Formular

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L

Parrish's Pharmacopeia

1 gill 4 oz. Wineglass 2 oz

Table spoon 1/2 oz Dessertspoon 1/4

Table spoon 1/2 oz Tea spoon 1/8

(or one dram

1859

Sep 19 Boxwood Oil 46 lbs

Butternut Dry

Boark 993

17½ lbs Green Liverwort gathered June 4 – weighed when dry 4¼ Shrinkage over 3/4

---

14 lbs Canada Snakeroot green – gathered in June shrinks to 1¾ or about 7/8

---

20 lbs Green Solomon seal (1st June) shrinks to 4½

5470 Scoke Dug in Novem or latter part of Oct. made 1466 dry, or 3.73 to 1

---

13 lbs Green Garden Celandine pulled in June 10 Root & top, weighed when Dry 2¾ lbs 4.72 Green to 1 dry

Parrish's Pharmacy p. 69.

1 gill = 4 oz.	Table spoon 1/2 oz
1 Winglass 2 oz.	or 4 drams
Tea spoon 1/8 oz	Dessert spoon 1/4 oz
or 1 dram	or 2 drams

O stands for pint. Octarius

C Congius a gallon

1861 Weigh 1 barrel 44 gallons
March 95/100 Alcohol 354 ~~Gross~~
29th Tare 60 = 294 lbs.
Average 6.68 lbs pr. gallon

Apothecaries ~~Weight~~ Measure

1 minim = 95 hundreths of a Troy grain of distilled water at 62° Farenheit.

60 min. ♏ = 1 fl. dram ℥3 57.95 Troy gr.
480 = 8 ℥3 = 1 fl. Ounce ℥ ℥ = 1.804 cub. in (456 Gr.
7680 ♏ = 128 ℥3 = 16 ℥ ℥ = 1 pint ℔ = 28.87506 Gr. 7.316 T. Gr.
61.440 ♏ = 1024 ℥3 = 128 ℥ ℥ = 1 gallon Cong
= 231 cub. Inches 58.368 Troy grains of Distilled water. Mohr. R. & Br. Pharmacy p. 54. The column of Troy grains differs from the book, being recalculated from the ~~Minim assigned~~ quantity .95 - assigned the Minim.

7000 Troy grains = 1 lb. Avoirdupois
5760 " " = 1 " Troy
480 " " or 1 Troy ℥ = 1 ℥ 442.5 grains Av.
437.5 " " equals 1 ℥ Avoirdupois
1 lb. Avoir. = 1 lb - 2 ℥ 4 dr. 40 gr. Troy.

Aromatic Powder
Cinnamon & Ginger aa. ℥ss
Cardamom & Nutmeg aa ℥j
Dispensatory

Aromatic Compound.
mixed for Calif. Order & also for
Aromatic Cinchona

Cinnamon	2	parts
" Cardamom	1	"
" Ginger	1	"
" Nutmeg	1	"

The Ginger fluid being made with strong Alcohol while the others are made with proof Spirit or Diluted — Ginger also being so strong, I use but ½ the proportion viz. 1 part instead of 2.. That is, but ½ the proportion directed. If made after compounding in the Powder, & with proof Spirit, I would use 2 parts Ginger.

Use 2½ drams Aromat Tincture
& ½ " Fluid Angelica &
1 lb. Fluid Calisaya Mixed
to make Aromatic Cinchona
See A.J.P. Vol. 30 p. 46 & Vol
39 p. 527 & 528. See also
Vol. 35 - p. 230

Buchu Comp. Equal parts. Buchu - Cubebs Uva ursi & juniper berries

Thay

Black Cohosh Comp.

Black Cohosh 6 lbs
Cherry brk 6 "
Specac 1½"
~~Sanga~~ Seneca 3 "
Liquorice 1½"

Macerate all except the Cherry with Alcohol @ 50

Bottles from N. Lib. Glass works
15 heavy pint bottles weighed 12½ lbs
15 light do. same lot " 9½ "
Jan. 1874 Difference 3 oz per bottle

Belt for running the press down 32 ft long 5 in. wide
Thru the floor 26 ft 2 in long 6 in. wide

Long belt for running the feed pump
34 ft. 4 in. long. 4 in. wide
Oct. 1st 1886.

Belt for running Press up. 32 ft long
4 inches wide.

