

## CANNABIS INDICA.

East Indian Hemp.

THE true Cannabis Indica is imported from India—that grown in England, from trial, is proved to possess little, if any, of the narcotic properties of the Indian Hemp.

Its physiological effects are stated by Dr. Pareira as follows:

It operates as a phrenic, in moderate doses, producing exhilaration, inebriation with phantasms and more or less confusion of intellect, followed by sleep; in large doses, causing stupor: hence it may be called an exhilarant, inebriant, phantasmatic, hypnotic or soporific, and stupefacient or narcotic. It acts as an anæsthetic. It relieves pain, and is therefore employed as an anodyne. Mr. Donovan found that under its influence his sense of touch and feeling became gradually obtuse, until at length he lost all feeling, unless he pinched himself severely.

Dr. Christison states that he felt a pleasant numbness of his limbs after its use.

It relieves spasms, and therefore is employed as an antispasmodic. In large doses it produces a cataleptic condition (in which the muscles are moderately contracted, but flexible and pliant, and the limbs retain any position or attitude in which they may be placed). It does not appear to affect the secretions much. It neither excites nausea nor lessens the appetite. It neither causes dryness of the tongue nor constipation of the bowels. It does not appear to check, or otherwise affect the bronchial secretions.

Medical Uses.—It is chiefly employed for its hypnotic, anodyne, and antispasmodic properties; also for its mental influence (as a phrenic and nervine). Compared with opium, it is less certain than that agent, but has, however, several advantages—it does not constipate the bowels, lessen the appetite, create nausea, produce dryness of the tongue, check pul-

monary secretions, or produce headache.

As a hypnotic, it has been used with advantage with spirit drinkers, and has produced sleep when large doses of morphine had failed. In hysterical patients, and in cases of chorea, it has been employed to produce sleep, when the use of opium was objectionable.

As an anodyne, it is used in acute and subacute rheumatism, in gout, and in neuralgia. As an antispasmodic, it has been employed in tetanus, hydrophobia, malignant choiera,

chorea, and infantile convulsions, with marked relief in many instances.

As a phrenic, or medicinal agent, affecting the mental functions, it has been employed with much success. Dr. Clendenning speaks favorably of its use as a nervine stimulant in removing languor and anxiety and raising the pulse and spirits, and many cases are mentioned of its beneficial effect in mental depression, as well as marked cases of insanity.

#### PREPARATIONS.

 Fluid Extract.
 Dose, 5 to 10 drops.

 Solid Extract
 " 1 to 2 grains.

 Pills, ½ grain.
 " 2 to 4.

 " 1 to 2.
 " 1 to 2.

For Tincture, Draught, Syrup, Mixture, Wine, Pills of Cannabis Indica, see Book of Formulæ.

# FLUID AND SOLID EXTRACTS.

FLDID EXTRACTS are designed to meet the requirements of the practice of medicine by supplying a strength of preparation, intermediate between the Theture and Solid Extract, or the still further concentrated form, as found in the Alkaloids Resinoids, &c. Considered apart from their convenience, the beauty and uniformity of the Fluid Extracts have given them great popularity with the profession, and that, too, a popularity well deserved. They claim to represent the crude material, and, the same time, being middless and countries and contribute the crude material, and in a form simple, portable, and easy to be administered and combined, at the same time, being uniform in strength, conforming to the prescribed officinal preparations. Conceding the Fluid Extracts to be made from the best materials, and by processes calculated to secure the presence of the active matters of the drugs, they will contain for long periods, unimpaired, the tues of the drugs they represent,

In their preparation we observe one standard of strength and quality; invariably use the best materials, as well as the proper agents for obtaining the active principles; exhaust, without the aid of heat, in apparatus of our own invention; and avoid chemical change whatever by subsequent evaporation in a vacuum.

The advantages of Fluid Extracts thus prepared are too obvious to be questioned. With many articles, this affords the The advantages of Fluid Extracts thus prepared are too obvious to be questioned. With many articles, this alfords the only method of preserving their entire activity; and with all, it avoids the want of uniformity incident to powders, alike with the bulk of infusions, or the stimulation accompanying theories; imparts definiteness to prescriptions; and places at disposal positive and reliable preparations, which can be recommended with confidence to families for domestic use.

positive and remains preparations, which can be recommended with communic to manness or domestic use.

They are by far the best form that can be employed in administering medicine, especially when an *immunitate* effect is desired, from the uniform and complete solution of the active principles of the plant in our Fluid Extracts, rendering their action on the system immediate and requiring no digestion in consequence of the absence of sedimentary matter.

The Fluid Extracts are not liable to ferment, as are Syrups; do not deteriorate by age, as do Powders; begin to act as soon as administered; require to be taken in small doses; and are of especial convenience and security when a medicine is to persevered in for & length of time.

persevered in for Lemgin of time.

Co-operating with the American Medical Association and Pharmaceutical Society in the plans and aims to establish a sound system of officinal preparations, it has ever been our constant aim, as Manufacturing Pharmaceutists and Chemists, to sound system of officinal preparations, it has ever been our constant aim, as Manufacturing Pharmaceutists and Chemists, to observe with scrupulous exactness that none but reliable preparations issue from our establishment. With the Physician rests the duty of inquiring into the character of the preparations kept by Apothecaries, deciding for himself what is genuine and reliable, directing the employment of such in his prescriptions, and their administration otherwise.

reliable, directing the employment of such in his prescriptions, and their administration otherwise.

Physicians have, after numerous triats, rejected many really efficacions medicines, not realizing any sufficient effect from them, while the secret of their ill success lay in the inadequacy of the common modes of preparation to draw out the virtues them, while the secret of their His success ray in the madequacy of the common modes of preparation to draw out the virtues of the plants. Our own experience, and the testimony of the highest authorities, convince us that no failure arising from a similar cause can occur in the use of our Extracts; but that, on the contrary, they will supply what the profession has long subserve the highest ends in the general range of Medical Practice.

## LIST OF

Flued and Solid Extracts, Alkaloids, Resinoids, Pharmaceutic Sugar-coated Pills and Granules, with synopses of their Medical Properties.

Napellus (Aconite) .- A powerful narcotic. Used in scormatism, neutralgia, epilepsy, paralysis, amazois, serofak, syphilis, meutralgia, epilepsy, paralysis, amazois, serofak, syphilis, dermieth fever, dropsies, &c. Valuable as an entiphologistic remedy, and in cases of active cerebral congestion or inflammation.

Fluid Extract—Dose: 2 to 8 drops.

Solid Extract—Dose: 2 to 8 drops.

Pills—1, ½ and 1 grain each.

Aletris Karthosa (Star Grass),—One of the most intense itters known. Used in builsion as a tonic and stomachic; arge doses produce nauses, and a tendency to vomit. Has een employed in chronic rheumatism and dropsy.

Fluid Extract—Dose: 10 to 30 drops.

Aletridin-Dose: 1 to 3 grains.

Alnus Rubra (Tag Alder).—Alterative, emetic, and stringent. Useful in scrofula, secondary syphilis, and several astringent. Useful in scrofula, second forms of cutaneous diseases.

Fluid Extract—Dose: 1 to 2 drams.

Abuin—Dose: 1 to 3 grains.

Anthemis Nobilis (Chamomile).—Tonic. Used in a second particular of the second digestion, general debility, and languid appartie. In large doses will act as an emetic.

Find Extract—Dose: ½ to 1 dram.

Solid Extract—Dose: 4 to 20 grains.

Pilb—2 grains each.

Apoeynum Androssemifolium (Bitter Root). - Val nable in the treatment of chronic hepatic affections; used as an emedic and diaphoretic; as an alterative in syphilitic and scroft ulons affections, as well as in intermittents and the low stage

of typhoid fevers. Is well as in intermittents and the low stage Final Entract—Dose: Tonic, 10 to 20 drops; Diaphoretic, 15 o 25 drops; Ennetic, ½ to 1 dram.

Solid Extract—Dose: 2 to 8 grains.

Apagymin—Dose: ½ to 2 grains.

Pills—2 grains each.

Apocynum Cannabinum (Indian Henp).—Powerfully enteic; in decoction, diurette and diaphoretic. It produces much nausea, diminishes the frequency of the pulse, and appears to produce drowsiness, independently of the exhaustic consequent upon vomiting. Of magical efficacy in dropsy.

Fluid Extract—Dose: Tonic, 5 to 15 drops; Emetic, 20 to 60 drops.

Solid Extract—Dose . 1 to 5 grains. Pills—I grain each.

Arctostaphylos Uva Ursl (Uva Ursi).—Uva Ursi is an astringent tonic, and has a specific direction to the urinary organs, for complaints of which it is chiefly used; has reputation as an antilithe in gravel, chronic nephritis, ulceration of the kidneys, biader, and urinary passages. It has been recommended in place of Ergot of Rye. It does not cause such powerful contractions, nor is its use attended with as much danger.

