PHARMACEUTICAL FORMULAS

PROPOSED FOR A. PH. A. RECIPE BOOK.

A complete list of these Proposed Formulas since February 1912 was published in an Index in the December 1916 number of the JOURNAL. The Committee will continue its work in monthly instalments in this Department of the JOURNAL. Members of the A Ph. A. are earnestly requested to send suitable formulas and also criticisms of those published to the Chairman.

Otto Raubenheimer, Brooklyn, N. Y.

Contributed by John K. Thum, German Hospital, Philadelphia:

No. 472. mistura 1-2-3. 1-2-3-Mixture.

Mercuric Chloride	1 grain
Potassium Iodide	2 drachms
Comp. Syrup of Sarsaparilla	3 fluid-
	ounces.

We meet so many, who do not know what is meant by 1-2-3-Mixture, that we thought that the Recipe Book could not possibly be complete without the proper formula.

No. 473. TOOTH WASH. German Hospital, Phila.

Liquid-Soda Soap (J. A. Ph. A., vol.

V, 422)	500	mils
Glycerin	200	mils
Alcohol	850	mils
Distilled Water	400	mils
Tincture of Myrrh	25	mils
Oil of Clove	0.5	mil
Oil of Peppermint	3	mils
Methyl Salicylate	12	mils
Powdered Cudbear	0.5	Gm.
Comp. Tinct. of Cudbear	20	mils

Allow to stand 24 hours and filter. The extra amount of cudbear gives to this preparation a beautiful rich color.

No. 474. ASTRINGENT MOUTH WASH. Thum.

Zine Chloride	20 Gm.
Boric Acid	40 Gm.
Methyl Salicylate	2 mils
Alcohol	50 mils
Liquid Antiseptic (German Hospital)	120 mils
Comp. Tincture of Cudbear	2 mils
Distilled Water, a sufficient quan-	
tity,	

То	make.																		2000	mils	
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Dissolve the zine chloride and boric acid in 1500 mils of water; dissolve the methyl

salicylate in the alcohol, add the liquid antiseptic and compound tincture of cudbear; mix the two solutions, and finally add enough water to make the required volume.

No. 475.
LIQUID ANTISEPTIC.
Lister's Formula.
German Hospital, Phila.

Oil of Eucalyptus	10 mils
Methyl Salicylate	10 mils
Eucalyptol	5 mils
Menthol	10 Gm.
Thymol	10 Gm.
Fluidextract Hydrastis	10 mils
Glycerin	300 mils
Alcohol	2500 mils
Boric Acid	200 Gm.
Water, a sufficient quantity,	

To make..... 8000 mils

Dissolve the alcohol-soluble ingredients in the alcohol, add the glycerin; dissolve the boric acid in the water; mix the two solutions, add the fluidextract of hydrastis and allow to stand 24 hours. Finally filter through paper, using 120 Gm. of precipitated calcium phosphate as a clarifying agent.

No. 476. SCARLET RED OINTMENT.

Scarlet Red (Bicbrich)	4 Gm.
Olive Oil	12 Gm.
Lanolin	30 Gm.
Petrolatum a sufficient quantity.	

To make..... 100 Gm.

Triturate the scarlet red and olive oil until perfectly smooth, and then add lanolin and petrolatum.

Note: Used to hasten growth of new skin and epitheliation. Old ulcers markedly improve. Ointment should not be left on for more than 48 hours or irritation may occur. Also used for X-ray burns with good results.

See also other Formulas in J. A. Ph. A., vol. I, pp. 505 and 506.

Contributed by the Chairman:

No. 477.

SPECIES OR TEA-MIXTURES.

This is one of the oldest forms of "household remedies," still largely in use, especially among foreigners.

They are mixtures of whole or comminuted plant drugs. Species are employed for the preparation of internal medicines and also for external applications or for baths. When used for infusions or decoctions or for maceration or for a bath, the drugs are cut or bruised as, f. i., Species Pectorales N. F. When intended to be filled into flannel bags, which are to be heated and applied dry as a cataplasm, then the drugs should be finely cut or coarsely ground, f. i., Species Aromaticae, see below. Species which are to be mixed with hot water to form a poultice should be in the form of a coarse powder, f. i., Species Emollientes N. F.

The formulas for these Species differ somewhat in the various Pharmacopoeias and Formularies. The source of these is given for which there is an occasional demand.