Compounds on our Catal

× Buchu Comp	× Cherry bark Co.
× Dandelion "	× Mandrake "
× Gentian "	~~Rheubarb~~ "
× Lobelia "	× Sarsaparilla "
× Pink root "	× Scullcap "
× Senna "	× Stillingia "
× Squills "	× Aromatic Rhenti

Black Cohosh Comp.

I dissolve 1g. in a pint for fluid

Cannabis (Cannabis)

Should yield from 50 to 55 grains

ext. per z. of herb

To make the fluid, dissolve

℞ a 2 gr. to a pint of strong

alcohol, or 62 gr. pr. fluid oz.

1 3/4 3

Process for making Extract of Cannabis Indica

Grind the Cannabis & macerate with strong alcohol for one week. If the alcohol be heat a little, it is better & shorter, requiring but one day to macerate. Better always short it. Draw off & distill. Cover again with alcohol, macerate & distill, again. Repeat this process untill the herb is exhausted.

The solid which is left in the alembic is drawn off & when near cold, is well washed with tepid water. Wash untile the water does not dissolve any more matter.

Squeeze well with the hand & put a few days in the kiln which finishes it.

It is better always to heat it as the labor is much less & it color sec. Med. Dep.

Cinchona Comp

25 lbs Cinchona
18 " Orange peel
6 " Gentian
1 1/2 Serpentaria
1 " Cloves
1/2 " Red Saunders.

Macerate with alcohol 30 ℙ
make 12 1/2 gals.

Cardamom Seed. 4 lbs contain 1 lb. of hulls. Percolate with diluted Alcohol. Seed were ground & hulls riddled out. Dec. 23rd 1868.

Comp. Colocynth

From the extract

11 lb Colocynth ext hard
36 Aloes powd.
12 Scammony "
3 Cardamom "
9 Dried Soap "

Warm the ext & dissolve in proof Spirit. Stir in Aloes & then the other articles.

Comp. Colocynth for Beck

40 lb. Powd. Aloes
20 " Ext. Mandrake cheap.
3 " " " No1 quality.
6 " " Chiccory
1 " " Colocynth
5 " Castile Soap.
75

Nov 13th 1876

18

For Catarrh

1 lb. Elecampane 1 P. Ash bark
4 gallons of water & 1 of molasses
& Boil to 2 gallons. After
the liquid is strained & perfectly
cold add 3 pints of good brandy
& bottle tight. Drink
whenever thirsty not more
than 1½ gills of this agreeable
liquid.

p. 365

Cement for Leather & Rubber

10 parts Carbon disulphide
1 part Oil of turpentine
Gutta percha, as much as will
readily mix.

Remove the grease from the sur-
face of the leather to be joined, with a
hot iron — & allow it to remain fixed,
untill set. Scient. Amer.
Vol. 28 page 119

Cans – Prices of Patent Banker Coted Cans

5 gall. 90¢
3 " 70"
2 " 55"
1 " 40"

Demijohn's Coted

2 gall. $1.15
1 " 85¢

Ext. Colocynth –

Run the apples thru cracker, set so coarse as not to break the seeds. Put from 110 to 120 lbs. in cask, & pack evenly with pounder. Cover with Proof Spirit & let stand 4 days. a week is better. Draw off, evaporate & return liquor at same strength. Proof. Let stand from 24 to 48 hours, the latter is better, & repeat the the same. Let stand a day or 2 days, & then draw & follow with hot water, as described in relation to Mandrake. Yield of Ext. 25 to 33 per cent.

Consumption & Catarrh.

Common Mullin steeped, & sweet ened with coffee sugar. Drink freely from 3 to 6 months, according to the nature of the disease. Old or Young plants will do - dried in the shade. It is good also for the blood,

J. F. Snipes 87 Leonard St. N.Y.

B. Light Dec. 21, 1878

Dandelion & Senna

32 lbs Senna
12 " Dandelion
6 " Chammomile flowers
2 " Carbonate of Potash
Salts of Tartar

Cover with cold water & let stand 24 hours. Draw off & add more water enough to cover & stand from 12 to 24 hours longer & if not sufficiently exhausted add more — Press & evaporate to 7 or 8 gal. & add 2 gal Alcohol

---

Dandelion Comp.

~~16~~ Dandelion 1 part
fluid Conium " "
Mandrake " "

Drying Shrinkage

Oct. 1878 5 lbs. Chiccory root sliced shrunk to 1 lb. 7 oz. brittle.
In round numbers 10 lbs. green Chiccory root = 3 lbs. Dried.

June 1878 Plantain pulled 10 lbs. dried to 2 lbs. root & top.

