts of burnt Sponge appear to be *Carbonate and Phosphate of Lime, Subcarbonate of Soda, Charcoal, and Iodine*.

## TESTÆ PRÆPARĀTÆ.

## PREPARED SHELLS.

Lava wash Testas *the Shells*, priùs *first* purgatas *cleansed* sordibus *from impurities*, aquâ fervente *in boiling water*; tum *then* præpara *prepare* (them) eōdem modo *in the same manner* quo in which præceptum est *it is ordered* de concerning Cretâ *Chalk*.



## EMPLASTRA.

*PLASTERS.*

## EMPLASTRUM AMMONIĂCI.

*PLASTER OF AMMONIACUM.*

Recipe take Ammoniăci purificăti of purified Ammoniac uncias quinque five ounces ; Acidi acetici of acetic Acid octarium dimidium half a pint ;

Liqua dissolve Ammoniăcum the Ammoniac in Aceto in the Vinegar ; dein then consume evaporate liquorem the liquor in vase ferrĕo in an iron vessel, balnĕo aquoso in a water bath ; movens stirring assidue constantly, donec until idonĕa crassitudo a proper consistence fiat is made.

## EMPLASTRUM AMMONIĂCI CUM HYDRARGYRO.

*PLASTER OF AMMONIAC WITH MERCURY.*

Recipe take Ammoniăci purificăti of purified Ammoniac libram a pound ; Hydrargyri purificăti of purified Mercury uncias tres three ounces ; Olĕi sulphurăti of sulphurated Oil fluidrachmam a fluid drachm ;

Tere rub Hydrargyrum the Mercury cum with Oleo sulphurato the sulphurated Oil donec until globuli globules conspiciantur are seen non no



*ampliùs longer; deinde then adjice add paulatim gradually Ammoniācum liquefactum the dissolved Ammoniac, et and misce mix omnia all (together).*

The Mercury becomes oxidized with a *minimum* of Oxygen.

### EMPLASTRUM CERÆ.

#### PLASTER OF WAX.

*Recipe take Ceræ flavæ of yellow Wax, Sevi præparāti of prepared Suet, singulōrum of each libras tres three pounds; Resinæ flavæ of yellow Resin libram a pound;*

*Liquefac dissolve (them) simul together, et and cola strain.*

### EMPLASTRUM CUMINI.

#### PLASTER OF CUMIN (SEEDS).

*Recipe take Semīnum of the Seeds Cumīni of Cumin, Semīnum of the Seeds Carui of Carraway, Baccārum of Berries Lauri of Bay, singulōrum of each uncias tres three ounces; Picis aridæ \* of dried Pitch libras tres three pounds; Ceræ flavæ of yellow Wax uncias tres three ounces;;*

*Adjice add cætēra the other (articles) trita rubbed in pulvĕrem into a powder Pici to the Pitch et and Ceræ Wax, liquefactis melted simul together, et and misce mix.*

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\* Burgundy Pitch.



## EMPLASTRUM GALBĀNI COMPOSITUM.

## COMPOUND PLASTER OF GALBANUM.

Recipe take Gummi-resinæ of the Gum-resin Galbāni of Galbanum purificatæ purified unciās octo eight ounces ; Emplastri of Plaster Plumbi of Lead libras tres three pounds ; Terebinthīnæ vulgāris of common Turpentine drachmas decem ten drams, Resinæ of Resin Abiētis of the Spruce Fir contrītæ powdered unciās tres three ounces ;

Gummi-resinæ to the Gum-resin Galbāni of Galbanum et and Terebinthīnæ the Turpentine, liquefactis melted simul together, adjice add primò first Resinam the Resin Abiētis of the Spruce Fir, deinde then Emplastrum the Plaster Plumbi of Lead, liquefactum melted lento igne with a slow fire, atque and misce mix omnia all (together.)

## EMPLASTRUM HYDRARGŸRI.

## PLASTER OF MERCURY.

Recipe take HydrargŸri purificāti of purified Mercury unciās tres three ounces ; Olēi sulphuratī of sulphurated Oil fluidrachmam a fluid dram ; Emplastri of Plaster Plumbi of Lead libram a pound ;

Tere rub HydrargŸrum the Mercury cum with Olēo sulphuratō the sulphurated Oil donec until globūli globules conspiciantur are seen non no ampliùs longer ; tum then adjice add paulātim gra-



*dually Emplastrum the Plaster Plumbi of Lead liquefactum melted, atque and misce mix omnia all (together.)*

In this plaster the metal is oxidized with a *minimum* of oxygen.

### EMPLASTRUM LYTTÆ.

#### PLASTER OF LYTTA.

*Recipe take Lyttæ of Lytta tritæ rubbed in pulvĕrem subtilissimum into a very fine powder libram a pound ; Emplastri of Plaster Ceræ of Wax libram a pound cum with semisse half (a pound) ; Adĭpis preparatæ of prepared Lard libram a pound ;*

*Emplastro to the Plaster et and Adĭpi Lard, liquefactis dissolved simul together, et and remotis removed ab igne from the fire, paulò a little antĕquàm before concrecant they become solid, insperge sprinkle in Lyttam the Lytta, atque and misce mix omnia all (together.)*

### EMPLASTRUM OPII.

#### PLASTER OF OPIUM.

*Recipe take Opii duri of hard Opium contriti powdered uncĭam dimidiā half an ounce ; Resinæ of Resin Abiētis of the Spruce Fir contritæ powdered uncĭas tres three ounces ; Emplastri of Plaster Plumbi of Lead libram a pound ;*



*Emplastro liquefacto to the dissolved Plaster  
adjuce add Resinam the Resin Abietis of the Spruce  
Fir et and Opium the Opium, et and misce mix.*

### EMPLASTRUM PICIS COMPOSITUM.

#### COMPOUND PLASTER OF PITCH.

*Recipe take Picis aridæ of dried Pitch libras duas  
two pounds ; Resinæ of Resin Abietis of the  
Spruce Fir libram a pound ; Resinæ flavæ of yel-  
low Resin, Ceræ flavæ of yellow Wax, singulorum  
of each uncias quatuor four ounces ; Olæi ex-  
pressi of the expressed Oil Myristicæ of Nutmeg  
unciam an ounce ;*

*Pici to the Pitch, Resinæ Resin, et and Ceræ  
Wax, liquefactis dissolved simul together, adjuce  
add primum first Resinam the Resin Abietis of the  
Spruce Fir, dein then Olæum the Oil Myristicæ of  
Nutmeg, et and misce mix omnia all (together).*

### EMPLASTRUM PLUMBI.

#### PLASTER OF LEAD.

*Recipe take Oxÿdi semivitræi of the semivitreous  
Oxide Plumbi of Lead, triti rubbed in pulvèrem  
subtilissimum into a very fine powder, libras quin-  
que five pounds ; Olæi of Oil Olivæ of Olive con-  
gium a gallon ; Aquæ of Water octarios duos  
two pints ;*

*Coque boil (them) simul together lento igne with  
a slow fire, assidue constantly movens stirring,*



donec *until* Olĕum *the Oil* et *and* Oxŷdum *the Oxide* Plumbi *of Lead* cōĕant *cohere* in crassitudĭnem *into the consistence* Emplastri *of a Plaster*. Autem *but* oportēbit *it will be necessary* adjicere *to add* paululum *a little* Aquæ ferventis *of boiling Water*, si *if* ferè *almost* omnis *all* ea *that* quæ *which* adhibita *est* *is employed* in principiō *in the beginning* fuĕrit *shall have been* absumpta *consumed*, ante *before* finem *the end* coctiōnis *of the boiling*.

### EMPLASTRUM RESINÆ.

#### PLASTER OF RESIN.

Recipe *take* Resinæ flavæ *of yellow Resin* libram dimidiā *half a pound*; Emplastri *of Plaster* Plumbi *of Lead* libras tres *three pounds*;

Emplastro *to the Plaster* Plumbi *of Lead*, liquefacto *dissolved* lento igne *with a slow fire*, adjice *add* Resinam contritam *the powdered Resin*, et *and* misce *mix*.

### EMPLASTRUM SAPŌNIS.

#### PLASTER OF SOAP.

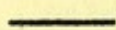
Recipe *take* Sapōnis duri *of hard Soap* concīsi *sliced* libram dimidiā *half a pound*; Emplastri *of Plaster* Plumbi *of Lead* libras tres *three pounds*;

Emplastro liquefacto *to the melted Plaster* admisce *mix* Sapōnem *the Soap*; tum *then* decoque *boil down* ad *to* idōneā crassitudĭnem *a proper consistence*.



## CERĀTA.

## CERATES.



## CERĀTUM SIMPLEX.

## SIMPLE CERATE.

Recipe take Olēi of Oil Olīvæ of Olive fluiduncias quatŭor four fluid ounces ; Ceræ flavæ of yellow Wax uncias quatŭor four ounces ;

Adjice add Olĕum the Oil Ceræ liquefactæ to the melted Wax, et and misce mix.

## CERĀTUM CALAMINÆ.

## CERATE OF CALAMINE.

Recipe take Calaminæ præparatæ of prepared Calamine, Ceræ flavæ of yellow Wax, singulŏrum of each libram dimidiā half a pound ; Olēi of Oil Olīvæ of Olive octariū a pint ;

Misce mix Olĕum the Oil cum with Cerâ liquefactâ the melted Wax ; tum then remove remove (them) ab from igne the fire, et and, ubi when primū first lentescant they begin to thicken, adjice add Calaminam the Calamine, et and assidūè constantly move stir, donec until refrixerint they shall have cooled.



## CERĀTUM CETACĒI.

## CERATE OF SPERMACETI.

Recipe take Cetacēi of Spermaceti unciā dimīdidiam half an ounce ; Ceræ albæ of white Wax unciās duas two ounces ; Olēi of Oil Olivæ of Olive fluidunciās quatuor four fluid ounces ;

Adjice add Olēum the Oil Cetacēo to the Spermaceti et and Ceræ Wax liquefactis dissolved simul together, et and move stir donec until refrixerint they shall have cooled.

## CERĀTUM LYTTÆ.

## CERATE OF LYTTA.

Recipe take Cerāti of Cerate Cetacēi of Spermaceti drachmas sex six drams ; Lyttæ of Lytta tritæ rubbed in pulvĕrem subtilissimum into a very fine powder drachmam a dram ;

Cerāto to the cerate, emollito softened igne with the fire, adjice add Lyttam the Lytta, et and misce mix.

## CERĀTUM PLUMBI SUPERACETĀTIS.

## CERATE OF THE SUPERACETATE OF LEAD.

Recipe take Superacetātis of the Superacetate Plumbi of Lead contrītæ powdered drachmas



*duas two drams ; Ceræ albæ of white Wax uncias duas two ounces ; Olĕi of Oil Olīvæ of Olive octarium dimidium half a pint ;*

*Liqua dissolve Ceram the Wax in fluidunciis septem in seven fluid ounces Olĕi of the Oil ; tum then his to these adjice add paulātim gradually Superacetātem the Superacetate Plumbi of Lead contritam rubbed separātim separately cum with rĕliquo Olĕo the remaining Oil, et and move stir (them) spathâ lignĕâ with a wooden spatula, donec until coiĕrint they shall have united.*

### CERĀTUM PLUMBI COMPOSITUM.

#### COMPOUND CERATE OF LEAD.

*Recipe take Liquōris of Liquor Subacetātis of the Subacetate Plumbi of Lead fluiduncias duas two fluid ounces cum with semisse half (a fluid ounce) ; Ceræ flavæ of yellow Wax uncias quatuor four ounces ; Olĕi of Oil Olīvæ of Olive fluiduncias novem nine fluid ounces ; Camphoræ of Camphor drachmam dimidiā half a dram ;*

*Misce mix Ceram liquefactam the melted Wax cum with fluidunciis octo eight fluid ounces Olĕi of the Oil ; tum then remove remove (them) ab igne from the fire, et and, ubi when primū first lentscant they begin to thicken, adjice add paulātim gradually Liquōrem the Liquor Subacetātis of the Subacetate Plumbi of Lead, et and move stir assiduē constantly spathâ lignĕâ with a wooden spatula, donec until refrixerint they shall have*



*cooled. Denique lastly, cum with his these  
misce mix Camphōram the Camphor, liquātam  
dissolved in rēliquo Olēo in the remaining Oil.*

### CERĀTUM RESINÆ.

#### CERATE OF RESIN.

*Recipe take Resinæ flavæ of yellow Resin, Ceræ  
flavæ of yellow Wax, singulōrum of each  
libram a pound ; Olēi of Oil Olīvæ of Olive  
octarĭum a pint ;*

*Liquefac melt Resinam the Resin et and  
Ceram the Wax simul together lento igne with a  
slow fire ; dein then adjice add Olĕum the Oil,  
et and exprĭme express CerĀtum the Cerate  
adhuc whilst yet calens hot per through lintĕum  
linen.*

### CERĀTUM SABINÆ.

#### CERATE OF SAVINE.

*Recipe take Foliōrum recentĭum of fresh Leaves  
Sabinæ of Savine contusōrum bruised libram a  
pound ; Ceræ flavæ of yellow Wax libram dimĭd-  
ĭam half a pound ; Adĭpis præparātæ of pre-  
pared Lard libras duas two pounds ;*

*Incōque boil in Folia the Leaves Sabinæ of  
Savine Adĭpi to the Lard et and Ceræ Wax lique-  
factis melted simul together ; tum then exprĭme  
express per through lintĕum linen.*



CERĀTUM SAPŌNIS.

CERATE OF SOAP.

Recipe take Sapōnis duri of hard Soap uncias octo eight ounces ; Ceræ flavæ of yellow Wax uncias decem ten ounces ; Oxŷdi semivitrēi of the semivitreous Oxide Plumbi of Lead contrīti powdered libram a pound ; Olēi of Oil Olivæ of Olive octarium a pint ; Acēti of Vinegar congiūm a gallon ;

Coque boil Acētum the Vinegar cum with Oxŷdo the Oxide Plumbi of Lead, lento igne with a slow fire, assidue constantly movens stirring, donec until cōēant they unite in unum into one ; dein then adjice add Sapōnem the Soap, et and coque boil itērum again simīli modo in a similar manner, donec until humor the moisture consumptus fuērit be evaporated penītūs thoroughly ; denique lastly, cum with his these misce mix Ceram the Wax, priūs first liquefactam dissolved ex Olēo in the Oil.

UNGUENTA.

OINTMENTS.

UNGUENTUM CETACĒI.

OINTMENT OF SPERMACETI.

Recipe take Cetacēi of Spermaceti drachmas sex six drams ; Ceræ albæ of white Wax drachmas



duas *two drams*; Olēi of Oil Olīvæ of Olive  
fluiduncias tres *three fluid ounces*;

Liquefacta *being melted* simul together lento  
igne with a slow fire, move stir (them) assidue  
constantly donec until refrixerint they shall have  
cooled.