In the collection of formulas herewith presented, the degree of comminution is stated, as well as the uses of the Species.

decoction in the same proportion as Species

140. 4//.	decoction in the same proportion as opecies
SPECIES AROMATICAE.	Diureticae. Diaphoretic and so-called blood-
Aromatic Species or Herbs.	purifier.
D. A.—B. V.	No. 480.
Peppermint	SPECIES ALTHAEAE.
Lavender Flowers	Althaea or Marshmallow Tea.
Wild Thyme	Eibischtee.
Thyme, of each	Ph. Aust. VIII.
Clove	Althaea Leaves, N. F 55 parts
Cubeb, of each	Althaea Root
The first five ingredients are finely cut and	Glycyrrhiza
mix with the ground cubeb.	Blue Mallow Flowers 5 parts
Used as a carminative and against colic in the	Make into coarse species. Used as infusion
form of dry or wet poultices. For a bath from	against coughs.
100 to 500 Gm. are used.	No. 481.
_	SPECIES AMARICANTES.
No. 478.	Species Amarae.
SPECIES DIURETICAE.	Bitter Species or Tea.
Diuretic Species or Tea.	Bittertee.
D. A.—B. V.	Ph. Aust. VIII.
Rest Harrow Root	Absinthium
Lovage Root	Bitter Orange Peel
Juniper Berries, N. F	Centaury, N. F., of each 20 parts
Glycyrrhiza equal parts	Calamus
Cut the roots coarsely and mix with the	Gentian
crushed berries.	Menyanthes, N. F., of each 10 parts
As a decoction, using 1 tablespoonful to 3	Cinnamon
cups of water and evaporating to 2 cups of	Make into coarse species. Used as a bitter
tea. As the name indicates it is used as a	tonic in the form of an infusion or macerated
diuretic, especially in dropsy.	in wine or liquor.
3.7	-
No. 479.	No. 482.
SPECIES LIGNORUM.	SPECIES CARMINATIVAE.
Wood Tea.	Carminative Species or Tea.
Holzthee.	Ph. Aust. VIII.
D. A.—B. V.	Althaea
Rest Harrow Root 3 parts	Glycyrrhiza
Guaiae Wood 5 parts	Triticum, of each 20 parts
Glycyrrhiza 1 part	Matricaria
Sassafras ı part	Fennel, of each
Cut coarsely and mix. Used in the form of a	Make into coarse species.

No. 19 a	
No. 483.	times a day as a stomachic tonic and against
SPECIES PUERPERALES.	other ailments.
Species Puerperarum.	No. 487.
Tea for Lying-in-Women.	SPECIES ANTIASTMATICAE.
Kindbettee.	Asthma Species or Herbs.
Ph. Aust. VIII.	E. B. III.
Melon Seed	Stramonium 63 Gm.
Mullein Flowers, N. F., of each 10 parts	Lobelia 12 Gm.
Glycyrrhiza	Potassium Nitrate 25 Gm.
Triticum, of each	Water 50 mils
Althaea Species 40 parts	Oil of Lavender, a sufficient quantity
Make into coarse species. Used as a	The drugs, previously cut, are moistened
demulcent infusion in confinement.	with a solution of the saltpeter in hot water.
No. 484.	The mixture is then well dried at about 40° C.
SPECIES STOMACHICAE.	To each 100 Gm. of the dried Species add
Stomachic Species or Herbs.	4 drops of Oil of Lavender, which is best
Magentee.	previously dissolved in a little Alcohol.
Ph. Aust. VIII.	Used in asthma by inhaling the smoke from
Cinnamon	the burning powder.
Peppermint, of each 1 part	No. 488.
Centaury, N. F 2 parts	SPECIES ANTHELMINTHICAE.
Make into coarse species. Used as car-	Worm Species or Tea.
minative and tonic either as infusion or by	D. M.
maceration, in wine or liquor.	Absinthium, N. F
	Farfara, N. F
No. 485.	Santonica, U. S. P. VIII
SPECIES AD GARGARISMA.	Matricaria equal parts
Herbs for Gargling.	No. 489.
E. B. III.	SPECIES GYNAECOLOGICAE MARTIN.
Althaea Leaves, N. F	Confinement Species.
Mallow Leaves, N. F	Martin's Tea.
Sambucus, N. F equal parts.	E. B. III.
Make into coarse species. Used as a gargle	Senna
in the form of an infusion.	Frangula
NT06	Millefolium
No. 486.	Triticum, equal parts
SPECIES AD LONGAM VITAM. Long Life Herbs.	Make into coarse species. Used as a
Schwedische Kraeuter.	demulcent and mild laxative in the form of an
Bitterer Ansatz.	infusion.
E. B. III.	No. 490.
Aloe, granulated 6 parts	SPECIES NERVINAE.
Myrrh, granulated	Nervine Tea.
Rhubarb	E. B. III.
Gentian	Peppermint
Galanga, N. F	Menyanthes, N. F
Zedoary, N. F	Valerian equal parts
Crocus, N. F	Make into coarse species.
Theriac, of each	No. 491.
Agaric, N. F 2 parts	SPECIES PECTORALES CUM FRUCTIBUS.
Triturate theriac with coarsely ground	Breast Tea with Fruits.
agaric and mix with aloe and myrrh and other	E. B. III.
drugs previously cut.	Pectoral Species, N. F 16 parts
A very popular remedy, especially among	Barley, peeled
foreigners. About 50 Gm. are macerated in	St. John's Bean 6 parts
500 mils of liquor, wine or cider during 3 days	Fig, N. F 3 parts
and then strained. Dose: A teaspoonful 3	Cut fig and St. John's bean coarsely and
	Cut he and the rolling beam coarsely and