Fluid Extract—Dose: 1/2 to 1 dram. Solid Extract—Dose: 5 to 15 grains.

Solid Extract—1968: 5 to 10 formus.

Aristolochia Serpentaria (Virginia Snakeroot).—
A stimulant tonic, used in typhoid fever, whether idiopathic or symptomatic, when the system begins to feel the necessity for support, but is unable to beer active stimulation. Its action may be much improved by combination with Cinchona, particularly in internitient fevers. Employed as a gargle in malignature of the section pant sore throat.

Fluid Extract—Dose: 1/4 to 1/4 dram.

Arnica Montana (Leopard's Bane). - Arnica is a stimment in advance described the popular of Bone).—Arnica is a stime the erspiration and accelerates the pulse. Is used as a tonic in heumatism and diseases of the bladder, but more particularly is a domestic remedy in sprains, bruises, rheumatism and ceal inflammation.

Fluid Extract—Dose: 10 to 60 drops.

Arremisia Absinthium (Wormwood).—Anthelminie, tonic, and narcotic. Used in intermittent fever, jaundice, and corms. Promotes the appetite in atonic dyspepsia, amenorhea, obstinate diarrhea, de. Externally, it is useful in fomentions for broises and local inflammations. Pluid Extract—Dose: \$\frac{1}{2}\$ to \$\frac{1}{2}\$ grains.

Asclepias Incarnata (White Indian Hemp).—Emetic, and diuretic. Useful in catarrh, asthma, rheumatism,

id Extract-Dose: 3 to 5 grains.

Ascleptias Tuberosa (Pleurisy Roc).—The Pleurisy Roci).—The Pleurisy Roci is carminative, tonic, and directic; used inpleurisy, pneumonia, catardt, febrile diseases, acute rheumatism, and dysenery. Efficient in flatulency and indigestion.

Plud Extract—Dose: ½ to 2 drams.

Ascleptidin—Dose: 1 to 5 grains.

Aspidium Filix Mass (Male Fern).—Its specific property is anthelminic. The accounts of its efficacy in the treatment of tapeworm are too numerous to admit of any reasonable doubt on the subject.

Solid Extract—Dose: 9 to 15 grains.

Pills—2 grains each.

Atropa Belladonna (Belladonna). - Belladonna is Atropa Belladonna (Belladonna).—Belladonna is a powerful narcotic, possessing also diaphoretic and diuretic properties. Exceedingly valuable in convulsions, neuralgia, hooping-cough, rheumatism, goni, paralysis, and similar diseases having their seat chiefly in the nervous system. It is esteemed as a prophylactic in scarlatina, and is also need with success in quinsy and hernia.

Fluid Extract—Dose 5 to 10 drops.

Solid Extract—Ose ½ to 1 grain.

Palls—½, ½ and 1 grain each.

#### FLUID AND SOLID EXTRACTS.

Baptisia Tine Jria (Wild Indigo).—Principally used on account of its anti-eptic virtues. It is an excellent application as a wash or gargle to all species of ulcers, as malignant ulcerous sore mouth and throat, mercurial sore mouth, scrofulus or syphilitic ophthalmia, &c.

Fluid Extract—Dose: ½ to ½ dam.

Baptisin—Dose: ½ to ½ grain.

Bapasma Crenata (Buchu).—Buchu is given chiefly in complaints of the urinary organs attended with increased uric acid, as gravel, chronic catarth of the bladder, morbid irritation of the bladder and urethra; also in dyspepsia, chronic rheumatism, cutaneous affections, and dropsy.

Fluid Extract—Dose: ½ to 2 drams.

BUCHU COMPOUND-Composed of Buchu, Uva Ursi, Juniper

od Cubebs. Fluid Extract—Dose: ½ to 2 drams.

Canells Alba (Canella).—Canella is possessed of the or-dinary properties of aromatics; acts as a local stimulant and gentle tonic; valuable as an addition to tonic or purgative med-cines in debilitated states of the digestive organs. Seldom

prescribed except in combinations.

Fluid Extract—Dose: 15 to 30 drops.

Fluid Extract—Dose: 15 to 30 drops.

Canmabls Indicae (Indian Hemp, Foreign).—Phrenic anaesthetic, autispasmodic, and hypnotic. Unlike opium, it does not constipate the bowels lessen the appetite, create nauses, produce dryness of the tongue, check pulmonary secretions, or produce headache. Used with success in hysteria, chores, gout, neuralgia, acute and sub-acute rheumatism, tetanus, hydrophobia, and the like.

Fluid Extract—Dose: 5 to 10 drops.

Solid Extract—Dose: 1 to 2 grains.

Pills—1/2 and 1 grain each.

Pills—½ and I grain each.

Capsleum Annuum (Cayenne Pepper).—A powerful stimulaut, and a condiment: is very useful incorrecting flattlency in dyspepsia; promoting digestion; in sea-sickness; on the first occasio for a nuses; in dropsies; in malignant sore throat and seals force; as a gargle; in intermittents with Quinned ow forms of fever; in cholera; and in hot climates, for obvisting the black vomit.

Fluid Extract—Dose: 5 to 15 drops.

Cassia Acutifolia (Senna).—It is well adapted to cases which require an active and certain purgative; in constipation and inactivity of the elementary canal, requiring frequent ase to purgatives; in worms; in determination of the blood to the head. It can be used by persons of all ages as a purgative, with

Fluid Extract—Dose: 1 to 2 drams.
Solid Extract—Dose: 3 to 8 grains.

SENNA, AQUEOUS .- A mild and sure purgative, with proper ties similar to the last.

Fluid Extract—Dose: 1 to 2 drams.

SENNA AND JALAP.—This is a concentrated form of the compound powder of Jakap, and is a good antibilious cathartic.

Fluid Extract—Dose: % to 1 dram.

Cephrells Ipecacuanha (Ipecac).—It is a mild and tolerably certain emetic, and being usually thrown from the stomach in one or two efforts, it is not apt to produce dangerous effects. It is especially useful, when poisons have been swallowed; in cases of dysentery; as a manseate in asthma, hooping-cough, and the hemerrhages; and as an expectorant in catarrhal and other pulmonary affections.

Fluid Extract—Dose: Expectorant, 5 to 10 drops: Emetic, ½ to 1 dram.

Chelidonium Majus (Great Clandine).—As a drastic hydragogue, fully equal to gamboge. Useful in hepatic affections, and is supposed to exert a special influence on the spleen. Applied in the form of a poultice to scrofulous and cutaneous diseases and piles; also, to indolent ulcers, fungous growths, &c. Fluid Extract—Dose: 10 to 20 drops.

Solid Extract—Dose: 5 to 10 grains

Chelone Glabra (Balmony).—Tonic, cathartic, and anthelmintic. Valuable in jaundice and hepatic diseases, likewise for the removal of worms. Used as a tonic, in small doses in dyspepsia, debility of the digestive organs, and during convalescence from febrile and inflammatory diseases.

Fluid Extract—Dose: 1 dram. Chelonin,—Dose: 1 to 2 grains.

Chenopodium Anthelminticum (Wormseed).—
Wormseed is one of our most efficient indigenous anthelmintics, and is thought to be particularly adapted to the expulsion of the round worms in children. A dose of it is usually given before breakfast in the morning, and at beddime in the evening, for three or four days successively, and then followed by some brisk eathartic.

eathartic.

Fluid Extract—Dose: 1 to 2 drams.

Chimaphila Umbellata (Pipsisseva. Prince's Pine)
—Tonic, diuretic, and astringent. Highly recommended in
dropsy; useful in disordered digestion and general debility
raeumatism, nephritic affections, and scrofula; in obstinate, illconditioned ulcers; in cutaneous eruptions; and in chronic affections of the urinary organs.

Arrantii Cortex (Orange Peeb.—It is a mild tonic, possesses an undoubted influence over the nervous system, and cardinative, and a prachic, but is seldom used a lone. It is a been successfully used in chorea, epilepsy, nervous excitations and decoctions.

Fluid Extract—Iv & to 2 drams.

inresis.

Fluid Extract—Dose: ½ to 2 drams.

Solid Extract—Dose: 4 to 8 grains.

Cimitefugin—Dose: 1 to 6 grains.

BLACK COHOSH COMPOUND—Composed of Black Cohosh, Wild Therry, Ipecac, Liquorice, and Seneka, Fluid Extract—Dose: 1/2 to 1 dram.

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Cissampelos Pareira (Pareira Braca).—Useful in alculous affections, discusses of the urnary passages, circonic inflammation said ulceration of the kidneys and bladder. It alays irritability of the bladder, and corrects the disposition to rofuse mucous secretions.