1878 Split Chiccory roots 10 lbs. shrink to 3.

Engine 50 strokes, Gives
Main Shaft 120 revolutions.
Upper Shaft 300
Draft fan 1580 according
E. M. Sherman's statement.

Engine 45 strokes. Shaft 106 rev.
" between 46 & 47 — strok " 110 "
Engine 1 — Shaft $2\frac{2}{5}$.

		45	03
Nov 2	Buckthorne	1	65
" 5	Bark [illegible]		
" 9	Sir Wood	1	37
" 20	[illegible]	2	[illegible]
	1866		
Feb 16	Yellow Wood		63
April 14	Norwoods		
"	Foreatrum	99	[illegible]
" 14	Maple	12	[illegible]
" 19	Buckthorn	1	[illegible]
May 2	Dandelion	1	14
June 2	Dandelion		72

A

Fruit Lozenge.
400 lbs. Cassia Fistula.
135 " Tamarends.
100 " Prunes.

Buchu
Cochlearia
Cherry Bark
Black Cohosh
Colchicum root
Colombo
Cinchona
Cubebs
Gentian root
Gambier
Gamboge
Hemlock
Hoarhound
Iscac
Lobelia
Pareira Brava
Pink root

Prickly Ash
Sarsaparilla
Scullcap
Stramonii
Boneset
Uva Ursi
Valerian
Veratrum
Yellow Dock
Lettuce Garden
Burdock

32 kinds made by G. Long
172 .. .. .. A.H.
040 .. Extra.

He ought to keep up with what the chemist (G. Long) made

Gentian Compound

Gentian 4 lbs
Orange peel 1"
Coriander 1" or ½ P. Ash berries
4 pts.

Fluid
Wm Proctor

Eclectic p 1094

The Gallon of United States Pharm.
contains 231. Cubic inches 58.317.798
Troy grains M.R & Pr. Pharmacy p.54

E
Se
p. 1

For Hot Drops or No. 6
See Comp. Tinc. Myrrh
p. 1313 American Dispensatory

C

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Aron

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Fol

2 p

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bela

Specac & Seneca
Equal parts of both

Ink 1 oz. Ext of Logwood
10 grns. Bichromate of Potash
Dissolved in 1 quart hot rainwater
Leave uncorked for a week or two
Jan. 12th 1860 = Jan. 1869 Country Dent

Rungs Ink. 1½ gallons of decoction from 22 lbs. Logwood chips. One part Yellow Chromate of Potash to 1000 of decoction. Added in solution when cold & stirred carefully. Care must be taken not to add too much Chromate as it would destroy the color. It requires but very little. Amer. Jour. Phar. Vol. 18 p. 316 Vol. 18. p. 316. Chromate of Potassa requires 2 parts 06 of water to 1 part of Chromate.

According to Stein, this ink becomes perfectly permanent & of a more intense black color, by the addition of a few drops

of a a Solution of Corrosive sublimate

A. J. Pharmacy 1851 p. 82.

Ditto Volume 28 page 185

Remarks on writing fluids.

The following is recommended.

12 oz. Galls
3 " Sulphate of Indigo
4 " Copperas
4 " Gum Arabic
& a few Cloves for one Gallon of Ink.

Intense pure black
Scour changes.

Fr. J. Stark
Never moulds
Never fades
Do not use steel pens.

Country Gentleman Aug. 1855 p. 95

Arnolds Commercial writing Inks.

4 oz. extract of logwood
1 gallon soft clear water
Heat to a boiling point in a perfectly clean iron vessel skim well, stir often — Dissolve
90 grains Bichromate of Potash in
1 gill of warm water in a clean bowl
15 grains Prussiate of Potash in

1 gill of warm water. When dissolved pour into the solution of logwood in the kettle, if boiling. Stir it 3 min take it off quick. When cold, strain it in a fine tin strainer.

Ink. ½ z. Ext. Logwood.
10 grains Bichromate Potash.
Dissolve in 1 quart hot rain water. Leave uncorked for a week or two, in a glass bottle. Exposure to air is indispensible.

Our new Copper kettles – the little, or east one, put in 1884, & the west one Feb. 5th. 1885 are tested with 50 lbs. pressure & warranted to stand 30 lbs.
West Safety valve is numbered from 40 to 70 lbs. with weight of 2 lbs 14 oz.
East one from 8 to 32 lbs. but weight has been reduced, from 1/3 to 1/2.