### UNGUENTUM ELĚMI COMPOSITUM.

#### COMPOUND OINTMENT OF ELEMI.

Recipe take Elēmi of Elemi libram a pound;  
Terebinthīnæ vulgāris of common Turpentine  
uncias decem *ten ounces*; Sevi præparāti of  
prepared Suet libras duas *two pounds*; Olēi of  
Oil Olīvæ of Olive fluiduncias duas *two fluid  
ounces*;

Liquefac melt (the Gum) Elēmi of Elemi  
simul together cum with Sevo the Suet; tum then  
remove remove (them) ab from igne the fire, et  
and his to these misce mix Terebinthīnam the  
Turpentine et and Olēum the Oil statim imme-  
diately; deinde then exprime express per through  
lintēum linen.

### UNGUENTUM HYDRARGŸRI FORTIUS.

#### THE STRONGER OINTMENT OF MERCURY.

Recipe take HydrargŸri purificāti of purified  
Mercury libras duas *two pounds*; Adipis præ-  
paratæ of prepared Lard viginti tres *twenty-  
three uncias ounces*; Sevi præparāti of prepared  
Suet unciam an ounce;



*Tere rub primùm first Hydrargyrum the Mercury cum with Sevo the Suet et and exiguò a little Adipis of the Lard, donec until globuli globules conspiciantur are seen non no ampliùs longer ; dein then adijce add quod that which est is reliquum left Adipis of the Lard, et and misce mix.*

The Mercury absorbs Oxygen from the atmosphere during its trituration with the fat, and is converted into the state of an *Oxide*.

### UNGUENTUM HYDRARGYRI MITIUS.

#### THE Milder Ointment of Mercury.

*Recipe take Unguenti fortiōris of the stronger Ointment Hydrargyri of Mercury libram a pound ; Adipis præparatæ of prepared Lard libras duas two pounds ;*

*Misce mix.*

### UNGUENTUM HYDRARGYRI NITRATIS.

#### Ointment of Nitrate of Mercury.

*Recipe take Hydrargyri purificati of purified Mercury unciam an ounce ; Acidi nitrici of nitric Acid fluidrachmas undecim eleven fluid drams ; Adipis præparatæ of prepared Lard uncias sex six ounces ; Olæi of Oil Olivæ of Olive fluid-uncias quatuor four fluid ounces ;*

*Liqua dissolve primùm first Hydrargyrum the Mercury in Acido in the Acid ; dein then misce mix liquorem the liquor adhuc whilst yet calentem*



*hot cum with Adīpe the Lard et and Olēo the Oil liquefactis melted simul together.*

A *Nitrate of Mercury* is here formed by the union of the metal with the Acid, in the same manner as in the preparation of "*Hydrargyri Nitrico-oxydum*," which see.

### UNGUENTUM HYDRARGYRI NITRICO- OXYDI.

#### OINTMENT OF NITRIC-OXIDE OF MERCURY.

Recipe take Nitrico-oxydi of Nitric-oxide Hydrargyri of Mercury unciam an ounce ; Ceræ albæ of white Wax uncias duas two ounces ; Adipis præparatæ of prepared Lard uncias sex six ounces ;

Adjice add Nitrico-oxydum the Nitric-oxide Hydrargyri of Mercury, tritum rubbed in pulvĕrem subtilissimum into a very fine powder, Ceræ to the Wax et and Adipi Lard liquefactis melted simul together, et and misce mix.

### UNGUENTUM HYDRARGYRI PRÆCIPITATI ALBI.

#### OINTMENT OF WHITE PRECIPITATE OF MERCURY.

Recipe take præcipitāti albi of white precipitate Hydrargyri of Mercury drachmam a dram ; Adipis præparatæ of prepared Lard unciam an ounce cum with semisse half (an ounce) ;



Adjice *add* Hydrargyrum præcipitatum *the precipitated Mercury* Adipi *to the Lard*, liquefactæ *liquefactæ* melted *lento igne with a slow fire*, et *and* misce *mix*.

UNGUENTUM LYTTÆ.

OINTMENT OF LYTTA.

Recipe *take* Lyttæ *of Lytta* contritæ *rubbed in* pulvĕrem subtilissimum *into a very fine powder* uncias duas *two ounces*; Aquæ distillatæ *of distilled Water* fluiduncias octo *eight fluid ounces*; Cerāti *of Cerate* Resinæ *of Resin* uncias octo *eight ounces*;

Decoque *boil down* Aquam *the Water* cum *with* Lyttâ *the Lytta* ad *to* dimidium *half*, et *and* cola *strain*; Liquōri colato *to the strained Liquor* imisce *mix in* Ceratum *the Cerate*, dein *then* vāporē *let it evaporate* ad *to* idōnĕam *proper* crassitudinem *consistence*.

UNGUENTUM PICIS LIQUIDÆ.

OINTMENT OF LIQUID PITCH.

Recipe *take* Picis liquidæ *of liquid Pitch,\* (and)* Sevi præparati *of prepared Suet*, singulōrum *of each* libram *a pound*;

Liquefac *melt (them)* simul *together*, et *and* ex-prime *express per* through lintĕum *cloth*.

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\* Tar.



## UNGUENTUM RESINÆ NIGRÆ.

## OINTMENT OF BLACK RESIN.

Recipe take Resinæ nigræ of black Resin, Ceræ flavæ of yellow Wax, Resinæ flavæ of yellow Resin, singulōrum of each uncias novem nine ounces ; Olēi of Oil Olivæ of Olive octarium a pint ;

Liquefac melt (them) simul together, et and exprime express per through lintēum linen.

## UNGUENTUM SAMBŪCI.

## OINTMENT (OF FLOWERS) OF ELDER.

Recipe take Flōrum of Flowers Sambūci of Elder, Adīpis præparātæ of prepared Lard, singulōrum of each libras duas two pounds ;

Incōque boil in Flōres the Flowers Sambūci of Elder Adīpi to the Lard, donec until fiant they become friabiles friable ; tum then exprime express per through lintēum linen.

## UNGUENTUM SULPHŪRIS.

## OINTMENT OF SULPHUR.

Recipe take Sulphūris sublimāti of sublimed Sulphur uncias tres three ounces ; Adīpis præparātæ of prepared Lard libram dimīdiam half a pound ;

Misce mix.



UNGUENTUM SULPHŪRIS COMPOSITUM.

COMPOUND OINTMENT OF SULPHUR.

Recipe take Sulphūris sublimāti of sublimed Sulphur libram dimīdīam half a pound ; Radīcis of Root Verātri of white Hellebore contrītæ powdered uncias duas two ounces ; Nitrātis of Nitrate Potassæ of Potass drachmam a dram ; Sapōnis mollis of soft Soap libram dimīdīam half a pound ; Adīpis præparātæ of prepared Lard libram a pound cum with semisse half (a pound) ;

Misce mix.

UNGUENTUM VERĀTRI.

OINTMENT OF WHITE HELLEBORE.

Recipe take Radīcis of the Root Verātri of white Hellebore contrītæ powdered uncias duas two ounces ; Adīpis præparātæ of prepared Lard uncias octo eight ounces ; Olēi of Oil Limōnum of Lemons minīma viginti twenty minims ;

Misce mix.

UNGUENTUM ZINCI.

OINTMENT OF ZINC.

Recipe take Oxŷdi of the Oxide Zinci of Zinc unciam an ounce ; Adīpis præparātæ of prepared Lard uncias sex six ounces ;

Misce mix.



## LINIMENTA.

*LINIMENTS.*

## LINIMENTUM ÆRUGĪNIS.

*LINIMENT OF VERDIGRIS.*

Recipe take Ærugĭnis of *Verdigris* contrītæ powdered unciām an ounce ; Acēti of *Vinegar* fluiduncias septem seven fluid ounces ; Mellis of *Honey* despumāti clarified unciās quatuordecim fourteen ounces ;

Liqua dissolve Ærugĭnem the *Verdigris* in Acēto in the *Acid*, et and cola strain per through lintēum linen ; dein then, instillāto Melle the *Honey* being dropped in, decōque boil down ad to idōnēam crassitūdinem a proper consistence.

## LINIMENTUM AMMONIÆ FORTIUS.

*STRONGER LINIMENT OF AMMONIA.*

Recipe take fluidunciam a fluid ounce Liquōris of the *Liquor Ammonię of Ammonia* ; fluiduncias duas two fluid ounces Olēi of *Oil Olivæ of Olive* ;

Agĭta shake (them) simul together donec until misceantur they become mixed.



## LINIMENTUM AMMONIÆ SUBCARBONĀTIS.

LINIMENT OF THE SUBCARBONATE OF  
AMMONIA.

Recipe take *Liquōris of Liquor Subcarbonātis of the Subcarbonate Ammoniæ of Ammonia fluidunciam a fluid ounce ; Olēi of Oil Olivæ of Olive fluiduncias tres three fluid ounces ;*

*Agita shake (them) simul together donec until misceantur they become mixed.*

## LINIMENTUM CAMPHORÆ.

## LINIMENT OF CAMPHOR.

Recipe take *Camphoræ of Camphor unciam dimidiam half an ounce ; Olēi of Oil Olivæ of Olive fluiduncias duas two fluid ounces ;*

*Liqua dissolve Camphoram the Camphor in Olēo in the Oil.*

## LINIMENTUM CAMPHORÆ COMPOSITUM.

## COMPOUND LINIMENT OF CAMPHOR.

Recipe take *Camphoræ of Camphor uncias duas two ounces ; Liquōris of Liquor Ammōniæ of Ammonia fluiduncias sex six fluid ounces ; Spiritūs of Spirit Lavandulæ of Lavender octarium a pint ;*

*Misce mix Liquōrem the Liquor Ammoniæ of Ammonia cum with Spiritu the Spirit ; tum then*



distillet octarius *let a pint distil ex from* retortâ vitrêâ *a glass retort*, lento igne *with a slow fire* ; denique *lastly*, liqua *dissolve* Camphorâ *the Camphor* in his *in these*.

### LINIMENTUM HYDRARGÿRI.

#### LINIMENT OF MERCURY.

Recipe *take* Unguenti fortiōris *of stronger Ointment* Hydrargÿri *of Mercury*, Adipis præparatæ *of prepared Lard*, singulōrum *of each* uncias quatuor *four ounces* ; Camphoræ *of Camphor* unciam *an ounce* ; Spiritûs rectificati *of rectified Spirit* minima *quindëcim fifteen minims* ; Liquōris *of Liquor* Ammoniæ *of Ammonia* fluiduncias quatuor *four fluid ounces* ;

Primùm *first* tere rub Camphorâ *the Camphor* cum *with* Spiritû *the Spirit*, deinde *then* cum *with* Adipe *the Lard* et *and* Unguento *Ointment* Hydrargÿri *of Mercury* ; denique *lastly*, Liquōre *the Liquor* Ammoniæ *of Ammonia* instillato *being dropped in paulatim by little and little*, misce mix omnia *all (together)*.

### LINIMENTUM SAPŌNIS COMPOSITUM.

#### COMPOUND LINIMENT OF SOAP.

Recipe *take* Sapōnis duri *of hard Soap* uncias tres *three ounces* ; Camphoræ *of Camphor* unciam *an ounce* ; Spiritûs *of Spirit* Rosmarini *of Rosemary* octarium *a pint* ;



*Liqua dissolve Camphōram the Camphor in Spiritū in the Spirit; dein then adjice add Sapōnem the Soap, et and macera macerate balneo in a bath arēnæ of sand donec until liquetur it be dissolved.*

### LINIMENTUM TEREBINTHINÆ.

#### LINIMENT OF TURPENTINE.

*Recipe take Cerāti of Cerate Resinæ of Resin libram a pound; Olēi of the Oil Terebinthinæ of Turpentine octarium dimidium half a pint;*

*Adjice add Olēum the Oil Terebinthinæ of Turpentine liquefacto Cerāto to the melted Cerate, et and misce mix.*

## CATAPLASMĀTA.

### CATAPLASMS.

#### CATAPLASMA FERMENTI.

##### CATAPLASM OF YEAST.

*Recipe take Farinæ of Flour libram a pound; Fermenti of the Yeast Cerevisiæ of Ale, octarium dimidium half a pint;*

*Misce mix, et and adhibe apply calorem lenem a gentle heat donec until cœperint they begin intumere to swell.*



## CATAPLASMA SINĀPIS.

*CATAPLASM OF MUSTARD.*

Recipe take Seminum of Seeds Sināpis of Mustard, Seminum of Seeds Lini usitatissimi of common Flax, singulōrum of each contritōrum powdered libram dimīdīam half a pound; Acēti calīdi of hot Vinegar quantum as much as sit may be satis sufficient;

Misce mix, ut that crassitūdo the consistence Cataplasmatīs of a Cataplasm fiat may be formed.



## TABŮLA.\*

## A TABLE

Ostendens *showing*, quâ ratiōne *in what proportion* Opĭum *Opium*, et *and* præparāta quædam *certain preparations ex from* Antimonĭo *Antimony*, Arsenĭco *Arsenic*, et *and* Hydrargÿro *Mercury*, continentur *are contained* inquibusdam *in some* Medicamentis *compositis compound Medicines*.

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CONFECTĬO OPĬI *confection of Opium* contĭnet *contains* granum *a grain* Opĭi *of Opium* in circĭter *in about* trīginta *thirty* et *and* sex *six* granis *grains*.

HYDRARGÿRUM CUM CRETÂ *Mercury with Chalk* contĭnet *contains* granum *a grain* Hydrargÿri *of Mercury* in circĭter *in about* granis *tribus three* grains.

LINĬMENTUM HYDRARGÿRI *Liniment of Mercury* contĭnet *contains* drachmam *a dram* Hydrargÿri *of Mercury* in circĭter *in about* drachmis *sex six* drams.

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\* This Table should be committed to memory.



**LIQUOR ANTIMONŮI TARTARIZĀTI** *Liquor of tartarized Antimony* contĭnet contains granum a grain AntimonŮi tartarizĀti of tartarized Antimony in fluidrachmis quatŮor in four fluid drams.

**LIQUOR ARSENICĀLIS** *Arsenical solution* contĭnet contains granum a grain OxŮdi of Oxide Arsenici of Arsenic in fluidrachmis duābus in two fluid drams.

**LIQUOR HYDRARGŮRI OXYMURIĀTIS** *Liquor of Oxymuriate of Mercury* contĭnet contains granum a grain OxymuriĀtis of the Oxymuriate HydrargŮri of Mercury in fluidunciis duābus in two fluid ounces.

**PILŮLĀ HYDRARGŮRI** *the Pills of Mercury* contĭnent contain granum a grain HydrargŮri of Mercury in granis tribus in three grains.

**PILŮLĀ HYDRARGŮRI SUBMURIĀTIS COMPOSĪTĀE** *the compound Pills of Submuriate of Mercury* contĭnent contain granum a grain HydrargŮri SubmuriĀtis of the Submuriate of Mercury in circĭter in about granis quatŮor four grains.

**PILŮLĀ SAPŌNIS CUM OPĪO** *Pills of Soap with Opium* contĭnent contain granum a grain OpĪi of Opium in granis quinque in five grains.

**PULVIS CORNU USTI CUM OPĪO** *the Powder of burnt (Harts') Horn with Opium* contĭnet contains granum a grain OpĪi of Opium in granis decem in ten grains.