min mitt ether installents. A modification	duran arrahamad har athan matians. Amount the
mix with other ingredients. A modification of "Breast Tea," still in demand.	drugs employed by other nations. Among the 17 ingredients only 1 drug is official in U. S. P.
	IX, 1 drug was official in U. S. P. VIII and has
No. 492.	been deleted and 3 drugs are official in N. F.
SPECIES RESOLVENTES. Reducing Species or Herbs.	IV. A number of the ingredients are un-
E. B. III.	doubtedly unknown to the average pharmacist.
Melissa Leaves	All of these plants are, of course, official in the
Origanum Herb, of each 7 parts	French Codex. The botanical titles, rather
Lavender Flowers	than the English names, are given, so as to
Sambucus, N. F	prevent any confusion.
Matricaria, of each 2 parts	No. 496.
Make into coarse species. Used as a	SPECIES APERIENTES.
softening poultice.	Aperient Species.
No. 493.	Ph. Hisp. & Port.
SPECIES SUDORIFICAE.	Radix Apii
Sudorific Herbs.	Radix Asparagi
Especes Sudorifiques.	Radix Foeniculi
Codex 1884.	Radix Petrosclini
Sarsaparilla	Radix Rusci Aculeati equal parts
Sassafras	This is another rather odd or "Spanish"
Guaiac Wood equal parts	combination of peculiar drugs. On account
	of the "Five Roots" this mixture also has the
Prepare coarse species.	synonym Radices Quinque Aperitivae. To
No. 494. Species demulcentes.	prevent confusion the Latin titles are given.
Demulcent Tea.	No. 497.
Ph. Dan.	SPECIES NARCOTICAE.
Althaea 4 parts	Narcotic Species or Herbs.
Glycyrrhiza 1 part	Ph. Russ. IV.
Linseed 4 parts	Belladonna Leaves I part
Fennel ı part	Hyoscyanus 2 parts Conium Leaves 4 parts
The cut roots and crushed seeds are mixed.	Prepare coarse species.
No. 495.	· · · · · · · · · · · · · · · · · · ·
SPECIES VULNERARIAE.	No. 498.
Vulmerary Herbs.	SPECIES ANGLICAE. English Specics or Tea.
Especes Vulneraires.	D. M.
The Suisse.	Caraway 25 Gm.
Codex 1908.	Bitter Orange Peel
Absinthium, N. F	Frangula
Betonica	Make into coarse species.
Calamintha	No. 499.
Hyssopus	SPECIES BALNEORUM.
Glechoma Hederacea	Bath Herbs.
Origanum	Badekraeuter.
Vinca Minor	D. M.
Rosmarinus	Peppermint
Salvia, U. S. P. VIII	Matricaria
Scolopendrium	Thyme, N. F
Scordium	Rosemary
Thymus, N. F	Sage, U. S. P. VIII, of each 100 Gm.
Veronica	Alcohol, 90 per cent 250 Gm.
Arnica, U. S. P	The mixture of herbs is moistened with the alcohol, whereby the bulk of the package is
Gnaphalium Dioicum Farfara, N. F equal parts	materially decreased, and the appearance
	of the species and especially their odor is
Prepare coarse species. This is an excellent	greatly improved. One package to a bath.
example of polypharmacy and also of the odd	Promm? withouten one hanning.