Fluid Extract—Dose: 1/4 to 1 dram.

Cocculus Palmatus (Colombo).—Mild tonic. Used in simple dyspepsia; in those states of debility which attend convelescence from acute disorders, particularly in enfeeble: conviction of the alimentary canal, in dyscatery, choiera morbus and ditton of the alimentary canal, in dyscatery, choiera morbus and

The almentary canal, in dysect holers infantum.

Fluid Extract—Dose: 20 to 60 drops.

Solid Extract—Dose: 4 to 10 grains.

Pills—2 grains each.

Colchicum Autumnale.—Colchicum is princip Colchicum Autumnale.—Colchicum is principally used in the various forms of gout and rheumatism, in which experience has abundantly proved it to be a highly valuable remedy. It is also recommended in inflammatory and febried seasos, diseases of the heart, in various nervous complaints, as chorea, hysteria, and hypochondriasis, and chronic broughtst affections.

Fluid Extract of Colchicum Root—Dose: 3 to 12 drops.

Fluid Extract of Colchicum Seed—Dose: 5 to 15 drops.

Conium Maculatum (Poison Hemlock).—Powerful arcotic. Anodyne, antispasmodic, and deobstruent. Used a chronic enlargement of the liver, chronic rhenmatism, syhllis, neuralgic affections, asstmas, &c.

Fluid Extract—Dose: 5 to 29 drops.

Solid Extract—Dose: ½ to 1½ grains.

Pills—½, ½ and 1 grain each.

Convallaria Multiflora (Solomon's Sect). Tonic, muchaginous, and mildly astringent. Of much valuate leucorheat, menorrhagia, female debility, and pectoral affections. An infusion will be found of great efficacy in irritable conditions of the intestines, as well as in chronic inflammations of these parts, especially when attended with burning sensations, pains, &c. Fluid Extract—lose: 2 to 6 drams.

Cornus Flortda (Boxpood, Dogwood).—Tonic, astringent, and stimulant. Its internal use increases the force and requency of the pulse, and elevates, the temperature of the ody. It has been successfully substituted for cinchous in the

body. It has been successfully substitu-treatment of intermittents.

Fluid Extract—Dose: ½ to 2 drams.

Solid Extract—Dose: 5 to 10 grains.

Cornin—Dose: 1 to 10 grains.

Pills—2 grains each.

Corydalls Formosa (Turkey Corn).—One of the best emedies in syphilitic affections; valuable in scrotila, and cossesses tonic properties similar to the gentian, colombo, or ther pure bitters. Its alterative powers render it of immense

Fluid Extract—Dose: 10 to 40 drops. Corydalin—Dose: ½ to 1 grain.

Crocus Sativus (Safron).—Emmenagogue and disphoretic. Has been of benefit in amenorrhea, dysmenorrhea, chlorosis, hysteria, and in suppression of the mensirual discharge. It is a well-known domestic remedy in promoting the e.uption in exauthematous diseases. It imparts color and flavor to officinal tinctures.

Fluid Extract—Dose: 20 to 60 drops.

Croton Bleuteria (Cascarilla).—A pleasant and gen-le aromatic and tonic; employed in dyspepsia, chronic diar-thea and dysentery, flathent colic and other cases of debity of the stomach and bowels, and to arrest vomiting. Cascarilla counteracts the tendency of cinchona to produce nausea. Fluid Extract—Dose: 20 to 30 drops.

dropsy; useful in disordered digestion and general debiling recommended in the disordered digestion and general debiling results, and in chronic at conditioned ulcers; in cutaneous eruptions; and in chronic at fections of the urinary organs.

Pluid Extract—Dose: 1 dram
Solid Extract—Dose: 10 to 20 grains.

Clinicifuga Racemosa (Black Cohosh).—This remedy

## FLUID AND SOLID EXTRACTS.

Holid Extract—Dose: 5 to 15 grains. Solid Extract of Colocynth Compound—Dose: 2 to 30 grains.

CHPCHIMA Longa (Turmeric).—Stimulant, aromatic, ton-is, discussive, and heating: naed especially in the jaundice and the tich; also employed in debilitated states of the stomach, intermittent fever and dropsy. Fluid Extract—Dose: 2 to 3 drams.

Cypripedium Pubescens (Ladies' Slipper).—Tonic, nervine, antispasmodic. Employed in nervous headache, nervons iritability and excitability, hysteria, neuralgia, morbid condition of the nervons system, &c.

Fluid Extract—Dose: ½ to 1 drain.

Solid Extract—Dose: 5 to 15 grains.

Cypripedium—Dose: 2 to 4 grains.

Fills—2 grains each.

Fills—2 grains each.

Dature Strumonlum (Stramonium).—Narcotic, antispasmodic, anodyne, sedative. Employed in tetanus, mania, epilepsy, chorea, palsy, and various nervous affections. Effectual in many scute pains, as in those arising from chronic discases, or scute uterine affections, &c.

execute uterine affections, &c.

solid Extract—Dose: 5 to 20 drops.

Solid Extract—Dose: by 10 I grain

Fills—2 to 1 grain each.

Fill—'\(\frac{1}{2}\) to I grain each.

Digitalis Purperea (Foxglove).—Is narcotic, sedative and diuretic; sometimes emetic and purgative. It is prescribed as a sedative in hypertrophy of the heart, and in aneurism of the large vessels proceeding from it, in inflammatory diseases; in dropsy, on account of its great diuretic power; in hemorrhage, as a sedative. It possesses great power over the circulation, and is peculiar in its operation. It is one of those remedies which should never be administered without an accurate knowledge of their medicinal properties.

Fluid Extract—Dose: 5 to 10 drops.

Fluid Extract—Dose: 5 to 10 drops.

Fluid Extract—Dose: 7 to 10 drops.

Hose or a Villoza (Wild Yam).—Antispasmodic. Successfully used in bilions colic. Held to be as much a specific in bilions colic as quinis is in intermittents.

Dioscorein—Dose: 1 to 6 grains.

Epigeea Repens (Trailing Arbutus).—Diuretic and astringent. Is highly beneficial in gravel and all diseases of the urinary organs. It is prepared and administered in the same way with the ura uris and buchu. It acts similarly, and has given relief in cases where these have failed. Fluid Extract-Dose: 1 to 2 drams.

Brigota (Ergot). The ergot operates with great energy upon the contractile property of the uterus. It has been given to promote the expulsion of the placents, to restrain inordinate hemorrhages after delivery, and to hastes the discharge of the feetus in protracted cases of abortion.

Fluid Extract—Dose: 1/2 to 1 dram.

Pills—1 grain each.

Ethon ymus Atropurpureus (Wahoo).—Tonic, laxa-tive, alterative, diuretic, and expectorant; successfully used in intermittents, dyspepsis, torpid state of the liver, constipation, dropey, and pulmonary affections. Fluid Extract—Doge: 1 to 2 drams.

Eupatorium Perfoliatum (Boneset).-Tonic, dia phoretic; and in large doses, emetic and aperient. Used in colds, fevers, eatarths, remittent and intermittent fevers, typhoid-pneumonia, dropsy, drspepsia, and general debility. The Eupurpurs of the Expurpurs of the Expurs of th

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orders.
Fluid Extract—Dose: 1 to 2 drains.
Solid Extract—Dose: 5 to 20 grains.
Euwatorin—Dose: 1 to 2 grains.
Euwatorin—Dose: 1 to 2 grains.
Eupurpurin—Dose: 5 to grains.
Fills—2 grains each.

Gaultheria Procumbens (Wintergreen).—Stimulant, aromatic, and astringent. It is used in infusion in chronic diarrhea, as a diuretic in dysury, and as an emmenagogue.

Fluid Extract—Dose: 2 to 4 drams.

Gelseminum Sempervirens (Yellow Jessamine).—
It is an excellent febrifuge; has proved efficacious in nervous and billous headache, colds, pneumonia, hemorrhage, chorea, though it is in fevers especially in which its efficacy has been mostly observed. May be used in all forms of neuralgia, nerv-Fluid Extract—Dose: 3 to 20 drops.

Gelsemini—Dose: % to 2 grains.

Gentiana Lutea (Gentian).—It is a valuable tonic, adapted to those cases requiring the use of pure or simple bitters. It excites the appetite, invigorates the powers of digestion, and may be used in all cases of disease dependent on pure debility of the digestive organs, or requiring a general tonic. It has proved useful in dyseppsia, gout, hysteria, scrofula, intermittent fever, diarrhea, and worms, but is rather applicable to the condition of the stomach and system generally, than to any specific disease.