PULVIS CRETÆ COMPOSĪTUS CUM OPĪO *the compound Powder of Chalk with Opium* contĭnet contains granum a grain Opĭi of Opium in scrupulis duobus *in two scruples.*

PULVIS IPECACUANHÆ COMPOSĪTUS *compound Powder of Ipecacuanha* contĭnet contains granum a grain Opĭi of Opium in granis decem *in ten grains.*

PULVIS KINO COMPOSĪTUS *compound Powder of Kino* contĭnet contains granum a grain Opĭi of Opium in scrupulo *in a scruple.*

UNGUENTUM HYDRARGŸRI FORTĪUS *the stronger Ointment of Mercury* contĭnet contains drachmam a dram HydrargŸri of Mercury in drachmis duabus *in two drams.*

UNGUENTUM HYDRARGŸRI MITĪUS *the milder Ointment of Mercury* contĭnet contains drachmam a dram HydrargŸri of Mercury in drachmas sex *in six drams.*







# INDEX

## NOMĪNUM NOVŌRUM,

### INDEX OF NEW NAMES,

Ostendens *showing* ad to quod nomen *what name* vetēris Pharmacopœiæ *of the former Pharmacopœia* quodque *each* pertinet *relates*.

#### A.

##### NOMĪNA NOVA. NEW NAMES.

Abiētis Resīna.  
Absinthĭum.  
Acaciæ Gummi.  
Acetōsa.  
Acĭdum acetĭcum.  
—— benzöicum.  
—— nitrĭcum.  
—— sulphurĭcum.  
Alöës spicātæ Extractum.  
—— vulgāris Extractum.  
Ammonĭæ Murĭas.  
—— Subcarbōnas.

##### NOMĪNA PRIŌRA. FORMER NAMES.

Thus.  
Absinthĭum vulgāre.  
Arabĭcum Gummi.  
Acetōsa pratensis.  
Acētum distillātum.  
Flores Benzöës.  
Acĭdum nitrōsum.  
—— vitriolĭcum.  
Alöe socotorĭna, *Succus spissātus*.  
—— barbādensis, *Succus spissātus*.  
Sal Ammoniācus.  
Ammonĭa præparāta.]



Anthemīdis Flores.

Antimonīi Sulphurētum.

———— Sulphurētum  
præcipitātum.

Argenti Nitras.

Armoraciæ Radix.

Chamæmēlum, *Flos simplex.*

Antimonium.

Sulphur Antimonīi præci-  
pitātum.

Argentum nitrātum.

Raphānus rusticānus, *Radix.*

## B.

Benzöinum.

Benzöë.

## C.

Calāmi Radix.

Calāmus aromaticus, *Radix.*

Calamīna.

Lapis Calamināris.

Calumbæ Radix.

Colomba, *Radix.*

Cambogia.

Gambogia.

Canellæ Cortex.

Canella alba, *Cortex.*

Capsici Baccæ.

Piper indicum, *Capsula.*

Caryophylli.

Caryophyllus aromatica,  
*Pericarpium immaturum.*

Cassiæ Pulpa.

Cassia fistulāris, *Fructus.*

Castoreum.

Castoreum Rossicum.

Cerātum Plumbi composi-  
tum.

Cerātum Lithargyri ace-  
tati compositum.

———— Resinæ.

Unguentum Resinæ flavæ.

Cetacæum.

Sperma Ceti.

Cinchonæ lancifoliæ Cor-  
tex.

Cinchonæ Cortex

———— cordifoliæ Cor-  
tex.

*Vulgò Cortex flavus.*

———— oblingifoliæ  
Cortex.

*Vulgò Cortex ruber.*

Coccus.

Coccinella.

Confectio Aurantii.

Conserva Aurantii.



Confectio Cassiæ.

————— Opīi.

————— Rosæ caninæ.

————— Rosæ Gallicæ.

————— Scammonæ.

————— Sennæ.

Conii Folia.

Copaiba.

Cupri Sulphas.

Cuspariæ Cortex.

Cydoniæ Semina.

Electuarium Cassiæ.

Confectio opiata.

Conserva Cynosbati.

————— Rosæ.

Electuarium Scammonii.

————— Sennæ.

Cicuta, *herba*.

Balsamum Copaiva.

Vitriolum cærulæum.

*Vulgò* Cortex Angusturæ.Cydonia malus, *Semen*.

## D.

Decoctum Cydoniæ.

————— Malvæ compo-  
situm.

————— Papaveris.

Mucilago Seminis Cydonii  
mali.

Decoctum pro Enemate.

————— pro Fomento.

## E.

Elaterii Poma.

Emplastrum Ceræ.

————— Galbani com-  
positum.

————— Hydrargyri.

————— Picis compo-  
situm.

————— Lyttæ.

————— Plumbi.

————— Resinæ.

Cucumis agrestis, *Fructus*  
*recens*.Emplastrum Ceræ com-  
positum.————— Lithargyri  
compositum.————— Lithargyri  
cum Hydrargyro.————— Picis Burgun-  
dicæ compositum.

————— Cantharidis.

————— Lithargyri.

————— Lithargyri  
cum Resina.



## F.

Ferri Sulphas.	Ferrum vitriolātum.
Ferrum ammoniātum.	———— ammoniacāle.
Fœnicūli Semīna.	Fœnicūlum dulce, <i>Semen</i> .

## H.

Hellebōri fœtīdi Folia.	Hellebōraster, <i>Folium</i> .
Hydrargyri Nitrīco-oxy-	Hydrargyrus nitrātus ru-
dum.	ber.
———— Oxȳdum ru-	———— calcinātus.
brum.	
———— Oxymurias.	———— muriātus.
———— Submuriās.	Calomēlas.
———— Sulphurētum	Hydrargyrus sulphurātus
rubrum.	ruber.
Hydrargyri Sulphurētum	Hydrargyrus cum Sul-
nigrum.	phūre.
Hydrargyrum præcipitā-	Calx Hydrargyri alba.
tum album.	

## J.

Jalāpæ Radix.	Jalapium, <i>Radix</i> .
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## L.

Linimentum Ammonīæ	Linimentum Ammonīæ.
Subcarbonātis.	
———— Ærugīnis.	Oxymel Ærugīnis.
Lini usitatissīmi Semīna.	Linum, <i>Semen</i> .
Liquor Alumīnis composi-	Aqua Alumīnis compo-
tus.	sita.
———— Ammonīæ.	———— Ammonīæ puræ.
———— Ammonīæ Ace-	———— Ammonīæ acetatæ.
tātis.	
———— Antimonīi tar-	Vinum Antimonīi tarta-
tarizāti.	rizāti.
———— Calcis.	Aqua Calcis.
———— Cupri Ammo-	———— Cupri Ammoniāti.
niāti.	



Liquor Plumbi Subacetatātis.

—— Plumbi Subacetatīs dilūtus.

—— Potassæ.

Lytta.

Aqua Lithargyri acetāti.

—— Lithargyri acetāti composīta.

—— Kali puri.

Canthāris.

## M.

Magnesīa.

Magnesīæ Carbōnas.

—— Sulphas.

Marrubĭum.

Mentha piperĭta.

—— virĭdis.

Menyanthes.

Mistūra Amygdalārum.

—— Ammoniāci.

—— Assafœtidæ.

—— Camphoræ.

—— Cretæ.

—— Guaiāci.

—— Moschi.

Magnesīa usta.

—— alba.

—— vitriolāta.

Marrubĭum album.

Mentha piperĭtis.

—— satĭva.

Trifolĭum paludōsum.

Lac Amygdālæ.

—— Ammoniāci.

—— Asa fœtidæ.

Mistūra camphorāta.

—— cretacĕa.

Lac Guaiāci.

Mistūra moschāta.

## O.

Olĕum Succĭni.

Oleum Succĭni rectificātum.

Oxymel simplex.

Mel acetātum.

## P.

Papavĕris somnifĕri Cap-sulæ.

Pilŭlæ Sapōnis cum Opĭo.

—— Scillæ composītæ.

Pix arĭda.

Plumbi Superacĕtas.

—— Subcarbōnas.

Papāver album *Capsŭla*.

Pilŭlæ Opĭi.

—— Scillæ.

Pix burgundĭca.

Cerussa acetāta.

Cerussa.



Plumbi Oxȳdum semi-vitrēum.	Lithargȳrus.
Potassæ Acētas.	Kali acetātum.
Potassa cum Calce.	Calx cum Kali puro.
———— fusa.	Kali purum.
———— impūra.	Cinēres clavellāti.
Potassæ Nitras.	Nitrum.
———— Subcarbōnas.	Kali præparātum.
———— Tartras.	———— tartarizātum.
———— Sulphas.	———— vitriolātum.
———— Sulphurētum.	———— sulphurātum.
———— Supertartras.	Tartāri Crystalli.
Pruna Gallica.	Pruna.
Pterocarpi Lignum.	Santālum rubrum, <i>Lignum.</i>
Pulvis Aloës compositus.	Pulvis Alōës cum Guaiāco.
———— Cinnamōmi compositus.	———— aromaticus.
———— Cornu usti cum Opio.	———— opiātus.

## R.

Rhamni Baccæ.	Spina cervīna, <i>Bacca.</i>
Rhei Radix.	Rhabarbārum, <i>Radix.</i>
Rhœados Petāla.	Papāver erraticum, <i>Flos.</i>
Rosæ canīnæ Pulpa.	Cynosbātus, <i>Fructus.</i>
———— centifoliæ Petāla.	Rosa damascēna, <i>Petālum.</i>
———— Gallicæ Petāla.	———— rubra, <i>Petālum.</i>

## S.

Sacchārum.	Sacchārum non purificātum.
Scammōnēæ Gummi-resina.	Scammonium, <i>Gummi-resina.</i>
Senēgæ Radix.	Senēka, <i>Radix.</i>
Serpentariæ Radix.	Serpentaria virginianā, <i>Radix.</i>



Sodæ Murīas.  
 — Subbōras.  
 — Subcarbōnas.  
 — Sulphas.  
 Soda impūra.  
 — tartarizāta.  
 Spartīi Cacumīna.  
 Spirītus Camphōræ.  
 — rectificātus.  
 — tenuior.  
 Sulphur lotum.  
 — sublimātum.

Sal muriaticus.  
 Borax.  
 Natron præparātum.  
 — vitriolātum.  
 Barilla.  
 Natron tartarizātum.  
 Genista, *Cacūmen*.  
 Spirītus camphorātus.  
 — vinosus rectificātus.  
 — vinosus tenuior.  
 Flores Sulphūris loti.  
 Sulphūris Flores.

## T.

Terebinthīna canadensis. Balsāmum canadense.  
 Tinctūra Camphōræ composita. Tinctūra Opīi camphorāta.  
 — Ferri Muriātis. — Ferri muriāti.

## V.

Verātri Radix. Hellebōrus albus, *Radix*.  
 Unguentum Cetacēi. Unguentum Spermātis Ceti.  
 — Picis liquīdæ. — Picis.

## Z.

Zinci Oxȳdum. Zincum calcinātum.  
 — Sulphas. — vitriolātum.



# INDEX

## NOMĬNUM VETĚRUM,

## INDEX OF FORMER NAMES,

Ostendens *showing* ad *to* quod *what* nomen *name* hujus  
Voluminis *of this Volume* quodque *each* pertinet  
*relates.*

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### A.

#### NOMĬNA PRIĖRA.

#### FORMER NAMES.

Absinthĭum vulgāre.  
Acetōsa pratensis.  
Acetum distillātum.  
Acĭdum nitrōsum.  
—— vitriolĭcum.  
Alĕe barbadensis.  
—— socotorina.  
Ammonĭa pręparāta.  
Antimonĭum.  
Aqua Alumĭnis composita.  
—— Ammonĭę acetātę.  
—— Ammonĭę purę.

#### NOMĬNA NOVA.

#### NEW NAMES.

Absinthĭum.  
Acetōsa.  
Acĭdum acetĭcum.  
—— nitrĭcum.  
—— sulphurĭcum.  
Alĕes vulgāris Extractum.  
—— spicātę Extractum.  
Ammonĭę Subcarbōnas.  
Antimonĭi Sulphurētum.  
Liquor Alumĭnis composĭtus.  
—— Ammonĭę Acetātis.  
—— Ammonĭę.



Aqua Calcis.	Liquor Calcis.
—— Cupri ammoniāti.	—— Cupri ammoniāti.
—— Lithargyri acetāti.	—— Plumbi Subacetātis.
Aqua Lithargyri acetāti composita.	Liquor Plumbi Subacetātis dilūtus.
—— Kali puri.	—— Potassæ.
Arabicum Gummi.	Acaciæ Gummi.
Argentum nitrātum.	Argenti Nitras.

## B.

Balsamum canadense.	Terebinthina canadensis.
Balsamum Copaiva.	Copaiba.
Barilla.	Soda impura.
Benzoe.	Benzoinum.
Borax.	Sodæ Subboras.

## C.

Calamus aromaticus, <i>Radix.</i>	Calami Radix.
Calomelas.	Hydrargyri Submurias.
Calx cum Kali puro.	Potassa cum Calce.
Calx Hydrargyri alba.	Hydrargyrum præcipitatum album.
Canella alba, <i>Cortex.</i>	Cauellæ Cortex.
Cantharis.	Lytta.
Caryophyllus aromatica, <i>Pericarpium immaturum.</i>	Caryophylli.
Cassia fistularis, <i>Fructus.</i>	Cassiae Pulpa.
Castoreum Rossicum.	Castoreum.
Ceratum Lithargyri acetati compositum.	Ceratum Plumbi compositum.
Cerussa.	Plumbi Subcarbōnas.
Cerussa acetata.	—— Superacetas.
Chamæmelum, <i>Flos simplex.</i>	Anthemidis Flores.



Cicūta, *Herba*.Cinchōna, *Cortex*.

\_\_\_\_\_ flavus.

\_\_\_\_\_ ruber.

Cinēres clavellāti.

Coccinella.

Colomba.

Confectio opiāta.

Conserva Aurantii.

\_\_\_\_\_ Cynosbāti.

\_\_\_\_\_ Rosæ.

Cortex Angustūræ.

Cucūmis agrestis, *Fructus*  
*recens*.Cydonia Malus, *Semen*.Cynosbātus, *Fructus*.

Conii Folia.

Cinchōnæ lancifoliæ Cor-  
tex.\_\_\_\_\_ cordifoliæ Cor-  
tex.\_\_\_\_\_ oblongifoliæ  
Cortex.

Potassa impūra.

Coccus.

Calumbæ Radix.

Confectio Opīi.

\_\_\_\_\_ Aurantii.

\_\_\_\_\_ Rosæ canīnæ.

\_\_\_\_\_ Rosæ Gallicæ.

Cuspariæ Cortex.

Elaterii Poma.

Cydoniæ Semina.

Rosæ canīnæ Pulpa.

## D.

Decoctum pro Enemate.

\_\_\_\_\_ Fomento.

Decoctum Malvæ compo-  
situm.

\_\_\_\_\_ Papaveris.