Jugs Retail Prices

Nov. 8 – 1865

		Wholesale	
4 gal.	$1.00	Per doz.	$10.00
3 " "	90c	" "	8.00
2 "	65c	" "	6.00
1½ "	50c	" "	4.50
1 "	40c	" "	3.50
½ "	30c	" "	2.50

Pots

		Wholesale	
6 gal.	1.70	per doz.	16.00
5 "	1.50	" "	14.00
4 "	1.25	" "	12.00
3 "	1.00	" "	9.50
2 "	.75	" "	7.00
1½ "	60	" "	5.50
1 "	50	" "	4.50
½ "	38	" "	3.50

Retail prices Wholesale.

November 1865

Bitters

Aloes	2 ℥	Cherry bark	2 ℥
Gum Myrrh	1 ℥	Cham. flow	2 ℥
Bayberry	2 "	Alcohol	1½ gal
Gentian	2 "	Gin	2 "
Rhenbark	2 "	Water	¾ "
Juniper berries	2 "	Proportions for	
Gold thread	2 "	four gallons	

Dissolve the Myrrh & Aloes in strong alcs. & then add the remainder

This for home use only.

Lobelia Compound

Equal parts Bloodroot
Skunk Cabbage & Lobelia

~~Cream of Sassafras Tinc Potash berg~~

To Imitate Lemon Syrup

4 oz. Tartaric acid 2 drams Oil Lemon
Mix with water. One table
spoonful of the above mixture is
enough for 6 glasses of drink
Sweeten with Sugar. over the top
Bcher

Recipe for making Cough Lozenges

2 oz Liquorice Ext. powdered
2 oz. Cubebs finely pulverized
3 oz. Gum Arabic powdered
1 oz Cardamom seeds finely pulverized
Dissolve gum Arabic & Liquorice in
just sufficient water to dissolve them
Thicken as much as possible with pulverized
White Sugar. Roll & cut in suitable size
for use.

Lemon Juice artificial
from Citric acid – Parrish 593
Citric acid 3 ℥ 38 grs half to 1 pint water
1 minim (60 drops) Lemon oil ʒ 1 half dram Sugar.

Lemon Syrup. p. 247
Recently expressed & strained Lemon
juice 1 pint – Powdered Sugar
3 lbs. 5 oz. water 1 pint. Mix the
Lemon juice with the water –
add the sugar, & dissolve with a
gentle heat, & strain while hot.

Another p. 260

Oil of Lemon	20 drops
Citric acid	1 ounce
Tartaric acid	2 drams
Simple Syrup	1 gall.

This Syrup may be made by using 7 lbs of
sugar in ½ a gall. of water.
Lemonade of good quality may be made
by mixing 1 pint of this syrup with 2 galls
water.

Mandrake Comp.
Equal parts Mandrake
Senna & Jalap (Thayer)
10½ × 14½
Man hole 11 × 14. Packing
1½ inch wide

Mandrake Ext.

Have the root ground coarse to pass thru a
riddle 4 meshes to the inch — & spread on
the floor & moisten with one pint of water
to ten lbs. (10 lbs to 1 pint) stir till thoroughly
mixed. Put 200 lbs. root in percolator &
cover with Alcohol at full strength, 95 p°
Let stand 14 days — or longer if you choose,
Draw off liquor & evaporate, & cover
again with alcohol at 85 or 90 per cent.
Let stand 2 days & draw again. Evaporate
& return at 65 per cent. Stand 2 days
& ~~return at 60~~ " " , Stand 2 days
& return at 50 " " Stand 2 days
& " " 50 " " , Stand 2 days &
then draw off, & follow with hot water,

percolating as fast as it can get thru.
If the water does not run thru fast enough, take
out the root & put it in smaller vessels.
Percolate till the liquid runs nearly or quite
clear. A little experience will enable
one to judge. Set the product or resi-
due of the different evaporations aside,
& when the water is all driven off from
the aqueous solution, add all together &
mix with heat, if necessary, to melt
the product of first evaporations.
The root should yield 1 lb. Expt. to 3 lbs.

Dr. A. J. White's Receipe,
to prevent Mold on Extracts.

Borax	50 lbs.	25	12½
Glycerin	10 "	5	2½
Water	50 "	25	12½

Dec. 1st 1896

May Peale Vaughn Boiler
10½ x 14½ - 1 inch wide or 1¼.