Fluid Extract—Dose: ½ to 1 dram.
Solid Extract—Dose: 3 to 15 grains.
Pills—2 grains each

Gentlan Compound—Composed of Gentian. Orange Peel, Noves, Canella, and Red Saunders. Fluid Extract—Dose: ½ to 1 dram

Fluid Extract—Dose: ½ to 1 dram

Gernntum Maculatum (Granesbill).—A powerful astringent. Used in chronic diarrhea, cholera infantum, hemorphages, &c. It forms an extinct a policiation as a gargle laster than the mouth, and is adapted a feet of the mouth, and is adapted the treatment of such discharges as continue from debility, after

Fluid Extract—Dose: ½ to 1 dram.

the removal of their exciting causes. The absence of unpleas ant taste, and all other offensive qualities, renders it peculiars serviceable in the cases of infants, and of persons with very del

cate stomachs. Pluid Extract—Dose: ½ to 1 dram. Fluid Extract—Dose: 3 to 15 grains. Gerunitn—Dose: 1 to 5 grains. Gerunitn—Dose: 1 to 5 grains. Pills of Gerunitn—I grain each. Pills of Ext. Gerunium—2 grains each.

Gillenia Trifoliata (Indian Physic) .- It is used the me as Ipecac, to which refer.

Fluid Extract—Dose: 4 to 12 drops.

Gossyphum Herbaceum (Cotton).—Emmenagogue, parturient, and abortive. It acts with as much efficiency and more safety than ergot. It operates without pain or gastric disturbance, producting no other effect than the excitation of the menstrual secretions, except perhaps some degree of anodyne influence. It is an excellent remedy in the treatment of chlorotic and anzemic females.

Fluid Extract—Dose: 4 drams.

Hæmatoxylon Campechianum (Logucod),—It is tonic and astringent, without any irritating properties. May be used with much advantage in disrrhea, dysentery, and in the relaxed condition of the boweis succeeding cholera infantum. Solid Extract.—Dose: ½ to 1 dram.

Solid Extract—Dose: 5 to 30 grains.

Pills-2 grains each.

Hamamelis Virginica (Witch Hasel) .- Witch Hazel Is tonic, astringent, and sedative; used in hemoptysis, hematemests, and other hemorrhages, as well as in diarrhea, dysentery, and excessive mucous discharges; in incipient philisis, in which it is supposed to possess an anodyne induence; also for sore mouth, painful tumors.

Fluid Extract—Dose: 1 to 2 drams.

Helleborus Niger (Black Hellebore). -It is a drastic hyiragogue catharite, possessed of emmenagogue powers; occa-ionally found useful in chlorosis, amenorrhea, &c. Pluid Batract—Dose: 10 to 2) drops. Solid Extract—Dose: 1 to 5 grains. Pille—I grain each.

Helouias Diolea (False Unicorn).—Tonic, diuretic, and vermifuge. Beneficial in colic, and in atony of the generative organs. It acts as a uterine tonic in leucorrhea, memorrhea, and to remove the tendency to repeated and successive miscardon remove the remove th

riages.
Fluid Extract—Dose: 1 to 3 drams.
Helonin—Dose: ½ to 1 grain.

Hepatica Americana (Livervort).—Liverwort is a very mild, demulcent tonic and astringent, supposed by some to possess directic and deobstruent virtues. It has been used in levers, hepatic complaints, hemoptysis, coughs, &c. Pluid Extract—Dose: 2 to 3 drams.

Humulus Lupulus (Hop).—Hops are tonic and moderately narcotic, and have been recommended in diseases of local and general debility, associated with morbid vigilance, or other nervous derangements. Useful in dyspepsis and the nervous tremors, wakefulness, and delirium of drunkards.

Fluid Zztract—Dose: ½ to 1 dram.

Solid Zztract—Dose: 5 to 20 grains.

Lupulin—Dose: 6 to 10 grains.

Lupulin—Dose: 6 to 10 grains.

Hydrangea Arboyceaceus (Hydrangea) —This plant was introduced to the medical profession by Dr. S. W. Butler, of Burlington, N.J., as a remedy for the removal of calculous or stony deposits in the bladder, and for relieving the excruciating pain attendant on the passage of a calculus through the urethra. The power of curing atone in the bladder is not claimed for fit; it is only while the deposits are small, when in that form of the disease known as gravel, that it is an efficient remedy; then by removing the nucleus, which if allowed to remain in the organ would increase in size and form stone, the diseases is averted.

Hydrastis Canadensis (Golden Sau) —Used in days.

Hydrastis Canadensis (Golden Scal).—Used in dys-pelas, chronic affections of the nervous coats of the stomach, prysipelas, remittent, intermittent, and typhoid fevers, stupor of the liver, and where tonics are required. In combination with Geranium it forms an efficient remedy in chronic diarrhea and

dysaliery.
Fluid Extract—Dose: ½ to 2 drams.
Solid Extract—Dose: 2 to 5 grains.
Hydrostin (Resinoid)—Dose: ½ to 5 grains.
Hydrostin (Neutral)—Dose: 2 to 6 grains.
Hydrostina (Alkaloid)—Dose: 1 to 5 grains.
Hydrostina (Alkaloid)—Dose: 1 to 5 grains.

Hyoscyamus Niger (Honbane).-It ranks among the Hyoscyamus Niger (Henbane).—It ranks among the narcotics. It accelerates the circulation, increases the general warmth, occasions a sense of heat in the throat, and after a short period induces seep. It does not constipate like optim, but often proves laxative. It is most frequently applied in neuralgic and spasmodic affections, theumatism, gout, hysteria, and various pectoral diseases, such as catarrh. pertussis, asthma, pithisis, &c.,

Fluad Extract—Dose: 10 to 20 drops.

Solid Extract—Dose: ½ to 1 grain.

Hyoscyamin—Dose: ½ to 2 grain.

Pills—½, ½ and 1 grain each.

#### FLUID AND SOLID EXTRACTS.

Solid Extract—Dose: 3 to 8 grains. Jalain—Dose: 1 to 2 grains. Pill—1 grain each.

Ins Florentina (Orris). - Possesses cathartic properties and in large doses, acts as an emetic. Chiefly used in pounds, on account of the agreeable odor it imparts.

Fixed Extract—To be used in compounds at discretion.

irls Versicolor (Blue Flag).—A potent remedy in drops, scorolula, hepatic, renal, and splenetic affections. It acts pore particularly on the glandular system, and in large doese it evacuates and exhausts the system, acting on the liver, and the alimentary canal throughout, fulfilling most of the indications

of mercury.

Fluid Extract-Dose: 20 to 60 drops. Solid Extract—Dose: 1 to 4 grains.

Iridin—Dose: ½ to 5 grains.

Iridin, Pills of—½ and 1 grain each.

Juglans Cineren (Butternut).—A mild catharite. Very efficacions in habitual constipation, dysentery, and other affections of the bowels. It evacuates without debilitating the alimentary canal.

Fluid Extract—Dose: 1 to 2 drams.

Juglandin—Dose: 5 to 20 grains.

Juglandin—Dose: 1 to 5 grains.

Juplandin—Dose: 1 to 5 grains.

Juni perus Sabina (Savin).—It is highly stimulant, increasing most of the secretions, especially those of the skin and aterus, to the latter of which organs it seems to have a perular direction; though in cases of pregnancy it must be used with caution. Useful in complaints of the kidneys, suppression of urine, and suppressed menstruation.

Fluid Extract—Dose: 10 to 30 drops.

Solid Extract—Dose: 1 to 5 grains.

Pills—1 grain each.

Krameria Triandra (Rhatany).—It is a powerful astringent, with tonic properties. Used internally with advantage in menorrhagia, hematemesis, passive hemsorrhages, chronic diarrhea. lencorrhea, chronic mucous discharges, and incontinence of urine: also as a local application in prolapsus and fasure of the anns, and leucorrhea.

\*\*Truid Extract—Dose: ½ to 1 dram.\*\*

\*\*Solid Extract—Dose: 5 to 20 grains.\*\*

Pille-1 grain each.

Fills—I grain each.

Lactuce Sativa (Lettuce).—Is usually given to quiet nervous irritability and allay cough. It may be given when opium is indicated, but cannot be given from idiosporacy of the patient. It does not produce that disturbance of the functions which usually follows opium.

Fluid Extract—Dose: ½ to 2 drams.

Solid Extract—Dose: 2 to 5 grains.

Pills—2 grains each.

Lappy Minor (Burdock).—Useful in scorbuite, syphilite, scoulons, gouty, leprous, and nephritic diseases. To prove effectual, its use must be perevered in for a long time. As an ointment, it has been employed with advantage in cutaneous diseases and obstinate ulera.

Fluid Extract—Dose: I dram.

Solid Extract—Dose: 5 to 20 grains.

Fills—2 grains each.