## E.

Electuarium Cassiæ.

\_\_\_\_\_ Scammonii.

\_\_\_\_\_ Sennæ.

Emplastrum Cantharidis.

\_\_\_\_\_ Ceræ compo-  
situm.

\_\_\_\_\_ Lithargyri.

\_\_\_\_\_ Lithargyri  
compositum.\_\_\_\_\_ Lithargyri  
cum Hydrargyro.

Confectio Cassiæ.

\_\_\_\_\_ Scammonææ.

\_\_\_\_\_ Sennæ.

Emplastrum Lyttæ.

\_\_\_\_\_ Ceræ.

\_\_\_\_\_ Plumbi.

\_\_\_\_\_ Galbani com-  
positum.

\_\_\_\_\_ Hydrargyri.



Emplastrum Lithargyri  
cum Resina.

————— Picis Burgun-  
dicæ compositum.

Emplastrum Resinæ.

————— Picis compo-  
situm.

## F.

Ferrum ammoniacale.

———— vitriolatum.

Flores Benzoes.

———— Sulphuris loti.

Fœniculum dulce, *Semen*.

Ferrum ammoniatum.

Ferri Sulphas.

Acidum benzoicum.

Sulphur lotum.

Fœniculi Semen.

## G.

Gambogia.

Genista, *Cacumen*.

Cambogia.

Spartii Cacumina.

## H.

Helleboraster, *Folium*.

Helleborus albus, *Radix*.

Hydrargyrus calcinatus.

———— cum sulphure.

———— muriatus.

———— sulphuratus

ruber.

———— nitratus ru-

ber

Hellebore foetidi Folia.

Veratri Radix.

Hydrargyri Oxidum ru-  
brum.

———— Sulphuretum  
nigrum.

———— Oxymurias.

———— Sulphuretum

rubrum.

———— Nitrico-oxi-  
dum.

## J.

Jalapum, *Radix*.

Jalapæ Radix.

## K.

Kali acetatum.

———— præparatum.

Potassæ Acetas.

Potassæ Subcarbōnas.



Kali purum.  
 — sulphurātum.  
 — tartarizātum.  
 — vitriolātum.

Potassa fusa.  
 Potassæ Sulphurētum.  
 — Tartras.  
 — Sulphas.

## L.

Lac Ammoniāci.  
 — Amygdālæ.  
 — Asa fœtidæ.  
 — Guaiāci.  
 Lapis calamināris.  
 Linimentum Ammonīæ.  
 Linum, *Semen*.  
 Lithargyrus.

Mistūra Ammoniāci.  
 — Amygdālæ.  
 — Assafœtidæ.  
 — Guaiāci.  
 Calamīna.  
 Linimentum Ammonīæ  
 Subcarbonātis.  
 Lini usitatissimi Semīna.  
 Plumbi Oxȳdum semivi-  
 trēum.

## M.

Magnesīa alba.  
 — vitriolāta.  
 — usta.  
 Marrubĭum album  
 Mel acetātum.  
 Mentha piperĭtis.  
 — satĭva.  
 Mistūra camphorāta.  
 — cretacĕa.  
 — moschāta.  
 Mucilāgo Semĭnis Cydonĭi  
 mali.

Magnesīæ Carbōnas.  
 Magnesīæ Sulphas.  
 Magnesīa.  
 Marrubĭum.  
 Oxymel simplex.  
 Mentha Piperĭta.  
 — virĭdis.  
 Mistūra Camphōræ.  
 — Cretæ.  
 — Moschi.  
 Decoctum Cydonīæ.

## N.

Natron præparātum  
 — tartarizātum.  
 — vitriolātum.  
 Nitrum,

Sodæ Subcarbōnas  
 Soda tartarizāta.  
 Sodæ Sulphas.  
 Potassæ Nĭtras.



## O.

Olĕum Succĭni rectificā- tum.	Olĕum Succĭni.
Oxymel Ærugĭnis.	Linimentum Ærugĭnis.

## P.

Papaver album, <i>Capsŭla</i> .	Papavĕris somnifĕri Cap- sŭlæ.
———— erraticum, <i>Flos</i> .	Rhœădos Petăla.
Pilŭlæ Opĭi.	Pilŭlæ Sapōnis cum Opĭo.
———— Scillæ.	———— Scillæ composĭtæ.
Pix burgundĭca.	Pix arĭda.
Pulvis Alōēs cum Guaiăco.	Pulvis Alōēs composĭtus.
———— aromaticus.	———— Cinnamōmi compo- sĭtus.
———— opiātus.	———— Cornu usti cum Opĭo.

## R.

Raphănus rusticănus, <i>Radix</i> .	Armoraciæ Radix.
Rhabarbărum, <i>Radix</i> .	Rhei Radix.
Rosa damascēna, <i>Petălum</i> .	Rosæ centifoliæ Petăla.
———— rubra, <i>Petălum</i> .	———— Gallicæ Petăla.

.

Sacchărum non purificā- tum.	Sacchărum.
Sal Ammoniăcus.	Ammoniæ Murĭas.
———— muriaticus.	Sodæ Murĭas.
Santălum rubrum.	Pterocarpĭ Lignum.
Scammonĭum, <i>Gummi-re- sĭna</i> .	Scammonĕæ Gummi-re- sĭna.
Senĕka, <i>Radix</i> .	Senĕgæ Radix.



Serpentaria virginiana, <i>Radix.</i>	Serpentariae Radix.
Sperma Ceti.	Cetaceum.
Spina cervina, <i>Bacca.</i>	Rhamni Baccæ.
Spiritus camphoratus.	Spiritus Camphoræ
—— vinosus rectificatus.	—— rectificatus.
—— vinosus tenuior.	—— tenuior.
Sulphur Antimonii præcipitatum.	Antimonii Sulphuratum præcipitatum.
Sulphuris Flores.	Sulphur sublimatum.

## T.

Tartari Crystalli.	Potassæ Supertartras.
Tinctura Opii camphorata.	Tinctura Camphoræ composita.
Tinctura Ferri muriatis.	Tinctura Ferri Muriatis.
Thus.	Abietis Resina.
Trifolium paludosum, <i>Herba.</i>	Menyanthes.

## V.

Vinum Antimonii tartarizati.	Liquor Antimonii tartarizati.
Vitriolum cæruleum.	Cupri Sulphas.
Unguentum Picis.	Unguentum Picis liquidæ.
Unguentum Resinæ flavæ.	Ceratum Resinæ flavæ
——— Spermatis	Unguentum Cetacæi
Ceti.	

## Z.

Zincum calcinatum.	Zinci Oxidum.
—— vitriolatum.	—— Sulphas.



## SUPPLEMENT.

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IN the following table those medicines most likely to be taken in an over-dose, or for the purpose of destroying life, have a reference made to their antidotes at the bottom of each page, that, when called to a case of poisoning, the young practitioner may know, at a single glance, what he should give to afford relief. The after treatment, which will always vary with circumstances, has not been considered, as there will be time to deliberate upon this when a poison shall have been counteracted.

To speak of those poisons which are not here enumerated, would, perhaps, be irrelevant; for by far the greater part of them are in this country rarely taken, either by the suicide, or from mistake, (which arises from their not being generally known, as well as from the difficulty of procuring them;) whilst some others are of such deadly tendency, as to admit of no relief: but as numberless accidents have happened, and more may occur, from the careless manner of keeping OXALIC ACID, the author trusts the following observations will be found of use, as they apply not only to this, but to poisons of the same class.

“ Little knowledge has yet been acquired of the treatment of this kind of poisoning; for, in truth, it is commonly beyond the control of art before medical aid can be procured. Yet neither the chemical action nor the absorption of the poison is so rapid, as not to be obviated by the prompt employment of certain remedies.

“ The first object of the practitioner in all cases of poisoning is, to remove the deleterious substance from the stomach. In the case of poisoning with oxalic acid, however, it may be inconvenient, or even dangerous, to attempt this by ordinary means. For, first, as to emetics, either the vomiting is so speedy and continual that they are unnecessary, or it is never properly accomplished; in which case emetics will too often fail in their effect; besides, during the time lost before



their operation, the acid would, in general, have acted long enough to prove eventually fatal. And then with regard to simple dilution, so advantageously used to promote vomiting in most kinds of poisoning, we have seen that it promotes the absorption of oxalic acid; so that it could not be safely used, unless there were a certainty that it would be followed by vomiting. Lastly, the method lately proposed of withdrawing liquid poisons from the stomach by a tube and exhausting syringe, might be properly applied to oxalic acid; but it should be remembered, that the great rapidity of its action requires a remedy more easily and generally attainable, which remedy must be an antidote or counter-poison."

*Dr. Christison, and Dr. Coindet's Experimental Inquiry on Poisoning by Oxalic Acid, inserted in the Edinburgh Medical Journal for April, 1823.*

From the same interesting paper, it appears that the best antidotes are *chalk* and *magnesia*.

The *doses* in the table are such as are usually given to adults; and must, of course, always vary with the *age*, *constitution*, &c. of the patient. The following proportions may serve to assist in prescribing:—

Under 1 year the dose should be $\frac{1}{12}$ of what would be given to an adult.					
2 years	-	-	-	$\frac{1}{8}$	_____
3	-	-	-	$\frac{1}{5}$	_____
4	-	-	-	$\frac{1}{4}$	_____
7	-	-	-	$\frac{1}{3}$	_____
14	-	-	-	$\frac{1}{2}$	_____
At 21 the full dose.					
63	-	-	-	$\frac{11}{12}$	_____
77	-	-	-	$\frac{5}{6}$	_____



# A TABLE

EXHIBITING AT ONE VIEW THE NAMES OF MEDICINES, WITH THEIR PROPERTIES, DOSES, AND ANTIDOTES, IN CASES OF POISON.

Names.	Properties, &c.		Doses.
		<i>Used in plasters and ointments.</i>	
ABŪTIS Resīna	-	- Stimulant.	- ʒj to ʒj.
Absinthium	-	- Tonic, stomachic, vermifuge	- See Mucilag.
Acaciæ Gummi	-	- Demulcent	- f. ʒss to f. ʒij.
Acetosæ Folia	-	- Refrigerant. [ <i>The juice.</i> ]	- f. ʒss to f. ʒifs.
Acetosella	-	- Refrigerant. [ <i>The juice.</i> ]	- f. ʒj to f. ʒifs.
Acetum	-	- Antiseptic, diaphoretic	- f. ʒss to f. ʒifs.
Acetum Colchici	-	- Acid, diuretic. [ <i>Very uncertain.</i> ]	- f. ʒss to f. ʒifs.
Acetum Scillæ	-	- Expectorant, diuretic	- f. ʒss to f. ʒifs.
Acidum acetūcum	-	- Antiseptic, diaphoretic	- f. ʒj to f. ʒifs.
— benzoicum	-	- Expectorant, stimulant. [ <i>Seldom used.</i> ]	- gr. x to ʒifs.
— citricum	-	- Antiseptic, refrigerant	- gr. x to ʒifs.
* — MURIATICUM	-	- Antiseptic, lithontriptic, tonic	- { m x to f. ʒifs. properly diluted

## ANTIDOTES IN CASES OF POISON.

\* *Muriatic Acid*, — *Spirit of Salt*, is kept by many people for the purpose of cleaning boot-tops; and in two different instances I have known it to be given by mistake to infants instead of their medicine; one of which was about a year old, the other not more than a week, but each recovered, from the timely administration of *Magnesia* in water. *Soap* and *calcined Magnesia* are recommended; — the former may be very readily dissolved in hot water.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
* ACIDUM NITRICUM DILUTUM	- Antiseptic, antisyphilitic	- { m x to f. ʒfs. properly diluted.
+ ——— SULPHURICUM DILUTUM	- Astringent, refrigerant, tonic	- { m vj to f. ʒfs. properly diluted.
‡ ACONITI FOLIA	- Narcotic, sudorific, deobstruent	- gr. j to gr. v.
§ ÆRUGO	- Emetic. [ <i>Seldom or never used.</i> ]	- { gr. $\frac{1}{8}$ to gr. $\frac{1}{2}$ & gr. j.
Æther rectificatus	- Stimulant, antispasmodic	- f. ʒfs to f. ʒij.
Allii Radix	- Stimulant, expectorant, diuretic. [ <i>Juice.</i> ]	- f. ʒj to f. ʒij.
Alōes spicātæ Extractum	- Aperient, emmenagogue	- gr. v to gr. xv.
——— vulgāris Extractum	- Aperient, emmenagogue	- gr. v to gr. xv.
Althææ Folia et Radix	- Obtunding, emollient. [ <i>See Decoct.</i> ]	-
Alūmen	- Tonic, astringent	- gr. v to gr. xv
——— exsiccātum	- [ <i>Externally to destroy fungous flesh.</i> ]	-
AMMONIÆ Subcarbōnas	- Antispasmodic, diaphoretic, antacid	- gr. v to gr. xv.
——— Murias	- [ <i>In lotions discutient.</i> ] Aperient	- gr. x to ʒfs.
Ammoniācum	- Expectorant, antispasmodic, stimulant	- gr. x to ʒfs.
Amygdālæ amāræ	- Demulcent, narcotic	-
——— dulces	- Demulcent. [ <i>See Mist. Amygd.</i> ]	-
Amŷlum	- Demulcent. [ <i>See Mucilag.</i> ]	- ʒfs to ʒj.
Anēthi Semina	- Carminative, stimulant	- gr. x to ʒj.
Anīsi Semina	- Carminative, stimulant	- gr. x to ʒj.
Anthemīdis Flores	- Stomachic, tonic	- gr. x to ʒjs.



[illegible]

## ANTIDOTES IN CASES OF POISON.

\* *Nitric Acid, nitrous Acid.*—*Aqua-fortis.*

+ *Sulphuric Acid, Spirit, or Oil of Vitriol.* Give calcined magnesia, or soap dissolved in water. [See *Acid, Muriatic.*]

evacuated, acidulated drinks and cordials should be administered.

to, at least, half an ounce of verdigris, for the purpose of destroying life; but by large doses of the above, I had the pleasure of seeing her recovered without any bad consequences, although she was at the time far advanced in pregnancy. Other things were also given; but, I am convinced, they were of no use.

|| See *Liquor Ammoniac.*

¶ *Tartarized Antimony*, or *Tartar Emetic*. Give strong decoctions of galls, cinchona bark, or oak bark; and after the poison is evacuated, give opium to allay the vomiting, which, in the first instance, will be rendered less painful by oily or mucilaginous fluids.