L

Mo

Sa

February 8th 1860

First Batch

Root ground 11 86 lbs

Alchol 2 94 gal

Water 20 "

Mon 13 Draw 2 Barls &

pump Back

Sat 18 Draw & pump Back

Ale 316

Water 9

Root ground 1386 lbs

Specimen of the Ext

journal as kept by

J Long White & Co

quite readable

Jeff Davis's Auditor

Richmond

Va

Neuralgia Boil a small handful of Lobelia in half a pint of water untill the strength of the herb is imparted to the water. (Then strain & add a teaspoonful of fine salt.) Wring cloths out of the liquid as hot as possible, and spread over the part affected — Change the cloths, when cool, untill the pain is gone. Then cover the place with soft dry covering untill the perspiration ceases to prevent taking cold. 1878

Banner of Light Dec. 21

J
Ca
No

14

Ointments Made 1859

July 9 Marsh Mallow 56 lbs

Aug 9 Bittersweet 48 lbs

Nov 19 Stramonium 235 "

339

Opium Fluid ext.

See American Dispensatory 1295 p.

1½ z. to a pint or 10 z. to a gallon

Oint. Deadly Nightshade

From the Ext. Dispensatory

directs 60 grains of the ext to the Troy

ounce of Lard which is equal to 2 z. of

Ext. Avoir. in 1 lb. Avoird. of

Lard.

Pink root (10 fl. ℥) & Senna (6 fl ℥) Carbonate Potassa ½ ℥ Oil Caraway Oil Anise each 20 minims. J. Pharm - vol 31 p 543

Pink root Comp.

Pink root	4
Senna	10½
Savin	1½
Manna	3
Sugar	24

Exhaust with Alcohol at 56° above proof. Reserve 2½ gal. evaporate the remainder to 2 & mix with reserve. Add 1 gal. Syrup & 3 qts of strong alcohol, settle & strain. 6 gal

Not a Patent or a Proprietary Medicine, but made in accordance with the following

FORMULA.

Take Opium, Camphor and Capsicum, each 8 lbs; Oil of Peppermint, Sassafras and Spruce, each 2 lbs; Alcohol and Cold Infus. of Witch Hazel, each 40 galls. Mix. *Note.*—Under a law of Congress, passed Feb. 8, 1875, medicines put up with published formula attached, are exempt from Int. Rev. Stamp.

DIRECTIONS.—*Internally*, for Cramps, Pain in the Stomach and Bowels, Diarrhœa, Cholera Morbus and all internal Pains, take 10 to 30 drops in sugar and water every half hour, until relieved. *Externally*, Rub the painful and sore parts freely, then lay on a cloth wet with the remedy and cover with cotton batting to prevent evaporation.

To be shaken before used. Pain King

Pain King

10 Gall. to 8 lbs Camphor
4 " " 8 " Capsicum
2 " " 2 " Oil Spruce
2 " " 2 " Oil Sassafras
2 " " 2 " " Peppermint
20 " " " " " " " "
40 — 5 Gall. Water 8 lbs. Opium
35 " " 14 " W. Hazel Brk

July 30" 1888.

Pain King

Oil Peppermint	2 lbs.	3 gall Alc.
" Spruce	2 "	3 " "
" Sassafrass	2 "	3 "
Gum Camphor	8 lbs	3 "
Add 25 Galls. Alcohol		3 = 40

Opium 8 lbs. 5 Galls. Hot water

8 lbs Cayenne, lumps crushed in 6 Galls. Alcohol

Witch Hazel 14 lbs. Water 35 Galls.

Total 40 Gall. water
40 " Strong Alcohol.

Stillingia Comp.

Queens Delight	4 lbs	
Turkey corn	4 "	
Blue flag	2 "	
Elder flowers	2 "	
Princes pine	2 "	
Coriander sem	1 "	1/16 P.A. Berries
Prickley Ash berries	1 "	3/16 Turkey Pea

Macerate in 2 parts alcohol & 1 water.

Rose Waters 1859

Aug 10 Made 28 gal

Rhubarb & Senna

Rhubarb 4 fluid ounces

Senna 12 " "

X Bicarbonate of ~~soda~~ Potassa 1/2 oz.

Ginger tinc. 1 fl. oz. or 1/2 oz. fluid Ext.