Laurus Sassafras (Sassafras).-Stimulant, and perhap Interiest Susserves (observes).—Summan, and pernapidaphereic. It is used mainly as an adjuvant to other medicines, the flavor of which it improves. It has been particularly recomme aded in chronic rheumatism, cutaneous eruptions soorbutio and syphiloid affections.

Fluid Extract—Dose: 1 to 2 drams.

Finit Extract—Jose: 1 to 2 drams.

Leontice Thalictroides (Blue Cohod).—Possessed of directe, disphoretic, and sathelmintic properties; is a valuable agent in all chronic uterine diseases; appears to exert an especial influence upon the uterus; has been successfully employed in rheumatism, dropsy, colle, biccough, epilepsy, uterine lencorrhea, amenorrhea, &c. In decough, epilepsy, uterine lencorrhea, amenorrhea, &c. In decough, epilepsy, uterine lenday is owing to debility, or want of aterine nervous energy, or is the result of fatigue.

Fluid Extract—Dose: 15 to 40 drops.

Solid Extract—Dose: 1 to 5 grains.

Caulophylin—Dose: ½ to 4 grains.

Pills—2 grains each.

Leon urus Cardiaca (Motherwort).—Recommended in nervous complaints, in irritable habits, delirium tremens, in all chronic diseases attended with restlessness, wakefulness, dis-turbed sleep, spinal irritation, neuralgio pains, and in liver af-

fections.

Solid Extract—Dose: 3 to 6 grains

Pills—2 grains each.

Leptandra Virginica (Culver's Root).—Tonic, cholagogue, and laxative; is employed in hepatic affections, as it actions upon the liver with energy and without active cathersis; in billious and typhoid fevers as a laxative and tonic, and in dyspepsia, diarrhea, and dysentery.

Fluid Extract—Dose: ½ to 1 dram.

Leptandrin.—Dose: ½ to 1, and 1 to 2 grains.

Leptandrin, Pills of—1 grain each.

Liatris Spicata (Button Snakeroof).—Diuretic, tonic, stimulant and emmenagogue. The infusion is efficacions in gleet, gonorrhea, and nephritic diseases; also in secrotina, dysmenorrhea, amenorrhea, after-pains, &c. Of advantage also as

Fluid Extract—Dose: 1 to 2 drams.

Listrin—Dose: 4 to 8 grains.

Lobella Inflata (Lobella).—Lobella is enictic, and in small doses, disphoretic and expectorant. It is of expecial advantage in spasmodic asthma, and is used in catarrh, croup, portussis, and other larryngeal and pectoral affections. In cases where relaxation is required, either to subdue spasm or otherwise, tobella will be found to be a valuable article.

Fluid Extract—Dose: Expectorant, 10 to 60 drops; Emetic, 10 to 10 drops; 2 drops and Lobelin—Dose: 12 to 12 grains.

LOBELIA COMPOUND-Composed of Labelia, Skunk Cabbage,

nd Bloodroot.

Fluid Extract—Dose: 10 to 60 drops and ½ to 1 dram.

Lycopus Virginicus (Bugle-weed) .- A mild varcotic, sedative, sub-astringent, styptic. A valuable remeity for hem-orrhage from the lungs, incipient phthisis, pneumonia; useful in quieting irritation and allaying cough; it appears to act like digitalis in abating the frequency of the pulse, but is far less

Fluid Extract—Dose: 1 to 2 drams.

Marrubium Vulgare (Horehound) .- Tonic, aperient, AMAPTEDIUM VUIGATE (Horehound).—Tonic, sperient, pectoral, and sudorific. Is largely employed in domestic practice in colds, asthma, catarrh, and other chronic affections of the lungs, attended with coughs and copious expectoration.

Fluid Extract—Dose: ½ to 1 dram.

Solid Extract—Dose: 5 to 10 grains.

Pills—2 grains each.

Mentha Piperita (Peppermint) .-- It is a powerful diffusive stimulant, antispasmodic, carminative, and stomachic. Used in flatulent colic, hysteria, spasms, or cramp in the atom ach; to allay the griping of cathettics; to check nausea and vomiting, and to disguise the unpleasant taste of other medi

cines.

Fluid Extract—Dose: 1 to 2 drams.

Mentha Viridis (Spearmint).—Like the last, it is carminative, antispasmodic, and stinulant. It is mainly used as a diuretic and febrifuge. The tinture has been found serviceable in genorrhea, strangury, gravel, &c.

Fluid Extract—Dose: 1 to 3 drams.

Myrica—Dose: 10 Strains.

Myrica—Cerifera (Eayberry).—Astringent and stimulant, and in large doses is apt to occasion ensesis. Successfully employed in scrofulz, jaundice, diarrhes, dysentery, and other diseases where an astringent stimulant is indicated. Beneficial as a gargle in sore mouth and throat.

Fluid Extract—Dose: 1 to 2 drams.

Myricin—Dose: 2 to 10 grains.

Nepeta Catarla (Catnip).—Carminative and diaphoretic in warm infusion. Used in febrile diseases, in flatulent colic, nervous headache, hysteria, and nervous irritability. Fluid Extract—Dose: 2 to 4 drams.

Fluid Extract—Dose: 2 to 4 drams.

Oplum.—The Fluid Extract of opium (Aqueous) is m the same strength as laudanum, and is lregely used in its stead; is anodyne in its action, promotes sleep, allays spasms and convulsions, and is valuable in nervous irritability. It can be used where laudanum or opium is generally applicable, without the unpleasant effects that usually follow from either. The fluid opium is denarcotized; prepared, seconding to the formula of Prof. Proctor.

Fluid Extract—Dose: 10 to 50 drops.

Papaver Somniferum (Poppy).—The Popry heads, though analogous to opium in medical properties, are exceedingly feeble. They are often given internally to calm irritation, to promote rest, and produce, generally, the narcotic effects of

opium.

Fluid Extract—Dose: ½ to 1 dram.

Solid Extract—Dose: 3 to 10 grains.

Pills—2 grains each.

Phytolacca Decandra (Poke). -It is a slow emetic, purgative, and somewhat narcoite. Used in chronic and syphilitic rheumatism, and for allaying syphilitic pains. It is said to be a sure cure for syphilis in all its stages, without the use of mercury. Acts as an alterative in scrofula and scrofulous discovery.

Solid Extract—Dose: 10 to 30 drops.
Solid Extract—Dose: 1 to 4 grains
Phytolaccin—Dose: ¼ to 1 grain.
Phytolaccin, Pills of—½ grain each.

Piper Angustifolium (Matico). - Principally styptic, also stimulant. Of advantage in epistaxis, leucorrhes, menor rhagia, chronic diarrhes, and diseases of the mucons membranes. As a local styptic it acts in the same manner as garic. Fluid Extract—Dose: ½ to 2 drams.

Piper Cubeba (Cubebs) .- Cubebs is gently stimumnt. with particular direction to the ninary organs has the power of arresting excessive discharges from the urcthra; used principally in the treatment of gonorrhea and gleet; elso used beneficially in leucorrhea, abscess of the prostate glands piles, and chronic bronchial inflammation, &c.

Fluid Extract—Dose: 34 to 134 drams.

Solid Extract—Dose: 2 to 20 grains.

Piper Nigrum (Black Pepper).—The R ack Pepper is a warm carminative stimulant, having the property of producing general arterial excitement. its elief mediculal application is so excite the languid stomach and correct flatulence.

Pluid Extract—Doss : 10 to 40 drops.

Podophyllum Peltatum (Mandrake) -It is a cortain cathartic; in large dose an emetic, alterative, anthelmin-tic, hydragogue, and sialogogue. It rouses the liver to vigor ous action, determines the blood to the surface, stimulates the

## FLUID AND SOLID EXTRACTS.

kidney promotes expectoration, augments the glandular functions, and cleanses the intestinal canal of all irritating substances. In small doses it acts as a powerful alterative. Useful in scrotluous and syphilitic diseases, hepatic affections, dysmenorrhea, rheumatism, gonorrhea; also administered beneficially in jaundice, dropsies, dysentery, diarrhea, bilions, remittent, and intermittent fevers, puerperal fever, typhoid fever, and all glandular enlargements. Its range of application is perhaps more extensive than any other cathartic medicine, and is indicated in all cases where the use of mercury is indicated. Fluid Extract—Dose: ½ to 1 dram.

Solid Extract—Dose: ½ to 12 grains.
Podophyllin—Dose: ½ to ½, and 1 to 3 grains.
Pills of Podophyllin—2s grain each.

Mandrake Compound—Composed of Mandrake, Senna and

MANDRAKE COMPOUND-Composed of Mandrake, Senna and

Fluid Extract—Dose: 1 to 2 drams.