Names.	Properties, &c.	Doses.	
	{ Used principally in lotions, &c. and to cover the taste of nauseous medicines.		
Aqua Rosæ	-		
* ARGENTI NITRAS	-	Tonic, antispasmodic escharotic	gr. $\frac{1}{4}$ to gr. $\frac{1}{2}$ .
Armoracæ Radix	-	Diuretic, antiscorbutic, stimulant	ad libitum.
† ARSENICI OXYDUM SUBLIMATUM	-	Tonic. [See <i>Liquor Arsenicalis</i> .]	gr. $\frac{1}{10}$ to gr. $\frac{1}{4}$ .
Asari Folia	-	[Used principally as an <i>Errhine</i> .]	
Assafoetidæ Gummi-resina	-	Antispasmodic, stimulant	gr. v to $\zeta$ fs.
Aurantii Cortex	-	Stomachic. [See <i>Tinct. Aurantii</i> .]	
Balsamum Peruvianum	-	Stimulant, expectorant	gr. x to $\zeta$ fs.
----- Tolutanum	-	Stimulant, corroborant, expectorant	gr. x to $\mathfrak{z}$ j.
‡ BELLADONNÆ FOLIA	-	Narcotic, diaphoretic, diuretic	{ gr. fs. to gr. $\mathfrak{z}$ j. gradually.
Benzoinum	-	Expectorant, stimulant	gr. x to $\zeta$ fs.
Bistortæ Radix	-	Strongly astringent	gr. x to $\zeta$ j.
Cajuputi Oleum	-	Stimulant, antispasmodic, sudorific	m ij to m v.
Calami Radix	-	Stimulant, aromatic, stomachic	gr. x to $\zeta$ j.
Calamina præparata	-	[Used externally, to promote granulation in ulcers.]	
Calumbæ Radix	-	Tonic, stomachic	gr. x to $\mathfrak{z}$ j.
§ CALX	-		
CAMBOGIA	-	Cathartic, hydragogue	gr. ij to gr. x.
¶ CAMPHORA	-	Antiseptic, diaphoretic, antispasmodic	gr. $\mathfrak{z}$ ij to $\mathfrak{z}$ j.
Canellæ Cortex	-	Stimulant, aromatic, stomachic	gr. x to $\zeta$ fs.
Capsici Baccæ	-	Stimulant, aromatic	gr. v to gr. x.



Carbo Ligni	-	Antiseptic. [ <i>Said to be styptic.</i> ]	-	gr. x to ʒj.
Cardamīnes Flores	-	Stimulant, antispasmodic. [ <i>In powder.</i> ]	-	ʒj to ʒj.
Cardamōmi Semina	-	Stimulant, carminative, stomachic	-	gr. v to ʒfs.
Caricæ Fructus	-	Demulcent	-	ad libitum.
Carui Semina	-	Stimulant, carminative, stomachic	-	gr. x to ʒj.
Carÿophylli	-	Stimulant, aromatic	-	gr. x to ʒfs.
Oleum	-	Stimulant, aromatic	-	m ij to m v.
Cascāillæ Cortex	-	Tonic, and at the same time expectorant	-	gr. x to ʒfs.
Cassīæ Pulpa	-	Laxative. [ <i>See Conf.</i> ]	-	ʒfs to ʒj or more.
Castorëum	-	Antispasmodic, emmenagogue	-	gr. x to ʒfs.
Catechu Extractum	-	Astringent	-	gr. x to ʒij.
Centaurii Cacumina	-	Tonic, aperient, stomachic	-	gr. xv to ʒj.
Cetāceum	-	Emollient, demulcent	-	ʒj to ʒfs.

## ANTIDOTES IN CASES OF POISON.

\* *Nitrate of Silver*, or *Lunar Caustic*. Give large and repeated doses of salt and water, which will decompose the nitrate, and at the same time excite vomiting. Afterwards, mucilaginous fluids, fat mutton broth, &c.

† *Arsenic*. Arsenic and all arsenical preparations may be counteracted, by first evacuating the stomach, by giving either copious draughts of lime-water, chalk and water, sugar and water, or soap and water; the latter is most preferable. Charcoal has also been recommended. Plenty of tepid mucilaginous drinks should be taken to sheath the stomach as much as possible from the action of this poison. Should its fatal consequences be prevented, let the patient, for some time afterwards, abstain from animal food in a solid form, living principally on milk and demulcents.

‡ *Belladonna*. *Deadly Night-shade*. *Dwale*. There is some difficulty in exciting vomiting, when this has been taken in a poisonous quantity; the best emetic is sulphate of zinc in a *very little water*. Should the poison have been taken long enough to have passed into the intestines, give a large dose of castor oil. Dr. Paris recommends vinegar to facilitate the action of emetics: Orfila says, it ought not to be given until the poison be evacuated; but that then, it, and other acidulated drinks, may be taken with advantage.

§ *Calx Lime*. See *Liquor Ammoniacæ*.

¶ *Camphora*, *Camphor*. Wine with opium; the latter in small doses often repeated is recommended. See *Colocynthis pulpa*.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Cinchonæ cordifoliæ Cortex	- Tonic, astringent, stomachic	- gr. x to ʒi <sup>s</sup> .
— lancifoliæ Cortex	- Tonic, astringent, stomachic	- gr. x to ʒi <sup>s</sup> .
— oblongifoliæ Cortex	- Tonic, astringent, stomachic	- gr. x to ʒi <sup>s</sup> .
Cinnamomi Cortex	- Stimulant, aromatic, astringent	- gr. v to ʒj.
— Olëum	- Stimulant, stomachic	- m j to m iij.
Coccus	- [Used for colouring other medicines.]	
* COLCHICI RADIX	- Diuretic, cathartic	- gr. j to gr. iij.
† COLOCYNTHIDIS PULPA	- Strongly cathartic	- gr. j to gr. v.
Confectio Amygdalarum	- [Used for making Mist. Amygdalæ; which see.]	
— Aromatica	- Stimulant, astringent	- gr. x to ʒj.
— Aurantiörum	- Tonic, stomachic	- ʒj to ʒj.
— Cassiæ	- Mildly laxative	- ʒj to ʒj.
Confectio Opïi	- Stimulant, carminative, anodyne	- gr. x to ʒfs.
— Rosæ Caninæ	- Cooling, restringent	- ʒj to ʒj.
— — Gallicæ	- Subastringent	- ʒj to ʒj.
— Rutæ	- [In clysters, carminative, antispasmodic.]	
— Scammonæ	- Cathartic	- ʒj to ʒj.
— Sennæ	- Mildly cathartic	- ʒj to ʒj.
‡ CONII FOLIA	- Narcotic, alterative, resolvent	- ʒj to ʒj.
Contrayervæ Radix	- Stimulant, antiseptic, diaphoretic	- gr. x to ʒi <sup>s</sup> .
Copaiba	- Stimulant, diuretic	- m x to ʒj.
Coriandri Semina	- Stimulant, carminative	- ʒj to ʒj.

gr. ij to ʒj.  
gradually.



Cornu ustum	-	-	-	Absorbent, astringent	-	-	3s to 3j.
Creta præparāta	-	-	-	Absorbent, antacid	-	-	3j to 3ij.
Croci Stigmāta	-	-	-	Cordial, diaphoretic	-	-	gr. x to 3j.
Cumini Semina	-	-	-	Stimulant, antispasmodic	-	-	3j to 3j.
§ CUPRUM AMMONIATUM	-	-	-	Astringent, antepileptic [ <i>gradually</i> ]	-	-	gr. ¼ to gr. v.
§ CUPRI SULPHAS	-	-	-	Speedily emetic, gr. ij to gr. x — corroborant	-	-	gr. ¼ to gr. ifs.
Cuspariæ Cortex	-	-	-	Tonic, stomachic	-	-	gr. vj. to 3j.
Cydoniæ Semina	-	-	-	Mucilaginous, demulcent. [See <i>Decoct.</i> ]	-	-	3j. to 3j.
Dauci Semina	-	-	-	Stimulant, stomachic, diuretic	-	-	f. 3s to f. 3ij.
Decoctum Aloës compositum	-	-	-	Aperient, stomachic	-	-	f. 3j to f. 3iv.
— Cinchonæ	-	-	-	Tonic, astringent	-	-	f. 3j to f. 3iv.
— Cydoniæ	-	-	-	Mucilaginous, demulcent	-	-	f. 3j to f. 3ij.
— Dulcamāræ	-	-	-	Discutient, diaphoretic, resolvent	-	-	f. 3iv to Ofs.
— Hordēi	-	-	-	Nutritive, emollient	-	-	f. 3iv to Ofs.
— — — compositum	-	-	-	Pectoral, demulcent	-	-	f. 3iv to Ofs.

#### ANTIDOTES IN CASES OF POISON.

\* *Colchici Radix*, *Root of Meadow Saffron*. First empty the stomach, by giving repeated doses of warm fluids, such as sugar and water, &c.; and afterwards administer cordials, with small doses of opium. If the poison has been long taken, and the patient sinking, brandy may be given.

† *Colocynthis*, or *Bitter Apple*. Young women are in the habit of applying for this, amongst other things, for the purpose of causing abortion. If taken in a large quantity, emetics must be had recourse to; but if its action has commenced on the bowels, give opium with plenty of linseed tea, or mucilage of acacia; also oleaginous clysters, to which opium may be added.

‡ *Conium* or *Cicuta*, *Hemlock*. Poisoning by this may be treated in every respect as *Belladonna*; which see.  
§ *Cuprum Ammoniatum*, *Ammoniated Copper*. Also *Cupri Sulphas*, *Sulphate of Copper*, or *Green Vitriol*. Sugar in large quantities is recommended to be given in coffee, when either of these, or, indeed, any of the salts of copper have been taken internally; drinking, at intervals, copiously of mucilaginous fluids, and swallowing whites of eggs. Should the poison have passed into the intestines, castor oil must be resorted to in all cases, if it can be had, as the best purgative.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Decoctum Lichēnis	Tonic, nutritive, demulcent	f. ʒj to f. ʒiv.
Malvæ Compositum	Emollient. [ <i>In clysters.</i> ]	-
Papavēris	[ <i>Used for fomentations.</i> ] Anodyne	-
Quercus	[ <i>Used in injections</i> ] Astringent	-
Sarsaparilla	Alterative, diaphoretic	f. ʒ iv to Ofs.
Senegæ	Alterative, sudorific	f. ʒiv to Ofs.
Ulmi	Acrid, diuretic, cathartic	f. ʒʒs to f. ʒij.
Verātri	Emollient, subastringent	f. ʒiv to Ofs.
* DIGITĀLIS FOLĪA	[ <i>Applied externally in psora, tinea, &amp;c.</i> ]	-
Dolīchi Pubes	Diuretic, cathartic, sedative	gr. ½ to gr. iij.
Dulcamāre Caulis	Anthelmintic	gr. v. to gr. x.
† ELATERĪI POMA	Diaphoretic, discutient. [ <i>See Decoct.</i> ]	-
† EUPHORBĪUM	[ <i>See Extract Elaterii.</i> ]	-
Extractum Aconīti	Narcotic, sudorific, deobstruent	gr. j to gr. v.
Alōēs purificātum	Purgative, stomachic	gr. v to gr. xv.
Anthemīdis	Tonic, stomachic	gr. x to ʒj.
Belladonnæ	Narcotic, diaphoretic	gr. j to gr. v.
Cinchonæ	Tonic, astringent	gr. x to ʒʒs.
Cinchonæ resinōsum	Tonic, astringent	gr. x to ʒʒs.
Colocynthidis	Strongly cathartic	gr. v to ʒʒs.
compositum	Cathartic	gr. v to ʒʒs.
Conīi	Narcotic, alterative, resolvent	{ gr. v to ʒj. gradually.



— Elaterii	-	-	-	Strongly cathartic	-	-	gr. $\frac{1}{4}$ to gr. ij.
— Gentianæ	-	-	-	Tonic, stomachic	-	-	gr. x to ʒss.
— Glycyrrhizæ	-	-	-	Demulcent	-	-	ad libitum
— Hamatoxyli	-	-	-	Astringent	-	-	gr. x to ʒss.
— Humuli	-	-	-	Tonic, anodyne, sedative	-	-	gr. v to ʒj.
— Hyoscyami	-	-	-	Narcotic, diaphoretic, resolvent	-	-	gr. v to ʒj.
— Jalapæ	-	-	-	Cathartic	-	-	gr. x to ʒj.
— Opii	-	-	-	Anodyne, narcotic	-	-	gr. $\frac{1}{2}$ to gr. v.
— Papaveris	-	-	-	Anodyne, narcotic	-	-	gr. ij to ʒj.
— Rhêi	-	-	-	Purgative	-	-	gr. x to ʒss.
— Sarsaparillæ	-	-	-	Alterative, diaphoretic	-	-	gr. x to ʒj.
— Taraxaci	-	-	-	Aperient, diuretic, deobstruent	-	-	gr. x to ʒj.
Ferrum	-	-	-	Tonic, astringent. [See <i>Vinum Ferri</i> .]	-	-	gr. x. to ʒss.
— ammoniatum	-	-	-	Astringent, attenuant, emmenagogue	-	-	gr. iij to gr. xv.
Ferri Subcarbōnas	-	-	-	Astringent, tonic, emmenagogue	-	-	gr. iij to ʒj.
§— SULPHAS	-	-	-	Astringent, tonic, emmenagogue	-	-	gr. j to gr. v.
Ferrum tartarizatū	-	-	-	Astringent, deobstruent	-	-	gr. x to ʒss.

#### ANTIDOTES IN CASES OF POISON.

\* *Digitalis*, *Fox Glove*. Evacuate the stomach with an emetic of sulphate of zinc; then give aromatics and cordials, with Tr. Opii.

+ *Elaterium*, *Wild Cucumber*. The purging where this has been taken is dreadful, and little good is to be expected from any thing. Emollient clysters may be given, and cordials, with opium, may also be administered.

‡ *Euphorbium*. May be treated as *Colocynthis*; which see.

§ *Ferri Sulphas*, *Copperas*, *Green Vitriol*. The subcarbonate of soda, or any convenient alkali, or earth, such as magnesia, should be given in solution, in preference to any vegetable infusions, encouraging the vomiting with warm water. [See note to *Ferri Subcarbonas*, page 54.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Filicis Radix - - -	Astringent, aperient, anthelmintic	- 3j to 3fs.
Fœniculi Semina - - -	Stimulant, carminative	- 3j to 3j.
Galbani Gummi-resina - - -	Stimulant, antispasmodic	- gr. x to 3fs.
Gallæ - - -	Powerfully astringent	- gr. x to 3j.
Gentianæ Radix - - -	Tonic, stomachic [See <i>Infus. Gentianæ</i> ]	- gr. x. to 3j.
Glycyrrhizæ Radix - - -	Attenuant, demulcent	- 3fs to 3j.
Granati Cortex - - -	Highly astringent	- 3j to 3j.
Guaiaci Resina - - -	Stimulant, diaphoretic	- gr. x to 3fs.
—— Lignum - - -	[See <i>Decoctum Guaiaci.</i> ]	
Hæmatoxyli Lignum - - -	Astringent [3j to Oj of water, boiled down to Ofs]	f. 3j to f. 3ij.
*HELLEBORI FÆTIDI FOLIA - - -	Cathartic, vermifuge, emetic	- gr. x to 3fs.
—— nigri Radix - - -	Alterative, emmenagogue	- gr. x to 3j.
Hordæi Semina - - -	[See <i>Decoct. Hordei.</i> ]	
Humuli Strobili - - -	Tonic, sedative. [See <i>Ext. and Tinct.</i> ]	- gr. x to 3fs.
Hydrargyri Nitrico-oxýdum - - -	Externally, stimulant, escharotic	-
—— Oxýdum cinerèum - - -	Alterative, deobstruent	- gr. j. to gr. iij.
—— rubrum - - -	Alterative, diaphoretic	- gr. ½ to gr. ij.
† ——— OXYMURIAS - - -	Alterative. [Must be used with caution.]	- gr. ⅙ to gr. ½.
—— Submurias - - -	{ Alterative, anti-syphilitic	- gr. j to iv daily.
—— Sulphurètum rubrum - - -	{ Cathartic	- gr. v to xv.
—— nigrum - - -	Alterative	- gr. x to 3fs.
Hydrargyrum cum Creta - - -	Alterative, vermifuge	- gr. v to 3fs.
	Alterative	- gr. x to 3fs.