Oil of Cloves 8 minims

" " Anise 16 " (Put in Alcohol)

Journal Pharmacy Vol 31 p 543

Rhubarb Aromatic

12 oz Rhubarb

2 " Cinnamon

2 " Cloves

1 " Nutmeg

Jour. Phar 1860 page 329

~~Diluted Alcohol~~

Rudkin's Gentian 500 lbs. roots made 40 Galls. The last time - boiled 375 lbs. roots. Evaporated to Ext. 240 lbs. a little soft. To 41 lbs. of this Ext. Stir in 1 Gall. strong Alcohol mixed with plump 2 Gall. water - then measure into Keg for 5 Gall

X I omit the Bicarbonate | See Nov. 1885 in Journal.

Rheumatism

1 Sassafress 1 Elecampane
4 gallons water 1 lb. rusty nails
Boil rapidly down to 1 gallon
then add as much as boiled away
(3 gal.) 1 quart of good vinegar
& let simmer for 10 or 12 hours
& strain it thoroughly.

When perfectly cold add 1 gal.
molasses & 1 gal. brandy.

Amalgamate by shaking,
bottle & place in a cool cellar
Use while eating & also at such
times other times as may seem
agreeable to the patient.

Should be use for 2 or 3
years in the room of other
beverages.

Another. (See Neuralgia)

Cloths wet in a lukewarm, weak
solution of Soda water, applied to the
painful parts, will often relieve the pain,

John A Roebling's Sons Co.
Wire Rope for Elevator
Diam 1/2 in. Circ. 1 1/2 in. Length 57 ft.
Endless H. E. Shipp Agent.
117-119 Liberty St. New York
~~Diam~~ Diam
Length 57 feet Endless.

Senna & Jalap

Senna 2 lbs Jalap 1 lb or pts.
Carbonate of Potassa 1/2 oz.
Oil of cloves 80 minims White
Sugar 1 lb. Dispensatory
Ver S.

Sarsaparilla & Dandelion
Equal parts Thayer

Sarsaparilla Comp
5 parts Sarsaparilla
2 " Dandelion
1 " Conium
Home recipe

Squills Comp. Thayer
Equal parts Squills & Seneca
Tartrate of Antimony & potassa 4 8 gr

Comp.
Scullcap, Lettuce
Hop & Ladies Slipper
Equal parts Thayer

Senna Comp.

Senna	12 parts	Caraway	2
Jalap	4 "	Coriander	2
Cardamom	1	United States Dispensatory	
Total	21 parts		

Stillingia Comp See Queens Delight

Comp. Syrup Sarsaparilla

Sarsap. Am.	80 lbs.	Mandrake root	8
Princes pine	64 "	Bloodroot	4
Yellow Dock	29 "	Cicuta bea	8
Burdock	29 "	Cubebs	5
Dandelion root	20		
Black Cohosh	16		
Bittersweet	16		
Juniper berries	16		
Garget	16		

It is better to use the Fluid Cubebs

This is only the part that we boil in decoction & not the entire receipt. The remainder is added after,

Peck's Comp. Sarsap
2 parts Sarsaparilla
5 " Dandelion
1 " Conium.
Nov. 20th 1876

S
8
10
to

Tincture of Veratrum.

Have made & put up, since Sept. 10th 1867 — 61 gross of Tincture up to this date. Sept. 30 1869 30th

Tar Syrup for colds

2 drams tar dissolve in
6 " Spirits of wine
2 " soft Ext. Liquorice dissolve in
6 " Water, & mix all together,
Shake well and add
2 g. Simple Syrup

Dose from 1 to 2 tea spoons full 3 or 4 times a day.

Sometimes the addition of
1/2 g Lobelia tinct.
1 Dram concentrated tinct. Bloodroot
is beneficial.

C. Broyer.

Tincture of Veratrum Viride.

℞ 200 lbs. coarse ground roots, (Dug in the fall,) in macerator; cover with Alcohol 85 per cent, & let stand 14 days or more if not convenient to draw off — up to twice or 3 times 14 days. Use 50 gallons or 59. Draw off the liquor, & filter thru a fine sponge. Press the roots, settle the pressed liquor & filter in with the other. 50 Gallons of Alcohol should be put to 200 lbs. of root — & or 2 Galls. more if that will not cover. The first rule was, 25 galls 95 per cent Alcohol to 100 lbs root, with enough water added to reduce it to 85 per cent.

But the Dr. Norwood's anxiety to have it of good & efficient strength, led him to reduce the quantity of Alcohol, as above. Distill a portion of the pressed root, say about ¼, that from top of the macerator, & use the alcohol driven off, to percolate the bottom tier say about ¼. Use the percolated tincture for reducing the alcohol to be put on next batch.