Polygonum Punctatum (Water Pepper).—Stimulant, diuretic, emmenagogue, antiseptic, and vesicant. Used in colds, coughs, gravel, uterine diseases, &c.
Fluid Extract—Dose: 10 to 60 drops,
Solid Extract—Dose: 2 to 3 grains.

Polygala Senega (Seneka).—Seneka is a rtimulating diuretic and expectorant, and in large doses emetic and cathartic. It excites more or less all the secretions. It is peculiarly useful in chronic catarrhal affections, the secondary stages of croup, and in peripueumonia.

Fluid Extract—Dose: 20 to 40 drops.

Populus Tremuloides (American Poplar).—Tonic and febrifuge; has been used in intermittent fever with advantage. An intusion is reputed a valuable remedy in debility, want of appetite, feeble digestion, chronic diarrhea and worms. It is said to possess active diuretic properties.

Populin—Dose: 4 to 8 grains.

Prinos Verticillatus (Black Alder). - The Black Alde has been used with good effect in jamdice, diarrhea, intermit-tent fover, and other disenses connected with a debilitated state of the system especially gargeren and mortification. It is a popular emety in gangrenous or flabby and ill-conditioned ulcers, and in chronic cutaneous evuptions, in which it is given internally, and applied locally in the form of a wash or poultice. Fluid Extract—Dose: 1 to 2 drams.

Fluid Extract—Dose: 1 to 2 drams.

Prunus Virginiana (Wild Cherry).—Tonic and stimulant in operation on the digestive organs, at the same time exercising a sedative influence on the circulatory and nervous systems. It is useful in the convalescent stages of inflammatory attacks, and in many pulmonary diseases, imparting tonicity without exciting unduly the heart and blood-vessels. It is of general use in pithisis, scrofula, and dyspepsia.

Fluid Extract—Dose: 2 to 4 drams.

Prunin—Dose: 2 to 6 grains.

WILD CHERRY COMPOUND—Composed of Wild Cherry, Horeound, Lettuce, Veratrum, and Bloodroot.
Fluid Extract—Dose: ½ to 2 drams.

Fund Extract—Dose: ½ to 2 drams.

Quercus Alba (White Oak).—Tonic, astringent, and alterative. As an astringent it is very valuable; given in intermittent fevers, obstinate and chronic drarries, used as a gargle, and in baths for children. Applied externally as an eintment to ill-conditioned ulcers, piles, &c.

Fluid Extract—Dose: ½ to 1 dram.

Solid Extract—Dose: 10 to 20 grains.

Pills—2 grains each.

Rhamnus Catharticus (Buckthorn). - A powerful hyragogue and purgative. Seldom used alone. Fluid Extract—Dose: 1 to 1½ drams.

Rheum Palmatum (Rhubert).—Used as a purgative in mild cases of diarrhea, and cholera infantum; as a stomachic and tonic in dyspepsia accompanied with debilitated condition of the digestive organs; as a purgative for infants it is valuable, and is well adapted to a variety of children's complaints. Phild Extract—Dose: ½ to 1 dram.

Solid Extract—Dose: 2 to 10 grains.

Pills—I grain each.

Fuse—I grain each.

RHUBARS AND SENNA.—By a union of these drugs in the concentrated form of a Fluid Extract, and in due proportion, a cathartic is obtained which is safe, unattended by unpleasant symptoms, and not followed by constipation.

Fluid Extract—Desc: 1/2 to 1 dram.

RHUBARB AROMATIC. - Fluid Extract-Dose: 1/2 to 1 dram.

Rhus Glabrum (Sumach).—Tonic, astringent, antisep tic, and diuretic. Valuable in gonorrhea, lencorrhea, diarrhea dysentery, hectic fever, and scroolia.

Fluid Extract—Dose: 1 to 2 drams.

Rhusin—Dose: 1 to 2 grains.

Rubus Villosus (Blackberry).—Tonic and strengly astringent. An excellent remedy in diarrhea, dysentory, cholera infantum, relaxed conditions of the intestines of children, passive hemorrhage from the stomach, bowels, and uterus, and in

Fluid Extract—Dose: ½ to 1 dram. Solid Extract—Dose: 4 to 6 grains. Pills—2 grains each.

Rumex Crispus (Fellow Dock),—Alterative, tonic, mild-y astringent, and detergent. Useful in scorbutic and syphilitic diffections, leprosy, elephantiasis, &c. Fluid Extract—Dose: 1 to 2 drams.

Rumin-Dose: 4 to 8 grains

Ruta Graveolens (Rue).—Its action is chiefly discted to the nterms; in moderate doses proving emmenagogue, ad in large doses producing a degree of irritation in that organ which sometimes determines abortion. It has been successfully used in flatulent colic, hysteria, epilepsy, and is an efficient vernifuge.

fuge. Fluid Extract—Dose: 20 to 40 drops. Solid Extract—Dose: 2 to 4 grains. Pills—2 grains each.

Fuls-2 grams each.

Salix Alba (Willow).—Tonic and astringent, and has been employed as a substitute for quinia in intermittent fever. It is antispasmodic and febrifuge, and is less likely to offend the stomach and affect the nervons system than quinia.

Salicin—Dose: 2 to 10 grains.

Sanguinaria Canadensis (Bloodroot).--Valuable as Sanguinaria Canadensis (Bloodroot).—Valuable as an emete, naccotic, and stimulant. In small dose it stimulates the digestive organs, and accelerates the circulation, while in large doses it produces nausea and consequent depression of the pulse. Used in typhoid pneumonia, catarrh, pertussis, scarlatina, rheumatism, jaundice, dyspepsia, &c. Considered a specific in the early stages of croup.

Fluid Extract—Dose: 5 to 15 and 40 to 60 drops.

Solid Extract—Dose: ½ to 1½ and 2½ to 5 grains.

Sanguinarin (Resinoid)—Dose: ½ to 1 and 1½ to 2 grains.

Sanguinarin (Alkadiol)—Dose: 1:30th to 1-10th grains.

Fills—½ and 1 grain each.

Scilla Maritima (Squil).—Squill is expectorant, diuretic, and in large doses, emetic and purgative. As an expectorant, it is used both in cases of deficient and superabundant secretion from the bronchial mucous membrane. It is used in dropsy to increase the secretory action of the kidneys.

Fluid Extract—Dose: Expectorant and Diuretic, 2 to 6 drops; Emetic, 12 to 24 drops.

Emetic, 12 to 24 drops.

Scuill Compound—Coraposed of Squill and Seneka.

Fluid Extract—Dose: 10 to 20 drops.

Scuttellaria Lateriflora (Sculleap).—Scullcap is a valuable nervine. Those who have long used it, claim for it tonic properties, which give strength as well as quite to the system, and that it does not, like other nervines, leave the system in an excited and irritable condition. Used in tic-dolonerus, St. Vitus' dance, convalsions, tetanns, as well as in ordinary diseases of the nerves.

Fluid Extract—Dose: ½ to 1 dram. Scutellarin—Dose: 2 to 6 grains.

SCULLGAP COMPOUND—Composed of Scullcap, Ladies' Slipper, Hop, and Lettace. Fluid Extract—Dose: % to 1 dram.

Senecio Aureus (Life Root).—Diuretic, pectoral, dia-phoretic, and tonic. An excellent remedy in gravel and other urinary affections; is said to be a specific in straugury; very efficacious in promoting menstrual discharges, and a valuable ugent in the treatment of female diseases. Fluid Extract—Dose; ½ to 1 dram. Senecim—Dose; 3 to 5 grains.

Senecin—Dose: 3 to 5 grains.

Sinarulia Excelsa (Quassia).—It possesses in the highest degree all the properties of simple bitters. It is purely tonic, invigorating the digestive organs, with little excitement of the circulation, or increase of animal heat. Particularly adapted to dyspepsia and to that debilitated state of the digestive organs which sometimes succeeds acute disease.

Fluid Extract—Dose: ½ to 1 dram.

Solid Extract—Dose: 3 to 5 grains.

Pille—I grain each.

Pills—I grain each.

Smilax Offictnaiis (Sarsaparilla).—Possesses a high reputation as an alterative in the treatment of chronic rheumatism, scrofulous affections, cutaneous affections, syphiloid diseases, and that deprayed condition of the general health to which it is difficult to apply a name. Fluid Extract—Dose: 1 dram.

Solid Extract—Dose: 5 to 20 grains,

Pills—3 grains each.

SARSAPARILLA COMPONENT—Compounded of Sarsaparilla.

SARSAPARILLA COMPOUND—Compounded of Sarsaparilla, Prince's Pine, Liquorice, Mezereon, Sassafras, Yellow Dock, and

itterstoeet.
Fluid Extract—Dose: 1 dram.
Solid Extract—Dose: 5 to 20 grains. SARSAPARILLA AND DANDELION. Fluid Extract - Dose: 1 dram.