—	præcipitātum album	[ <i>Externally.</i> ] Detergent	
—	purificātum	- Acts by its weight	- 3 ij to 3 iv.
†	HYOSCYAMI FOLIA ET SEMINA	- Narcotic, diaphoretic, resolvent	- gr. iij to gr. x.
Infusum	Anthemidis	{ To assist the operation of emetics : also used externally in fomentations	
—	Armoracæ compositum	- Stimulant, diuretic	- f. 3 j to f. 3 iij.
—	Aurantii compositum	- Stimulant, aromatic, stomachic	-
—	Calumbæ	- Tonic, stomachic, anti-emetic	-
—	Caryophyllorum	- Stimulant, aromatic	-
—	Cascarillæ	- Tonic, and at the same time expectorant	-
—	Catæchu compositum	- Astringent	-
—	Cinchonæ	- Tonic, astringent	-
—	Cuspariæ	- Tonic, astringent	-
—	Digitális	- Narcotic, sedative. [ <i>Cautiously.</i> ]	- f. 3 ss to f. 3 i ss.
—	Gentianæ compositum	- Tonic, stomachic	- f. 3 j to f. 3 iij.
—	Lini	- Emollient, demulcent	- ad libitum.

#### ANTIDOTES IN CASES OF POISON.

\* *Hellebori Fœtidi Folia et Hellebori nigri Radix.* *Stinking and Black Hellebore.* The sickness occasioned by these should be encouraged by oleaginous and mucilaginous drinks; where the poison has passed into the intestines, it will be advisable to resort to anodyne and soothing clysters.

† *Hydrargyri Oxyurias, Oxyuriæ of Mercury or Corrosive Sublimate.* It is universally allowed, that whites of eggs beaten up with water, are the best antidote where this has been taken; as they effectually, if given in time, and in a sufficient quantity, counteract any deleterious effects. The albumen of the eggs converts the *corrosive muriate* to the state of a *submuriate*. This treatment may also be adopted to counteract the effects of other mercurial preparations.

‡ *Hyoscyamus, Henbane.* Give an emetic of the sulphate of zinc, and when the poison is evacuated from the stomach, acidulated fluids may be administered; but if the poison has been long taken, the bowels must be opened freely with castor oil, and bleeding resorted to.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Infūsum Quassīæ	- Tonic, stomachic -	-
— Rhei	- Cathartic, stomachic -	-
— Rosæ	- Tonic, refrigerant -	- f. ʒij to f. ʒiv.
— Sennæ	- Purgative -	-
— Simaroubæ	- Tonic, stomachic -	-
— Tabaci	- [Used chiefly in clysters.] Purgative.	-
Ipecacuanhæ Radix	{ Emetic -	- gr. x to ʒfs.
Jalāpæ Radix	{ Diaphoretic, expectorant -	- gr. fs to gr. ifs.
Junipëri Baccæ et Cacumīna	- Cathartic -	- gr. x to ʒfs.
Kino	- Stimulant, stomachic, diuretic -	- ʒfs to ʒj.
Lavandulæ Flores	- Astringent -	- gr. x to ʒfs.
Lauri Baccæ et Folia	- Stimulant, aromatic -	- ʒj to ʒj.
Lichen	- Stimulant, carminative, antispasmodic -	- gr. x to ʒfs.
Limōnum Cortex	- Tonic, mucilaginous. [See Decoct.] -	- ʒj to ʒj.
Linum Catharticum	- Stimulant, stomachic -	- ʒfs to ʒj.
	- Purgative, diuretic -	- { m x to m xx.
* LIQUOR AMMONIÆ	- Antacid -	- diluted.
— Acetātis	- Diaphoretic -	- f. ʒij to f. ʒj.
— Subcarbonātis	- Stimulant, antispasmodic -	- f. ʒfs to f. ʒj.
† — ANTIMONI TARTARIZATI	{ Diaphoretic -	- f. ʒfs to f. ʒifs.
‡ — ARSENICĀLIS	{ Emetic -	- f. ʒfs to f. ʒifs.
	- Tonic. [In intermittent fever.] -	- mlij to mxiij.



—	Calcis	-	-	-	Astringent, antacid	-	-	f. ʒiſs to Oſs.
—	—	Muriātis	-	-	Deobstruent, diuretic, laxative	-	-	{ f. ʒſs to f. ʒj. properly diluted.
—	Ferri alkalini	-	-	-	Astringent, tonic, emmenagogue	-	-	f. ʒſs to f. ʒj.
§	HYDRARGYRI OXYMURIATIS	-	-	-	Alterative, antisyphilitic	-	-	f. ʒj to ʒvj.
	POTASSÆ	-	-	-	Antacid, lithontripctic	-	-	m x to f. ʒſs.
—	Potassæ Subcarbonātis	-	-	-	Antacid, diuretic, lithontripctic	-	-	m x to f. ʒſs.
¶	LYTTA	-	-	-	Stimulant, diuretic. [ <i>Externally vesicatory.</i> ]	-	-	gr. ſs to gr. iij.
	Magnesia	-	-	-	{ Antacid — aperient where it meets with acidity on the stomach	-	-	{ ʒſs to ʒj.
—	—	Carbōnas	-	-	Antacid, aperient	-	-	ʒſs to ʒij.
—	—	Sulphas	-	-	Mildly aperient	-	-	ʒij to ʒjſs.
Malva	-	-	-	-	{ Emollient. [See Decoct. Used also in poul- tices, &c. externally.]	-	-	-
Manna	-	-	-	-	Mildly laxative	-	-	ʒſs to ʒij.
Marrubium	-	-	-	-	Stimulant, tonic, deobstruent	-	-	ʒſs to ʒij.
Mastiche	-	-	-	-	Stimulant, corroborant	-	-	gr. x to ʒſs.
Mel Borācis	-	-	-	-	[Used in aphthous affections of the mouth.]	-	-	-
—	Despumātum	-	-	-	Attenuant, aperient	-	-	ʒij to ʒij.

#### ANTIDOTES IN CASES OF POISON.

\* Any preparations of *Ammonia* may be counteracted, if taken internally, by giving plenty of vinegar, or any other vegetable acid, such as lemon-juice, &c.

† See *Antimonium Tartarizatum*.

|| See *Liquor Ammoniacæ*, above.

¶ *Lyttæ Cantharides*, or *Blistering Flies*. If taken internally, Orfila recommends oil to excite vomiting, or sugar and water, milk, or decoctions of linseed. Anodyne emollient clysters should be given, and the warm-bath resorted to.

‡ See *Arsenici Oxydum Sublim.*

§ See *Hydrargyri Oxymuriatis*.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Mel Rosæ	[Used principally in gargles.]	
Mentha piperīta	Stimulant, carminative	gr. x to ʒj.
— viridis	Stimulant, stomachic	gr. x to ʒj.
Menyanthes	Tonic, laxative. [In infusion ʒj to Oij of water]	ʒiss to ʒil.
* MEZERĚI CORTEX	{ Antivenereal. [Generally used with other things, as in Decoct. Sarsaparil. C.]	
Mistūra Ammoniāci,	Attenuant, expectorant, antispasmodic	f. ʒiv to f. ʒj.
— Amygdālæ	Cooling, demulcent	f. ʒij to f. ʒiv.
— Assafoetidæ	Stimulant, expectorant, antispasmodic	f. ʒiss to f. ʒiss.
— Camphoræ	Antispasmodic, diaphoretic	f. ʒiss to f. ʒij.
— Crætæ	Astringent, antacid	f. ʒj to f. ʒij.
— Ferri composīta	Astringent, tonic	f. ʒj to f. ʒij.
— Guaiāci	Stimulant, diaphoretic	f. ʒiss to f. ʒij.
— Moschi	Diaphoretic, antispasmodic	f. ʒiss to f. ʒij.
Moschus	Demulcent	gr. v to ʒj.
Mucilāgo Acaciæ	Demulcent. [Seldom used but in clysters.]	f. ʒj. to f. ʒiss.
— Amyli		
Myristicæ Nuclēi	Stimulant, aromatic	gr. v to ʒj.
Myrrha	Emmenagogue, tonic	gr. x to ʒj.
Olēum Amygdālæ	Emollient, demulcent	f. ʒiiij to f. ʒj.
— Anisi	Stimulant, carminative	m v to m x.
— Anthemīdis	Tonic, stomachic	m v to m x.
— Carui	Stimulant, carminative	m j to m v.



— Juniperi —	—	—	Stimulant, carminative, diuretic	—	— m ij to m x.
— Lavandulæ —	—	—	Stimulant	—	— m j to m v.
— Lini —	—	—	Emollient, demulcent	—	— f. 3ij to f. 3iv.
— Menthæ piperitæ —	—	—	Stimulant, carminative	—	— m j to m ij.
— — viridis —	—	—	Stimulant, carminative	—	— m ij to m v.
— Origani —	—	—	Stimulant	—	— m j to m ij.
— Pimentæ —	—	—	Stimulant, aromatic	—	— m ij to m v.
— Pulegii —	—	—	Stimulant, antispasmodic	—	— m j to m vj.
— Ricini —	—	—	Cathartic. [ <i>Operates speedily and pleasantly.</i> ]	—	— f. 3fs. to f. 3j.
— Rosmarini —	—	—	Stimulant	—	— m ij to m v.
— Succini —	—	—	Stimulant, antispasmodic	—	— m x to 3fs.
— Olëum sulphuratũm —	—	—	Stimulant, expectorant	—	— m x to f. 3fs.
— Terebinthinae rectificatũm —	—	—	[ <i>In tænia 3fs to 3ij.</i> ] Stimulant, diuretic	—	— m x to f. 3j.
— Olibanum —	—	—	Stimulant, corroborant	—	— gr. x to 3fs.
— Olivæ Olëum —	—	—	Emollient, demulcent	—	— f. 3ij to f. 3v.
+ Opium —	—	—	Anodyne, narcotic	—	— gr. fs to gr. iv.

X

ANTIDOTES IN CASES OF POISON.

\* *Mezereon Bark and Berries.* If the latter were eaten by children, they would, undoubtedly, prove poisonous. In case of such an accident, oleaginous and demulcent fluids might be administered with advantage. It is said, by Withering, that twelve of the berries of mezereon caused instantaneous death to a child.

+ *Opium, or Laudanum,* should be first evacuated from the stomach, by giving an emetic of sulphate of zinc dissolved in a little water, and not in a large quantity of water, as is usually the custom. The throat should be tickled with the finger, if the patient can be persuaded to do it; but if vomiting cannot under these circumstances be excited, repeat the emetic of sulphate of zinc after the former dose has been taken about a quarter of an hour, or gr. iv to gr. viij. of sulphate of copper may be administered. Copious draughts of fluids ought by no means to be given, as the object is to have these antidotes in as

con-



<i>Names.</i>		<i>Properties, &amp;c.</i>	<i>Doses.</i>
Opopanācis Gummi-resīna	-	Stimulant, antispasmodic, deobstruent	- gr. x to ʒfs.
Origānum	-	Stimulant. [See <i>Ol.</i> ]	- ʒj. to ʒj.
Oxymel simplex	-	Cooling, expectorant	- f. ʒj to f. ʒj.
— Scillæ	-	Expectorant, detergent	- f. ʒis to f. ʒij.
Petrolēum	-	Stimulant, antispasmodic	- m x to f. ʒfs.
Pilŭlæ Alōēs composītæ	-	Purgative, stomachic	- gr. x to ʒj.
— Alōēs cum Myrrha	-	Purgative, emmenagogue	- gr. x to ʒj.
— Galbāni composītæ	-	Stimulant, antispasmodic	- gr. x to ʒj.
— Cambogīæ composītæ	-	Cathartic, anthelmintic	- gr. x to ʒj.
— Hydrargŷri	-	Alterative, antisymphilitic	- gr. v to gr. x.
— — — — — Submuriātis	}	Alterative, diaphoretic	- gr. v to gr. x.
— — — — — composītæ			
— Saponis cum Opio	-	Anodyne, narcotic	- gr. iij to gr. x.
— Scillæ composītæ	-	Attenuant, expectorant, diuretic	- gr. x to ʒj.
Pimentæ Baccæ	-	Stimulant, aromatic, carminative	- gr. v to ʒj.
Pipëris longi Fructus	-	Stimulant, aromatic	- gr. v to ʒj.
— nigri Baccæ	-	Stimulant, aromatic	- gr. v to ʒj.
Pix arīda	-	[ <i>Externally</i> —stimulant, anodyne.]	- gr. v to ʒj.
— liquida	-	[ <i>Externally</i> —stimulant.]	-
* PLUMBI SUBCARBŌNAS	-	[ <i>In lotions and ointments</i> —cooling, astringent.]	gr. fs to gr. ij.
* — SUPERACĒTAS	-	[ <i>In lotions</i> —cooling]. <i>Internally</i> —astringent.	f. ʒj to f. ʒfs.
Porri Radix	-	Stimulant, diuretic [ <i>Juice.</i> ]	- ʒj to ʒij.
Potassæ Acētas	-	Diaphoretic, diuretic, deobstruent	-



† —	CARBŌNAS	-	-	-	Antacid, attenuant, diuretic	-	-	gr. x to ʒfs.
† —	NITRAS	-	-	-	Refrigerant, diaphoretic, diuretic	-	-	gr. x to ʒfs.
† —	SUBCARBŌNAS	-	-	-	Antacid, diuretic, attenuant	-	-	{ gr. x to ʒfs. properly diluted.
—	Sulphas	-	-	-	Cooling, aperient	-	-	ʒj to ʒfs.
—	Sulphurētum	-	-	-	Diaphoretic	-	-	gr. v to gr. xv.
—	Supersulphas	-	-	-	Mildly cathartic, cooling	-	-	ʒfs to ʒij.
—	Supertartas	-	-	-	Laxative, diuretic, cooling	-	-	ʒj to ʒj.

#### ANTIDOTES IN CASES OF POISON.

concentrated a state as possible. Vinegar and acidulated drinks, which, before the poison be evacuated, would only increase its energy, may afterwards be resorted to with considerable advantage. When laudanum or opium has been long taken and comatose symptoms are present, blood-letting from the jugular-vein or arm is recommended by Orfila, which should be accompanied at intervals, with small doses of the sulphate of zinc, and the bowels ought to be freely evacuated with a clyster of strong infus. of senna and Epsom, or Glauber's salts, to a pint of which, gr. iv. of tartarized antimony may be added. In confirmation of bleeding being advantageous, see an interesting case related by W. M. Ross, Esq., in the *Edinburgh Journal for April 1823*. The dashing of cold water over the body has been found serviceable.