Use say 2½ gallons Distilled spirit, to the contents of the earthenware percolator. If the Distilled spirit accumulates, Percolate more of the root. After percolating - press the root again, & distill off the alcohol to use in percolating next batch. After one gets the start, he can have distilled spirit enough to percolate the entire 200 lbs. after the first pressing. To percolate, pack root close as consistent, with a stick not larger than small end of a broom handle. To reduce the Alcohol, both liquors should be tested with a meter, & after percentage of each is ascertained, the relative quantities required of each, is easily calculated by figures.

Veratrum should yield from 35 to 40 gallons Tincture per 200 lbs Root.

5 Galls Percolate at 65 p.c. = 325 per cent
10 " Alcohol at 95 " " = 950

It requires some judgement & skill to hit it just right, when the right hand figures vary from 5, or 0 - i.e. if it be 3, 2, 4, or 1. &c.

85) 1275 (15 Galls at 85 per cent
85
425
425

Ext. Turkey Corn.

Put 175 or 200 lbs fine ground Turkey Corn in Macerator. Cover with Proof Spirit. Let stand 14 days or more. Draw off & cover again. Let stand 2 or 3 days & draw again. Continue till liquid shows but little color, then follow with hot water till the spirit is washed out, & there is little color in the water that comes thru. Evaporate the percolate to proper consistency for Ext. If the root swells so as to hold the water from going thru, take it out, & put it in the smaller percolators, as loosely as possible, & so work it piece by piece till the root is exhausted.

For

November 1858
Wormwood Oil 17 ℔
1859
Water proof Garments
Sep. Wormwood Oil 45 ℔

In a bucketful of soft water put ½ ℔ sugar of lead & ½ ℔. powd alum. Stir at intervals untill it becomes clear; pour it off into another bucket & put the garment therein & let it be in 24 hours, & then hang it up to dry without wringing. [Scottish tweed cloth]
– Phreno. Journal. July – 1873.

For. Veratrum Viride – See Tincture V.V.

Yerba Santa —
Use alcohol at 60 p.c. first
& 2nd at 20 p.c.

Wild Cherry Comp.

Cherry	2 lbs
Horehound	2 "
Lettuce	2 "
Bloodroot	2 ℥
Veratrum	℞ ℥

Thayer

Proportion of Oil in different substances

Indian corn	9 per cent		
Oats	3.3	Rice	1.
Fine Wheat flour	1.4		
Bran of the same	4.65		
Dry Hay	3 to 4 per cent		
Wheat straw	3.2		
Oat do	5.1		
Olive seeds	54.		
Linseed	22.		
White Mustard	36.		
Black do	18.		
Almonds	46.		
Cocoa nut	47.		
Ydk of eggs	28.75		
Cows milk	3.13		
Walnuts	50.		

The oily substances of vegetable are principally accumulated in the fruit & particularly in the seed. Fownans Chemistry

Yerba Santa —
Use alcohol at 60 p.c. first
& 2nd at 20 p.c.

Wild Cherry Comp.

Cherry	2 lbs
Horehound	2 "
Lettuce	2 "
Bloodroot	2 oz
Veratrum	1 oz

Thayer

Proportion of Oil in different substances

Indian corn 9 per cent

Oats 3.3 Rice 1.

Fine Wheat flour 1.4

Bran of the same 4.65

Dry Hay 3 to 4 per cent

Wheat Straw 3.2

Oat do 5.1

Olive seeds 54.

Linseed 22.

White Mustard 36.

Black do 18.

Almonds 46.

Cocoa nut 47.

Yolk of eggs 28.75

Cows milk 3.13

Walnuts 50.

The oily substances of vegetables are principally accumulated in the fruit & particularly in the seed. Fownans Chemistry

Cannabis Indica

Is an efficient & slow cathartic, an active diuretic & sudorific, & a most irresistible hypnotic in the last stages of its action.

L. V. Bell

For Ext. Yerba Santa,
Process, see Resinoid Journal p. 17.
Cover with Alcd 2 parts
Water 1 "

Let stand a week - draw, & add as much more Spirit from 60 to 62 per cent. Add Spirit at Proof till the stronger spirit is displaced. Then draw all off & Distill in retort.

Logwood Ink Feb. 29th 1872

6 oz. chips ½ gallon snow water boiled to 1 pint turned off — ½ gallon water added — steeped to 3 pints — 20 grains Bichromate dissolved & added — warm.