Fund Extract—Dose: I dram.

Solantyra Dulcamara (Bittersucet).—Chiefly used in syrup or infusion in cutaneous diseases, screinia, jaundice, syphilitic, rheumatic, and exchectic affections, leucorrhea and obstructed menstruation. Possesses feeble narcotic powers and necesses the secretions of the kidneys and the skin. It is escentially beneficial in the treatment of cutaneous eruptions of a caly charact.—Dose: ½ to 1 dram.

Solid Extract—Dose: ½ to 1 dram.

Find Extract—Dose: 3 to 8 grains.

Fruis—2 grams eacn.

Spligelia Marilandica (Pink Root).—Powerful anthelnimic. Over-doses excite the circulation, and determine to the rain, giving rise to vertigo, dimnes of vision, &c.

Fluid Extract—Dose: 1/2 to 11/2 drams.

PINK ROOT COMPOUND-Composed of Pink Root, Senna, avin, and Manna.

Fluid Extract—Dose: ½ to 2 drams.

PINK ROOT AND SENNA.
Plus Root AND SENNA.
Fluid Extract—Dose: ½ to 1 dram.
Spireca Tomentosa (Hardhack).—Tonic, astringent.
As an astringent it is administered in diarrhea, cholera-infantum, and other complaints where astringents are usually indi-

#### FLUID AND SOLID EXTRACTS.

cated, and said to be less liable to disagree with the stomach than other stringents.

Fluid z-ract—Dose: 4 to 20 drops.

Fluid E-race-10se: 4 to 20 crops.

Stilla-grace-10se: 4 to 20 crops.

Stilla-grace-10se: 4 to 20 crops.

Stilla-grace-10se: 4 to 20 crops.

For a stillar and as such is used in syphilitic affections ordinarily requiring the use of mercury; is semetical and admary in large doses. It has been used with efficacy in secondary syphilis, scrodial, cutanchus diseases, chronic hepatic affections, and other complaints generally benefited by altera-

Flid Extract—Dose: 20 to 40 drops. Stillingin—Dose: 2 to 5 grains.

Sillingia Compound.—Compounded of Stillingia, Turkey Cord, Blue Flag, Prince's Pine, Prickly Ash, Yellow Dock.

Third Extract—Dose: 1/2 to 1 dram.

Heid Extract—Dose: ½ to I dram.

Stry Chines I grantia (Ignatia Bean).—It is applicable in the wide range of symptoms known as dyspeptic. It has a tode, stimulating effect on all the organs connected with the digestive from the organs connected with the digestive from the qualiting their weakened and disturbed actions to possesses a large amount of strychnia, the active principal control of the Nux Vomica.

Princip Extract—Dose: 5 to 10 drops.

Solid Extract—Dose: ½ to 1½ grains.

Pills—½ grain each.

Pills—½ grain each.

Strychnos Nux Vomlca (Nux Vomica).—Nux Vomica is a violent excitant of the cerebro-spinal system, and, in large doces, is an active poison. In small doses, frequently repeated, it is tonic, diuretic, and even laxative. It is employed principally in the treatment of paralysis. It is said to be more beneficial in general palsy and paraplegia, than in hemiplegia, and has also been found of benefit in local palsies, as of the bladder; likewise in amaurosis, spermatorrhea, and impotence.

\*Pluid Extract—Dose: ½ to 2 grains.

\*\*Complexity\*\* The they apartically considered to the constant of the const

Symplytum Officinale (Comfrey).—The therapeutic effects of the Comfrey are due to its mucilaginous properties, which act upon the mucons membranes. It is demulcent, and somewhat astringent. Useful in diarrhea, dysentery, coughs, hemoptysis, other pulmonary affections, lencorrhea, and female debility.

Fluid Extract—Dose: 2 to 4 drams.

Symplocarpus Feete a (Skunk Cabbage).—Stimu lant, antispasmodie, expector—a slightly narcotic. Usefu in asthma, hooping-cough, particles in incoming catarry, pulmonary and bronchial affections.

Fluid Extract—Dose: 20 to 80 drops.

Tuni Extract—10se: 23 to 80 arops.

Thraxacum Dens-Leonis (Dandelion).—Valuable alterative, tonic, dinretic, and aperient. It has a specific action on the liver, exciting it to secretion when languid. Used with good effect in dryspepsia, discusses of the liver and spleen, and in the irritable condition of the stomach and bowels.

Fluid Extract—Dose: 1 to 2 drams.

Solid Extract—Dose: 10 to 29 grains.

Pills—2 varies asach.

Pills-2 grains each.

DANDELION COMPOUND .- Composed of Dandelion, Mandrake

nd Conium.

Fluid Extract—Dose: 1 to 2 drams.

TARRAGUM AND SENNA.—In favor with many physicians as an antibilious purgative. Used successfully with children, whe take it readily, seldom producing pain or ususea, and not likely to produce constipation. Used largely in place of castor-oil. Fluid Extract—Dose: 1 to 2 drams.

Trifolium Pratense (Red Clover).—Highly recommended in cancerous ulcers of every kind, and deep, ragged edged, and otherwise badly-conditioned burns.

Solid Extract—To be used at discretion.

Trillium Pendulum (Bethroot).—Astringent, tonic and antiseptic. It has been employed successfully in hematu ta, leucorthea, cough, asthma, and difficult breathing. Fluid Extract—Dose: 1 to 3 drams.

Trillin—Dose: 4 to 8 grains.

Valeriann Officinalls (Valerian).—Valerian is tonic and antispasmodic. It is useful in cases of irregular nervous action; in the morbid vigilance of fevers; in hypochondriasis, epilensy, and occasionally in intermittent and remittant fevers. Fluid Extract—Dose: 3 to 10 grains.

Solid Extract—Dose: 3 to 10 grains.

Weratrum Viride (American Hellebore) .- It is slightly disk the Firster (American Hellebore).—It is slightly do an excellent expectorant, a certain disphoretic, nervine, never narcotic, emetic, and arterial sedative, which last is most valuable and interesting property, and for which it do unparalleled and unequalled as a therapeutic agent. wid Extract—For full directions, see BOOK OF FORMULZ. waterin—Dose: 1-16th to ½ grain.

18s—½ and ½ grain each.

Xanthoxylum Fraxineum (Prickly Ash).—Used in languid conditions of the system; in theumatism, chronic syph-lis and hepatic derangements. The Xanthoxylin may be used in all cases when it is desired to stimulate and strengthen mu-

ous tissues.

Fluid Extract—Dose: 15 to 45 drops.

Xanthoxylin—Dose: 2 to 6 grains.

Pills—1 grain each.

Zing ther Officinale (Ginger).— Ginger is a grateful stimulati and caramative, often given in dyspepsis, flatulency, and imperfect digestion, as well as in colic, nausea, gout, spasms, choler morbus, &c.

Fluit Extract—Dose 1/2 to 11/2 drams.

## PHARMACEUTIC

## Sugar-Coated Pills and Granules.

(Not included in the above list.)

1/32 grain each.

Arsenious Acid.—Alterative and febrifuge. Has been exhibited in scirrhus and cancer, anomalous ulcers, intermittent fever, chronic rheumatism, particularly that form of it attended with pains in the bones, hemicrania and periodical headache. Dose—I to 3.

Atropia.—This alkaloid possesses the properties of the tropia Belladonna in a concentrated form. Dose—I to 2.

Strychnia.—Its effects upon the system are identical in character with those of Nex Voxica, and it is employed for the same purposes, as a medicine. Dose—1 to 2.

Morphia.—The chief, if not the exclusive narcotic principle of opium, from which, however, it differs somewhat in its mode of action. Dose—1 to 5.

Veratria.—Has been employed chiefly in gout, rheumatism, and neuralgia; also, in various nervous affections, as paralysis, hooping-cough, epilepsy, hysteria, and disorders dependent upon spinal irritation. Dose—1 to 3.

## 1/16 grain each.

Codela.—In the hands of M. Barbier it relieved painful at-ections having their seat in the great sympathetic. Dose—1 to 4.

1/8 grain each.

Iodine.—Principally employed in diseases of the absorbent and glandular systems. Dose—1 to 4.

### 1/4 grain each.

Kermes.—Recommended as an invaluable medicine in shildbed fevers, to premote diaphoresis, and to reduce the force of the circulation. Doss—2 to 4.

Nitrate of Silver.—Tonic and antispasmodis. Employd in epilepsy, chores, angina pectoris, and other spasmodic afections. Dose—1 to 2.

Proto-Iodide of Mercury.—Has been given in scrof-ula and scrofulous syphilis. Dose—1 to 2.

Proto-lockide of Mercury.—Has been given in account and scrotchious sphills. Dose—1 to 2.