\* When the *Subcarbonate, Superaetate, or other preparations of Lead* have been taken internally, it has been customary to give liver of sulphur; but this practice Orfila considers dangerous. Glauber's and Epsom salts in solution, in hard well water, should be given repeatedly, and the throat should be tickled with the finger to excite vomiting. But where the poison has been taken some time, the inflammatory symptoms must be subdued by bleeding, castor-oil in large doses, given internally, clysters exhibited; and, in short, the treatment usually resorted to in Colica Pictonum, or painter's colic, must be actively employed.

† See *Liquor Ammoniac*.

‡ *Nitrate of Potass, Saltpetre*. In the *Edinburgh Clinical Reports*, by Dr. Duncan, jun., for 1817 and 1818, page 141, is a case of *Ulcus Palati*, after poisoning by nitre. "C. A." (the patient), had taken *two ounces of nitre!* which was given to her by mistake for Glauber's salts. It does not appear, that she took any thing to counteract the ill effects of such an over-dose; as it is merely stated, that she soon got well by the use of astringent gargles, and that previously to her admission into the Infirmary, she had used lime-juice and water to gargle her throat. Milk and mucilaginous drinks should be given in cases of this kind, and emollient enemas, with opium, thrown into the intestines.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Potassæ Tartras - - -	Mildly cathartic - - -	5j to ʒj.
Pterocarpī Lignum - - -	[Used for colouring tinctures, &c.] - - -	
Pulegium - - -	Stimulant, antispasmodic, emmenagogue - - -	gr. x to ʒj.
Pulvis Aloës composītus - - -	Warm cathartic - - -	gr. x to ʒj.
Antimonīālis - - -	Febrifuge, sudorific - - -	gr. v to gr. x.
Cinnamōmī composītus - - -	Stimulant, carminative, aromatic - - -	gr. v to gr. x.
Contrajervæ composītus - - -	Stimulant, diaphoretic - - -	gr. xv to ʒij.
Cornu usti cum Opō - - -	Anodyne, absorbent - - -	gr. v to gr. x.
Cretæ composītus - - -	Astringent, carminative - - -	ʒss to ʒj.
— cum Opō - - -	Astringent, carminative - - -	ʒj to ʒij.
Ipecacuanhæ composītus - - -	Anodyne, diaphoretic - - -	gr. v to ʒj.
Kino composītus - - -	Astringent, stomachic - - -	gr. v to ʒj.
Scammonīæ composītus - - -	Cathartic - - -	gr. v to ʒj.
Sennæ composītus - - -	Cathartic - - -	ʒj to ʒj.
Tragacanthæ composītus - - -	Demulcent - - -	gr. x to ʒj.
Pyrethri Radix - - -	Stimulant, sialagogue - - -	gr. iij to gr. x.
Quassīæ Lignum - - -	Tonic, stomachic [See <i>Infus.</i> ] - - -	gr. v to ʒss.
Quercus Cortex - - -	Strongly astringent - - -	gr. x to ʒss.
Rhamni Baccæ - - -	Cathartic. [See <i>Syrup.</i> ] - - -	
Rhēi Radix - - -	Purgative, stomachic, astringent - - -	gr. x to ʒss.
Rheados Petala - - -	[See <i>Syrup.</i> ] - - -	
Rosæ Canīnæ Pulpa - - -	[See <i>Confectio.</i> ] - - -	
— centifoliæ Petāla - - -	[See <i>Syrup and Aqua.</i> ] - - -	



— Gallicæ Petāla	-	-	[See Syrup and Infus.]	-	-	gr. x to ʒfs.
Rosmarīni Cacumīna	-	-	Stimulant, antispasmodic. [See Ol.]	-	-	ʒfs to ʒj.
Rubīæ Radix	-	-	Astringent, diuretic, emmenagogue	-	-	gr. xv to ʒij.
Rutæ Folia	-	-	Stimulant, attenuant, antispasmodic	-	-	gr. v to gr. x.
*SABINÆ FOLIA	-	-	Stimulant, antispasmodic, aperient, diuretic	-	-	gr. x to ʒfs.
Sagapēnum	-	-	Aperient, deobstruent, antispasmodic	-	-	gr. x to ʒj.
Salicis Cortex	-	-	Tonic, astringent	-	-	gr. v to ʒfs.
Sambūci Flores	-	-	[In fomentations—discutient.]	-	-	gr. x to ʒj.
Sapo dūrus	-	-	Diuretic, cathartic	-	-	gr. v to ʒfs.
Sarsaparillæ Radix	-	-	Alterative, diaphoretic [See Decoct. & Extract.]	-	-	ʒj to ʒj.
Sassafras Lignum et Radix	-	-	Stimulant, diaphoretic	-	-	ʒj to ʒj.
✕†SCAMMONĚÆ GUMMI-RESINA	-	-	Cathartic, hydragogue	-	-	gr. v to gr. xv.
Scillæ Radix	-	-	Expectorant, diuretic [the dried powder.]	-	-	gr. j. to gr. iij.
Senegæ Radix	-	-	Diaphoretic, diuretic, cathartic. [See Decoct.]	-	-	ʒj to ʒij.
Sennæ Folia	-	-	Cathartic	-	-	ʒj to ʒj.
Serpentariæ Radix	-	-	Tonic, aromatic, stimulant, antiseptic	-	-	gr. x to ʒfs.
Simaroubæ Cortex	-	-	Tonic, stomachic	-	-	gr. x to ʒfs.
Sināpis Semīna	-	-	Stimulant, attenuant	-	-	ʒj to ʒfs bruised.
†SODÆ CARBONAS	-	-	Antacid, deobstruent	-	-	gr. x to ʒfs.
— Subcarbonas	-	-	Antacid, deobstruent	-	-	gr. x to ʒfs.

#### ANTIDOTES IN CASES OF POISON.

\* *Savine*. Sometimes taken to cause abortion. For treatment, see *Colocynthis Pulpa*.

† *Scammony*. See *Colocynthis Pulpa*. ‡ See *Liquor Ammoniac*.



Names.		Properties, &c.		Doses.	
Sodæ Subcarbonas exsiccata	-	Antacid, attenuant, lithontriptic	-	-	gr. v to gr. xv.
Subboras	-	Diuretic, emmenagogue	-	-	gr. x to ʒss.
Murias	-	[Used principally in lotions—stimulant.]		-	-
Sulphas	-	Cathartic	-	-	ʒj to ʒj.
Soda tartarizāta	-	Gently aperient	-	-	ʒij to ʒjss.
Spartīi Cacumīna	-	Cathartic, diuretic	-	-	ʒj to ʒj.
Spigeliæ Radix	-	Anthelmintic, cathartic	-	-	gr. x to ʒij.
Spirītus Ætheris aromaticus	-	Stimulant, stomachic	-	-	f. ʒss to f. ʒj.
nitrici	-	Diuretic, diaphoretic, antispasmodic	-	-	f. ʒss to f. ʒj.
sulphurici	-	Stimulant, diaphoretic, antispasmodic	-	-	f. ʒss to f. ʒj.
posītus	-	{ [Hoffman's Anodyne.] Stimulant, anti-spasmodic	-	-	f. ʒss to f. ʒj.
AMMONIÆ	-				
aromaticus	-	Stimulant, diaphoretic, antispasmodic	-	-	f. ʒss to f. ʒj.
foetidus	-	Stimulant, diaphoretic, antispasmodic	-	-	f. ʒss to f. ʒj.
succinatū	-	Stimulant, antispasmodic	-	-	f. ʒss to f. ʒj.
Anīsi	-	Stimulant, antispasmodic	-	-	ʒ x to f ʒj.
Armoraciæ composītus	-	Stimulant, carminative, stomachic	-	-	f. ʒij to f. ʒss.
Camphoræ	-	Stimulant, antiscorbutic, stomachic	-	-	f. ʒij to f. ʒj.
Carui	-	[Externally—stimulant, anodyne.]		-	-
Cinnamōmi	-	Stimulant, carminative	-	-	f. ʒij to f. ʒj.
Juniperi composītus	-	Stimulant, stomachic	-	-	f. ʒij to f. ʒj.
	-	Stimulant, carminative, diuretic	-	-	f. ʒij to f. ʒj.

in water.



— Lavandulæ	-	{ [Used to make Spirit Lavand. C. and Liniment. Camph. C.]	
— — — — — compositus	-	Stimulant, antispasmodic	- f. ʒss to f. ʒij.
— Menthæ piperitæ	-	Carminative, stimulant	- f. ʒj to f. ʒj.
— — — — — viridis	-	Carminative, stimulant	- f. ʒj to f. ʒj.
— Myristicæ	-	Cordial, stimulant	- f. ʒj to f. ʒj.
— Pimentæ	-	Carminative, stimulant	- f. ʒj to f. ʒj.
— Pulegii	-	Carminative, antihysteria	- f. ʒj to f. ʒj.
— rectificatus	-	{ Rectified Spirit. Used for making tinctures, also a useful adjunct in evaporating and stimulating lotions.	
— tenuior	-	{ Proof spirit, equal parts of rectified spirit and water.	
— Rosmarini	-	Stimulant	- f. ʒj to f. ʒiv.
Spongia	-	[Used to form tents for dilating wounds, &c.]	
— — — — — usta	-	Antacid, deobstruent, tonic	- ʒj to ʒij.
Stannum	-	Tin filings—anthelmintic	- ʒj to ʒff.
† STAPHISAGRIÆ SEMINA	-	{ Powerfully cathartic. [Used externally for the itch, &c.]	
Styracis Balsamum	-	Stimulant, expectorant	gr. iij to gr. x. - gr. x to ʒss.

#### ANTIDOTES IN CASES OF POISON.

\* See *Liquor Ammoniac.*

† *Stavesacre Seed* taken in an over-dose, may be treated as *Colocynthis Pulpa*; which see.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Succinum -	- Antispasmodic, corroborant	℥j to ʒj.
Sulphur lotum -	- Gently laxative, diaphoretic	ʒss to ʒij.
— præcipitatum -	- Gently laxative, diaphoretic	ʒss to ʒij.
Syrupus simplex -	- { Used with other medicines, to render them more agreeable	f. ʒj to f. ʒij.
— Althæa -	- Demulcent, emollient	f. ʒj to f. ʒij.
— Aurantiörum -	- Stomachic	f. ʒj to f. ʒij.
— Croci -	- Cordial. [ <i>Used principally for colouring.</i> ]	-
— Limönium -	- Cooling	-
— Mori -	- Cooling, expectorant	f. ʒj to f. ʒss.
— Papavëris -	- Anodyne. [ <i>Its strength uncertain</i> ]	f. ʒj to f. ʒij.
— Rheädos -	- [ <i>Used principally for colouring.</i> ]	<i>Dose to Children:</i>
— Rhamni -	- Cathartic. [ <i>Chiefly used in clysters.</i> ]	f. ʒj to f. ʒij.
— Rosæ -	- Gently aperient to children	<i>Dose to Adults.</i>
— Sennæ -	- Useful purgative for children	f. ʒss to f. ʒij.
— Tolutānus -	- Expectorant, balsamic	f. ʒj to f. ʒij.
— Zingibëris -	- Carminative, stomachic	f. ʒj to f. ʒij.
*TABĀCI FOLIA -	- [ <i>See Infusum Tabaci.</i> ]	-
Tamarindi Pulpa -	- Cooling, laxative	ʒss to ʒss.



Taraxāci Radix	-	-	Aperient, diuretic, resolvent. [ <i>Juice.</i> ]	-	f. ʒfs to ʒjfs.
Terebinthīna Canadensis	-	-	Stimulant, diuretic, detergent	-	ʒj to ʒj.
— Chīa	-	-	Stimulant, corroborant, diuretic	-	ʒj to ʒj.
— vulgāris	-	-	[ <i>Externally</i> —stimulant, rubefacient.]	-	-
Testæ præparatæ	-	-	Antacid, absorbent	-	ʒfs to ʒjfs.
Tinctūra Alōēs	-	-	Purgative, stomachic	-	f. ʒfs to f. ʒjfs.
— composīta	-	-	Stimulant, aperient, emmenagogue	-	f. ʒj to f. ʒij.
— Assafoetidæ	-	-	Stimulant, antispasmodic	-	f. ʒfs to f. ʒjfs.
— Aurantīi	-	-	Tonic, stomachic	-	f. ʒij to f. ʒij.
— Benzoes composīta	-	-	Expectorant, antispasmodic	-	f. ʒfs to f. ʒjfs.
— Calumbæ	-	-	Tonic, stomachic	-	f. ʒj to f. ʒij.
— Camphoræ composīta	-	-	Anodyne	-	f. ʒj to f. ʒij.
— Capsīci	-	-	Stimulant, aromatic	-	f. ʒfs to f. ʒij.
— Cardamōmi	-	-	Stimulant, carminative	-	f. ʒj to f. ʒij.
— composīta	-	-	Stimulant, stomachic	-	f. ʒj to f. ʒfs.
— Cascarillæ	-	-	Stimulant, tonic	-	f. ʒj to f. ʒfs.
— Castorei	-	-	Antispasmodic, stimulant	-	f. ʒj to f. ʒij.
— Catechu	-	-	Astringent	-	f. ʒj to f. ʒij.
— Cinchonæ	-	-	Tonic, stomachic	-	f. ʒj to f. ʒij.
— ammoniata	-	-	Tonic, stimulant	-	f. ʒfs to f. ʒij.
— composīta	-	-	Tonic, stomachic, stimulant	-	f. ʒj to f. ʒij.
— Cinnamōmi	-	-	Stimulant, stomachic, astringent	-	f. ʒj to f. ʒij.

ANTIDOTES IN CASES OF POISON.

\* *Tobacco Leaves*, or an *Infusion of Tobacco*. For the treatment, see *Belladonna*. But should the poison have been taken long, brandy and cordials must be given.