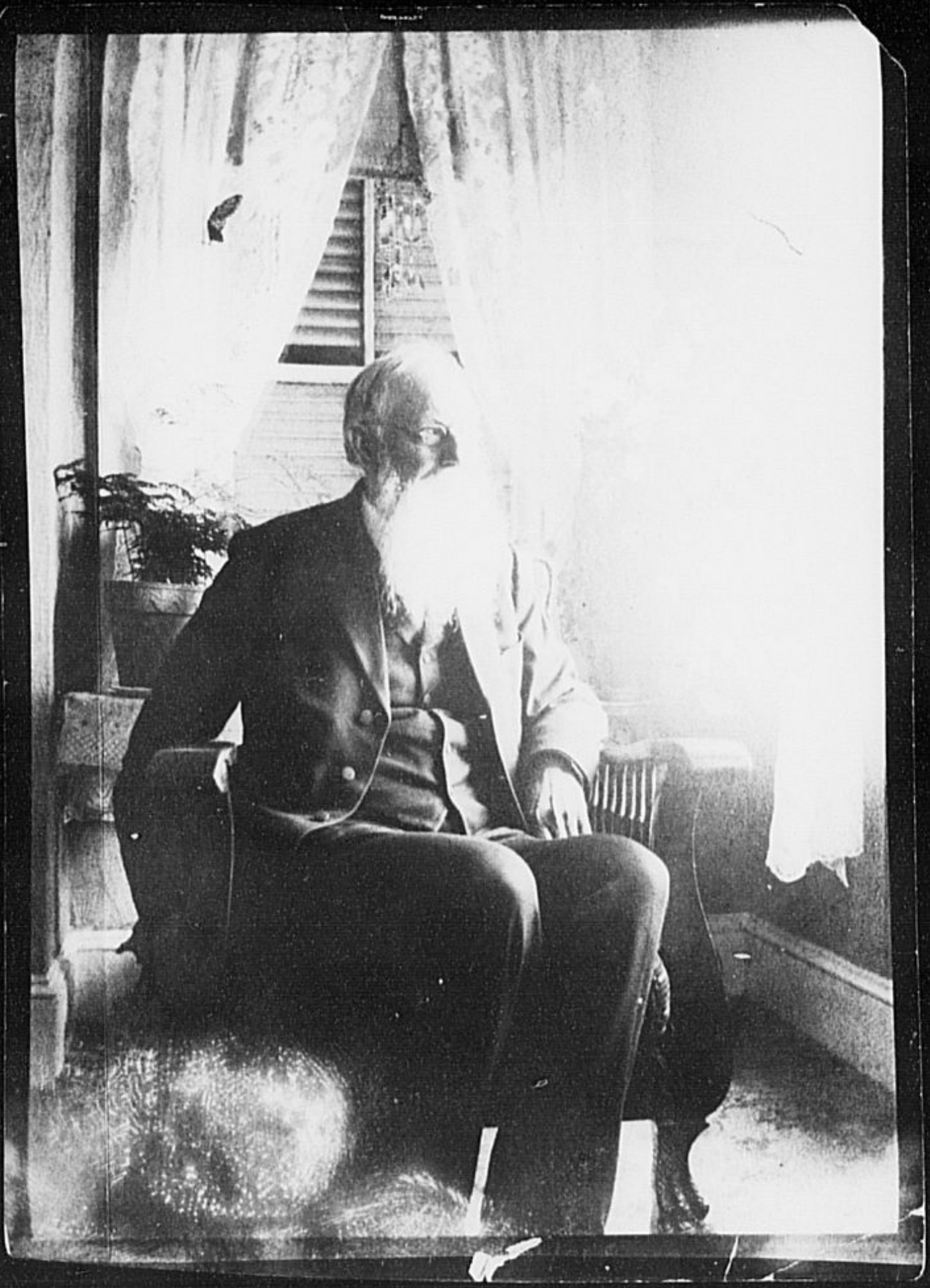
This written while it is yet warm.

2 grains Bichromate added to ¾ pint — in this line.

A gross of Tincture bottles weighs about 12 lbs. Nov. 25, 1874

It requires about 5 gallons Fine, to fill them.

F. S. & L. D. Ford
Canaan N. Y.
Licensees for Martin
slate roofing in Colum
& Berkshire Co.s
G. Logwood Clerk
Feb. 29th 1872



This is as good as the one I have in my book

Taken at Norwell Mass April 3. 1910 by Horace Foster.