Tartar Emetic.—Employed as an emetic of the commencement of fevers, especially those of an intermittent and billious character; in jaundice, hooping-cough, and evoue; and in several diseases of the nervous system, such as mania, amaurosis, tie-douloureux, &c. Dose—1 to 2.

## 1/2 grain each.

Ammonlated Copper (U. S. P).—Much employed in epilepsy, as it has also been used in chorea, hysteria, and worms.

Santonin.—Anthelmintic. Is much used in Europe in the reatment of worms. Dose—2 to 4.

Piperin.—Has been used alone in the treatment of intermittents, though it is more advantageously combined with substate of quina, when the stomach is not duly susceptible to the action of quinia. Dose—2 to 4.

Quinta, Valerianate of.—In cases of debility attended with nervous disorder. Dose—1 to 3.

## 1 grain each.

Ext. Conium and Ipecac (U.S.P).—An anodyne and expectorant combination, useful in chronic bronchial discreters. Dose—3 to 5.

From, Lactate of.—Possesses the general medical properties of the ferruginous preparations. Has a marked effect in increasing the appetite. Efficacious in chlorosis, with or without amenorrhea. Dose—I to 2.

Iron, Proto-Iddide of.—Tonic, alterative, diuretic, and emmenagogue. Sharpens the appetite, promotes digestion, and occasionally proves laxative. Chiefy emplered in scrofulous affections, swellings of the cervical glands, visceral obstructions attended with deficient action, chlorosis, atonic amenrrhea, and lencorrhea. Dose-2 to 4

Quevenne's Iron (reduced by Hydrogen).-Employed in anæmia, chlorosis, amenorrhea, chorea anæmia, chlorosis, ch

Quinta, Sulphate of.—Produces upon the system, so far as can be indiged from observation, the same effects as Peruvian bark, without being so apt to nauseate and oppress the stomach. Poss—I to 6.

Tannin.—Beneficial in diarrhea, in colliquative sweats in cases of chronic catarrh, with excessive and debilitating expectoration, in the advanced stages of hooping-cough, and in cystirrhea. Dose—2 to 4.

#### SUGAR-COATED PILLS

#### 2 grains each.

Anderson's (Antibilious and Purgative —An excellent pill for promoting the biliary secretions, and uniting an alterative with its purgative action. Dose—1 to 3.

Bismuth, Sub-Nitrate of.-Antispasmodic, absorbent, and slightly sedative, and astringent. Principally employed in painful affections of the stomach, such as cardialgia, pyrosis, and gastrodynie, in spasmodic diseases; and in dysentery and diarrhea. Dose—2 to 4.

Calonnel.—Peculiarly useful in the commencement of billous levers, in hepatitis, jaundice, billous and painters' colic, dysentery, especially that of tropical climates, and all other affections attended with congestion of the torpal system, or torpidity of the hepatic function. Dosc—I to 2.

Ext. Digitalis and Squill (U.S.P).—Indropsy. The invetic properties of each and enhanced by the combination.

Tpeene and Ophel' beer's Powder).—An admirable anodyne diaphoretic, not a bed, perhaps, by any other combination in the power of parting perspiration. Doce—2 to 6. Iron, Citrate of -- Shly-esteemed ferruginous preparation, Pose-2 to 3.

Magnesia, Calcondin-Antacid and laxative; mused in dyspepsia, sick-transcha, gout, and other complaatiended with sour stement and constipation. Dose-2 to 5.

Magnesia and Esculparb (1 grain of each).—An excellent combination in constipation and dyspepsia. Dose—1 to 4.

Optum and Accessic of Lead (1 grain of each).—Advantageous in hemorrhages, attended with great constitutional excitement. Dose—1 to 3.

Potassa, Tartrate of, and Iron.—Combines the cooling purgative qualities of the Tartrate, with the tonic properties of the Iron. Dosc—2 to 4.

Potassium. Iodide of.—Useful in scrofulous affections, and is one of the best alterative remedies in mercurio-syphilities sore throat. Dose—1 to 5.

Sulphur, Washed.—Principally used in hemorrhoidal affections, chronic rheumatism, and asthma. Dose-2 to 4.

Willow Charcoal.—Of advantage in diarrhea, and in spepsia. Dose-2 to 6.

## 21/2 grains each.

Elue PIII (U. S. P., 21/2 grains) .- Dose : 2 to 4. Blue Pill (U. S. P., 5 grains) .- Dose: 1 to 3.

Rooper's Pills.—Extensively used for their emmena-ogue properties. Dosc—1 to 3.

#### 3 grains each.

## Cochia PIII .- Dose : 1 to 3.

Colocynth Coropound and Blue PHI.—Employed in the commencement of fevers and febrile complaints; in congestion of the liver or portal system, and in obstinate constitution. Dose—2 to 3.

Colocynth Compound and Calomel. - Properties miles to the former. Dose-2 to 3.

Compound Calomel (Plummer's). - Dose: 1 to 2.

Compound Cathartic (U.S. P.)—Particularly adapted to the early stages of bilious fevers to bepatitis, jaundice, and all those derang.

'so fit he alimentary cond, or of the general health, which and on congestion of the portal circle.

Dosc—1 to 5.

Compound C. onel)—Formula public or Materia Medio and cholagogue pro-at the same time no Calomel in its compaAle. Improved (without Calo-1 April and May No. of JOHNSAL OSSESSES the purgative, alterative, 2 the U. S. P. Compound Cathartic, open to the objection of including and as a substitute for the U. S. P.

All, it is confidently recommended to the profesion. Dose

Compound Iron (U. S. P.)-Dose : 2 to 6. Copaiba and Ext. Cubebs .- Dose : 2 to

Copaiba, Ext. Cubebs, and Citrate of Iron.-

Dinner Pill (Lady Webster's).—A favorite pill in dyspep-a, indigestion, and constipation, Dose—1 to 3. Ext. Colocynth Compound. - Dose: 2 to 6

Ext. Colocynth Compound and Hyoseyn-mus (U. S. P.)-Dose: 1 to 6.

Ext. Cubebs and Alum.-Dose: 2 to 4.

Ext. Cubebs, Ext. Rhatany, and Iron. - Dose: 1

Ext. Rhubarb and Iron (U. S. P.)-Dose: 2 to 3. Gamboge Compound (U. S. P.)-Dose : 3 to 5.

Ipecac and Squill (U. S. P.)-Dose: 2 to 3.

Iron, Carbonate of (Vallet's Formula).—Particularly useful in chlorosis, amenorrhea, and other female complaints. Vallet's preparation is the best to produce the alterative effects of iron. Dose—3 to 10.

Manganese, Carbonate of, and Iron.—Tonic and terative. Useful in syphilis, chlorosis, and various skin disalterative. Useful in eases. Dose—1 to 3.

Podophyllin and Blue Pill.—An excellent alterative and cholagogue combination. Dose—1 to 2.

Soap and Oplum (U. S. P.)—A convenient form for administering opium in small quantities. Dose—1 to 3.

Squill Compound (U. S. P.)—Applicable to the treatment of chronic affections of the bronchial mucous membrane. Doss—2 to 3.

Storax Compound (U. S. P.)-Dose : 1 to 4.

## 4 grains each.

Aloetic (U. S. P.)—Laxative in habitual costiveness. Dose—1 to 3.

Aloes and Assafcetida (U. S. P.)—Applicable to costiveness attended with flatulence and debility of the digestive organs. Dose—2 to 5.

Aloes and Iron (U. S. P.)—In constipation with debility of the stomach, especially when attended with amenorrhea. of the stoms
Dose-1 to 4.

Aloes and Myrrh (U. S. P.)-Dose : 3 to 5.

Aloes and Extract Gentian (U. S. P. Compound).—As a laxative to the constipation of sedentary and dyspeptic persons. Dose—1 to 5.

Assafœtida (U. S. P.) without smell.—A moderate stimulant, powerful antispasmodic, efficient expectorant, and feeble laxative. Dose—2 to 4.

Cook's Pill.—A very popular pill on the plantations rough the South. Dose-1 to 3.

Copalba, pure solidified.—Efficient in chronic diseases of the mucous membranes. Pose—2 to 6.

Fron, Sulphate of (U.S. P.)—As an astringent in diseases attended with immoderate discharges, such as passive hemorrhages, diabetes, leucorrhea, gleet; as atonic in dyspepsia, and in the debility following protracted diseases. Dose—1 to 5.

Rhubarb and Blue Plll.—Alterative, cholagogue, and slightly laxative. Dose—1 to 2.

Rhubarh Compound (U. S. P.)—Useful in costiveness with debility of the stomach. Dose—2 to 5.

Soda, B1-carbonate of,—Resorted to in calculous cases, characterized by excess of urle acid. Given in infantile croup, with a view to the expulsion of the false membrane, Dose—2 to 5.

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