<i>Names.</i>		<i>Properties, &amp;c.</i>		<i>Doses.</i>
Tinctura Cinnamomi composita		- Stimulant, carminative, stomachic	-	- f. ʒj to f. ʒiij.
* — DIGITALIS	-	- Diuretic, sedative. [ <i>Gradually.</i> ]	-	- m v to m xl.
— Ferri ammoniati	-	- Astringent, tonic	-	- m xx to f. ʒj.
— — Muriatis	-	- Tonic, astringent	-	- m x to m xx.
— Gentianæ composita	-	- Tonic, stomachic	-	- f. ʒj to f. ʒiij.
— Guaiaci	-	- Stimulant, diaphoretic	-	- f. ʒj to f. ʒij.
— — ammoniata	-	- Stimulant, diaphoretic, antispasmodic	-	- f. ʒj to f. ʒiij.
+ — HELLEBORI NIGRI	-	- Alterative, emmenagogue	-	- f. ʒss to f. ʒj.
— Humuli	-	- Tonic, sedative	-	- f. ʒss to f. ʒiij.
+ — HYOSCYAMI	-	- Narcotic, anodyne	-	- m xv to f. ʒij.
— Jalapæ	-	- Cathartic	-	- f. ʒj to f. ʒss.
— Kino	-	- Astringent	-	- f. ʒj to f. ʒij.
§ — LYTTÆ	-	- Diuretic, stimulant	-	- m xv to f. ʒj.
— Myrrhæ	-	- Tonic, deobstruent	-	- f. ʒss to f. ʒj.
— OPII	-	- Narcotic, anodyne	-	- m x to m lx.
— Rhêi	-	- Purgative, stomachic	-	- f. ʒij to f. ʒiis.
— — composita	-	- Purgative, stomachic	-	- f. ʒss to f. ʒiis.
— Scillæ	-	- Expectorant, diuretic	-	- m xv to f. ʒj.
— Sennæ	-	- Carminative, cathartic	-	- f. ʒss to f. ʒj.
— Serpentariæ	-	- Stimulant, tonic, diaphoretic	-	- f. ʒj to f. ʒiij.
— Valerianæ	-	- Antispasmodic	-	- f. ʒij to f. ʒss.
— — ammoniata	-	- Stimulant, antispasmodic	-	- f. ʒj to f. ʒij.
— Zingiberis	-	- Stimulant, carminative, stomachic	-	- f. ʒj to f. ʒiij.
Tormentillæ Radix	-	- Astringent	-	- ʒj to ʒij.



Toxicodendri Folia	-	-	Stimulant, astringent, narcotic	-	gr. j to gr. x.
Tragacantha	-	-	Demulcent	-	gr. x to ʒj.
Tussilago	-	-	Demulcent, expectorant. [ <i>In Infus.</i> ]	-	f. ʒiv to Ofs.
Ulmī Cortex	-	-	Tonic, diuretic, alterative. [ <i>See Decoction.</i> ]	-	-
Uvæ Passæ	-	-	Demulcent	-	ad libitum.
— Ursi Folia	-	-	Astringent, tonic	-	gr. x to ʒij.
Valerianæ Radix	-	-	Antispasmodic, stimulant	-	ʒj to ʒj.
¶ VERATRI RADIX	-	-	{ Violently cathartic. [ <i>Seldom given internally.</i> ]	-	{ gr. ij to gr. v.
	-	-	{ <i>See Decoct.</i> }	-	{ f. ʒiv to f. ʒjfs.
Vinum Aloës	-	-	Purgative, stomachic	-	f. ʒj to f. ʒiv.
— Ferri	-	-	Astringent, tonic, deobstruent	-	m xv to m xl.
— Ipecacuanhæ	-	-	Emetic ʒls to ʒj. — Febrifuge, diaphoretic	-	m x to f. ʒj.
** — Opii	-	-	Anodyne, narcotic	-	{ f. ʒfs to f. ʒij.
¶ — VERATRI	-	-	{ Emetic, cathartic. [ <i>Must be used with</i>	-	{ gr. j to gr. vj.
	-	-	{ <i>caution.</i> }	-	{ gr. j. to gr. ij.
†† ZINCI OXYDUM	-	-	Tonic, antispasmodic	-	gr. v. to ʒj.
†† — SULPHAS	-	-	{ Operates quickly as an emetic, in doses of	-	
	-	-	{ from gr. x to ʒ's. Tonic.	-	
Zingibëris Radix	-	-	Carminative, stimulant, stomachic	-	

ANTIDOTES IN CASES OF POISON.

\* See *Digitalis Folia*.

† See *Hellebori fatidi Folia*.

† See *Hyoscyami Folia*.

¶ See *Opium*. *Tr. Opü* is generally called *Laudanum*, but this is wrong, as that appellation was originally applied to, and meant *Vinum Opii*.

¶ *Wine of white Hellebore*. See *Hellebori fatidi Folia*.

†† For the treatment of poisoning from preparations of Zinc, see *Arsenic*.

\*\* *Vinum Opii, Laudanum*. See *Opium*.

§ See *Lytta*.



THE HISTORY OF THE  
CITY OF BOSTON  
FROM THE FIRST SETTLEMENT  
TO THE PRESENT TIME  
IN TWO VOLUMES  
BY NATHANIEL BENTLEY  
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# A LIST OF ABBREVIATIONS

USED IN

## PRESCRIPTIONS, &c.

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*A.* or *aa.* — *ava, ana*, signifies of *each*. It is placed after two or more substances, thus :

*R.* Tincturæ lavandulæ, —  
———— cinnamoni, *aa* ʒij.

*i. e.* take of tincture of lavender, and of tincture of cinnamon, of each, two drachms.

*Abdom.* — *Abdōmen*, the belly.

*Abs. febr.* — *Absente febre*, the fever being absent.

*Ad 2 vic.* — *Ad duas vices*, at two takings.

*Ad. gr. acid.* — *Ad gratam aciditatem*, to an agreeable acidity.

*Ad libit.* — *Ad libitum*, at pleasure.

*Add.* — *Adde, add* ; *addantur*, let them be added ; *addendus*, to be added.

*Admov.* — *Admoveatur*, let it be applied ; *admoveantur*, let them be applied.

*Adst. febre* — *Adstante febre*, the fever being present.

*Aggred. febre* — *Aggrediente febre*, the fever coming on.

*Altern. horis* — *Alternis horis*, at every other hour.

*Alvo adst.* — *Alvo adstricto*, the belly or bowels being bound.

*Aq. bull.* — *Aqua bulliens*, boiling water.



*Aq. ferv.* — *Aqua fervens, boiling water.*

*Bis ind.* — *Bis indies, twice daily.*

*BB. Bbds.* — *Barbadensis, Barbadoes.*

*Bull.* — *Bulliat, let it boil; bulliant, let them boil.*

*Cærul.* — *Cærulëus, blue.*

*Cap. or Capt.* — *Capiat, let him take [i. e. let the patient take.]*

*C. m.* — *Cras mane, to-morrow morning.*

*Coch. ampl.* — *Cochleäre amplum, a large spoonful.*

*Coch. infant.* — *Cochleäre infantis, a child's spoonful.*

*Coch. magn.* — *Cochleäre magnum, a large spoonful*

*Coch. mod.* — *Cochleäre modicum, a middling-sized spoonful, i. e. a dessert spoonful.*

*Cech. parv.* — *Cochleäre parvum, a little spoonful, or tea-spoonful.*

*Col.* — *Colātus, strained.*

*Colat.* — *Colātur, let it be strained.*

*Colat.* — *Colaturæ, of or to the strained [liquor.]*

*Colent.* — *Colentur, let them be strained.*

*Comp.* — *Compositus, compound.*

*Cont. rem.* — *Continuentur remediā, let the medicines be continued.*

*Coq.* — *Coque, boil; or, coquantur, let them [i. e. the ingredients] be boiled.*

*Crast.* — *Crastinus, of to-morrow.*

*Cuj.* — *Cujus, of which.*

*Cujusl.* — *Cujuslibet, of any.*

*Cyath. theæ* — *Cyātho theæ, in a cup of tea.*

*Deb. spiss.* — *Debīta spissitūdo, a proper consistence.*

*Decub.* — *Decubītus, lying down.*

*De d. in d.* — *De die in diem, from day to day.*

*Dej. alvi* — *Dejectiones alvi, throwings down of the bowels, — stools.*

*Det.* — *Detur, let it be given; dentur, let them be given.*

*Dieb. alt.* — *Diebus alternis, every other days.*

*Deb. tert.* — *Diebus tertiis, every third days.*

*Dim.* — *Dimidius, one half.*



*Dir. prop.* — *Directiōne propriâ, with a proper direction.*

*Donec alv. bis dej.* — *Donec alvus bis dejiciatur, until the bowels are twice moved.*

*Donec alv. sol. fuer.* — *Donec alvus soluta fuerit, until the bowels shall have become relaxed.*

*Ejusd.* — *Ejusdem, of the same.*

*Enem.* — *Enēma, a clyster; plural, enemata, clysters.*  
It is derived from the Greek *εμψυ*, to inject, and is of the neuter gender.

*Ext. sup. alut.* — *Extende super alutam, spread upon leather.*

*F. pil. xij.* — *Fac pilulas duodecim, make twelve pills.*

*Feb. dur.* — *Febre durante, during the fever.*

*Fem. intern.* — *Femoribus internis, to the inner part of the thighs.*

*Ft. embrocat.* — *Fiat embrocatio, let an embrocation be made.*

*Ft. gargar.* — *Fiat gargarysma, let a gargle be made.*

*Ft. haust.* — *Fiat haustus, let a draught be made.*

*Ft. mist.* — *Fiat mistura, let a mixture be made.*

*Ft. pil. xij.* — *Fiant pilulae duodecim, let twelve pills be made.*

*Ft. pulv.* — *Fiat pulvis, let a powder be made.*

*Ft. or F. venæs.* — *Fiat venæsectio, let bleeding be performed.*

*Fist. arm.* — *Fistula armata, a prepared pipe, i. e. a clyster-pipe and bladder prepared for use.*

*Fl.* — *Fluidus, liquid.*

*Gel. quav.* — *Gelatina quavis, in any sort of jelly.*

*G. G. G.* — *Gummi guttae Gambiæ, Gamboge drops.*

*Gr.* — *Granum, a grain; or grana, grains.*

*Gtt.* — *Gutta, a drop; or guttae, drops.*

*Gutt. quibusd.* — *Guttis quibusdam, with a few drops.*

*Har. pil. sum. iij.* — *Harum pilularum sumantur tres, let three of these pills be taken.*

*Hor. decub.* — *Horâ decubitûs, at the hour of lying down, i. e. at going to bed.*

3 pills



- Hor. som.* — *Horâ sommi*, at the hour of sleep, i. e. at bed-time.
- Hor. un. spatio* — *Horæ unius spatiô*, at the expiration of an hour.
- Hor. interm.* — *Horis intermediis*, at intermediate hours.
- Ind.* — *Indies*, daily.
- In pulm.* — *In pulmento*, in gruel.
- Inj. enem.* — *Injiciatur enëma*, let a clyster be given.
- Iat. dol.* — *Latëri dolente*, to the affected side.
- M.* — *Misce*, mix; also *mensurâ*, by measure; and *manipûlus*, a handful.
- Mane pr.* — *Mane primo*, early in the morning.
- Min.* — *Minimum*, the 60th part of a fluid-drachm.
- Mitt.* — *Mitte*, send; *mittatur*, let it be sent; *mittantur*, let them be sent.
- Mitt. sang. ad ʒxvj. saltem.* — *Mittatur sanguis ad uncias sedëcim saltem*, let blood be taken away to sixteen ounces at least.
- Mod. præsc.* — *Modo præscripto*, in the manner prescribed.
- Mor. sol.* — *More solito*, in the usual manner.
- N.* — *Numero*, in number.
- N. M.* — *Nux moschata*, a nutmeg.
- O.* — *Octarius*, a wine pint.
- Ol. lini s. i.* — *Olëum lini sine igne*, linseed oil without fire, [i. e. cold drawn.]
- Omn. bid.* — *Omni biduô*, every two days.
- Omn. bih.* — *Omni bihoriô*, every two hours.
- Omn. hor.* — *Omni horâ*, every hour.
- Omn. man.* — *Omni mane*, every morning.
- Omn. noct.* — *Omni nocte*, every night.
- Omn. quadr. hor.* — *Omni quadrante horæ*, every quarter of an hour.
- Oz.* — *The ounce avoirdupoise weight.*
- P.* — *Pondo* by weight.
- P. Æ.* — *Partes æquâles*, equal parts.
- P. D.* — *Pharmacopœia Dublinensis*, pharmacopœia of Dublin.



*P. E.* — Pharmacopœia Edinensis, *pharmacopœia of Edinburgh.*

*P. L.* — Pharmacopœia Londinensis, *pharmacopœia of London.*

*Part. vic.* — Partītis vicibus, *in divided doses.*

*Per. op. emet.* — Peracta operatione emetici, *the operation of the emetic being finished.*

*Post sing. sed. liq.* — Post singulas sedes liquidas, *after each liquid or loose stool.*

*P. r. n.* — Pro re nata, *occasionally, [i. e. according to circumstances.]*

*P. rat. æt.* — Pro ratione ætātis, *according to the state of age; [i. e. according to the age of a person.]*

*P. or Pug.* — Pugillus. This word in Pliny signifies a handful, but it is intended to mean a gripe between the finger and thumb.

*Q. P.* — Quantum placet, *as much as you please.*

*Q. s.* — Quantum sufficiat, *as much as may be sufficient.*

*Qqe. hor.* — Quaque horâ, *at every hour.*

*Quor.* — Quorum, *of which.*

*℞.* — Recipe, *take.*

*Red. in pulv.* — Redactus in pulvĕrem, *reduced to powder.*

*Redig. in pulv.* — Redigātur in pulvĕrem, *let it be reduced to powder.*

*Reg. umbil.* — Regio umbilīci, *the region of the navel, [i. e. the parts about the navel.]*

*Repet.* — Repetātur, *let it be continued; or repetantur, let them be continued.*

*S. A.* — Secundum artem, *according to art.*

*Semidr.* — Semidrachma, *half a drachm.*

*Semih.* — Semihōra, *half an hour.*

*Sesunc.* — Sesuncīa, *an ounce and a half.*

*Sesquih.* — Sesquihōra, *an hour and a half.*

*Si n. val.* — Si non valeat, *if it should not answer.*

*Si op. sit* — Si opus sit, *if there should be occasion.*

*Si vir. perm.* — Si vires permittant, *if the strength permit.*



*Sign. n. pr.* — Signetur nomine proprio, *let it be marked with the proper name ; as, Tincture of Lavender, instead of Tinctura Lavandulæ, &c.*

*Ss.* — Semi, *half.*

*St.* — Stet, *let it stand ; or stent, let them stand.*

*Sub. fin. coct.* — Sub finem coctionis, *towards the end of boiling, [i. e. when boiling is just finished.]*

*Sum. tal.* — Sumat talem, *let him [i. e. the patient] take such as this.*

*S. V.* — Spiritus vinosus, *ardent spirit.*

*S. V. R.* — Spiritus vinosus rectificatus, *rectified spirit of wine.*

*S. V. T.* — Spiritus vinosus tenuis, *weak spirit of wine, [i. e. proof spirit ; half spirit of wine and half water].*

*Temp. dext.* — Tempori dextro, *to the right temple.*

*Temp. sinist.* — Tempori sinistro, *to the left temple.*

*T. O.* — Tinctura Opium, *tincture of Opium.*

*T. O. C.* — Tinctura Opium camphorata, *camphorated tincture of Opium — paregoric.*

*Ult. præscr.* — Ultimo præscriptus, *the last prescribed.*

*V. O. S.* — Vitello ovi solutus, *dissolved in the yolk of an egg.*

*Vom. urg.* — Vomitione urgente, *the vomiting taking place, [i. e. when the vomiting begins].*

*Zz.* — Zinziber, *ginger.*



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