

JUNE

1862

2nd Mond. Evaporate & draw off. 194^{lbs} Com.

Dandelion. Empty chest (6 curbs) & refill having received 2 loads today. Emanuel scalds his face with steam, ~~in taking~~ ^{promptly} off the cover to the chest. Or rather by an unaccountable puff, after he had ^{set the cover down}

3rd Tues. George Jones assists in place of Emanuel. Empty chest (8 curbs) & refill. Receive 1st the last load of Sand. today.

Receive also 1000^{lbs} green Butternut bark

4th Wed Empty chest 6 curbs & put in remainder of the Dandelions. Draw 187^{lbs} Com. Exp. Dandelion

5th Thurs. Receive 2 two horse loads of bark 4775^{lbs} in 3 loads

Press 3 curbs of Dandelions & put 917^{lbs} Butternut bark in the chest & steep. Chase with two west pair chasers.

6th Frid. Another load of bark see Thursday. Steep the chest, Chase Cut up & evaporate Dandelion Com. 76^{lbs}. Total 457^{lbs}

June 1862 Continued

7th Sat. Draw off Butternut, press (10 curbs) & evaporate
Another load of bark 2542 lbs. Chase. J. Stewart here
Wed. our Pierce barn that stood by the road, burnt down. A. M.
cause undiscovered as yet. Fill the chest with 990 lbs of bark
& steep. Run the works untill retiring time.

9th Mond. Cut up bark. Put up extracts. Heat chest. Chase
Evaporate in the kettle &c. Emanuel again at his post.

10th Tues. Empty chest & ^{1100^{1/2} lbs} refill 1015 lbs heat up. Evaporate
Liquor. Draw off the first batch of Butternut ext 160 lbs
from 917 lbs of bark mostly from the limbs & young trees - i.e.
such as did not require roasting. Cut quite fine say from $\frac{1}{2}$ to $\frac{1}{4}$ long
About $18\frac{1}{2}$ per cent or 5.7 bark to 1 of ext. The ext. is
rather thin. Probably it would have made 150 lbs good 16.35 per cent
or 6.11 bark to 1 of ext.

11th Wed. Evaporate & draw 165 lbs But. ext. from
990 lbs. Thick body bark. Exactly 6 $\frac{1}{2}$ bark to 1 ext.

It was well rassed & cut up fine i.e. from $\frac{1}{2}$ to 1 inch long³.

12th Thurs. Put Diluted Alcohol (2 p a & 3 w) 17 gal. to 33 $\frac{1}{2}$ lbs. Flarehound.

Empty chest (11 curbs) & refill with 1046 lbs. Evaporate, chase &c.

13th Frid. Put 60 gallons diluted Alcohol (Proof) to 190 lbs Foreign

Sarsaparilla & 30 do do to 80 lbs Amer. Sarsaparilla

Evaporate Butternut 136 lbs. from 1015 lbs bark = 7.46 lbs

bark to 1 of apt. The bark was a little greened, say 2 days, &

was cut up longer by $\frac{1}{2}$ to $\frac{1}{3}$ than the two other chests full.

14th Sat. Empty chest 12 curbs. & refill 1026 lbs. Chase &

Evaporate &c. Receive 1613 lbs. Green bark.

16 Mond. Chase & evaporate & put up apt.

17 Tues. Empty chest (13 curbs) Evaporate & fill again

Draw apt. 144 lbs. Gave the sisters 10 or 12 gal. liquor or

enough to have raised it to 150 from 1026 lbs bark
total 605 lbs. Receive 1 doz, 10 gal. kegs

Last week Sat. 14th Sarah scalds over Hydrangea

& skims making it some thicker as it had begun to ferment
& mold.

June (Continued) 1862

19th Thurs. Draw a batch 170 lbs. from 1026th bark
Eft. rather thin. ought to have been 10 lbs. less.

20th Frid. George No. wipes & puts away 1665 $\frac{1}{4}$ th glass jars &
108 - 1th earthen jars received this week. Sisters
wash 700 - 1th bottles for fluids, received last week

Draw another batch of eft. mix the last with it. 150 lbs.

21st Sat. Empty & fill chest Heat up, Evaporate &c.

23rd Mond. Draw another batch of Eft 150 lbs.

Press Cascarilla obtain 3 gal. (rather inferior) from 25th bark

" Buckee obtain 8 gal. fluid + $\frac{1}{4}$ + $5\frac{1}{2}$ = 17 gal. now on hand

put the bag back & add gal. Alcohol diluted as before.

Total 29 gal Fluid Buckee made from 125th bark &

4 3/2 gal Diluted Alcohol. See May 13th & 23rd

24th Tues. Press chest full of bark. Refill & steam Evaporate & chase.

25th Wed. Draw 160 lbs. Eft. Receive 1346 lbs. Green

Butternut. Emanuel takes up 683 lbs. Pulv. Bayberry

26th Thurs. Empty chest & refill as usual
 27th Frid. Draw 133 lbs. Butternut Ept.
 28th Sat. Empty chest & do not refill — Frid.
 pressed Sesaminum 10 gal. fluid from 20 gal & 85 lbs
 Also made by maceration & percolation about 3 1/2 gal
Fluid ept. Canela from 25 lbs. bark. 7 1/2 pints
Fluid ept. Specae from 5 lbs. by percolation using about 80
 per. cent Alcohol. Last batch of Butternut 142 lbs Total
1510 lbs. Ept. Butternut from 10 chests full of green bark.

Summary for June

Solid epts.
 1510 Butternut
 457 Sarsaparilla Com.
 Pulverized
 83 lbs. Bayberry

Fluid epts.
 3 gal. Cassarrilla
 29" Buchu.
 10" Sesaminum
 3 1/2" Canela

7 1/2 pints Specae

Receive 1 doz 10 gal
 kegs — 166 3/4 glass
 jars — 700 lb. bottles for
 fluid — 168 lb. Earthen
 jars — 35 bbls of
 Alcohol purchased in Antici-
 pation of the tapes.

July 1852

1st. Tues. Commence English Valerian: Grind & press 8 curbs. Edmund Valliant commences work on our addition for grist mill
2nd. Wed. Grind & press the rest of the Valerian 12 curbs.

Evaporate yesterday's liquor &c.

3rd Thurs. Boil 80 gal. juice to 30 & add 10 gal Alcohol
making 40 gal fluid ext. Valerian.

4th Frid. Finish Valerian solid 140 lbs 1st quality
Evaporate it all in the pan.

5th. Sat. Evaporate Mandrake 90 lbs from 1 25^{lbs} root
Also put Alcohol from 80 to 82 per cent to 1 33^{lbs} more

Receive a load of Benbane.

7th Mond. Grind & press 11 curbs Benbane.

8th Tues. Evaporate Benbane. Mend Piston rod to the
air Pump. ~~The~~ ^{It} was badly worn so that the piston head chucks.

Hinders us about 9 hours for which we run till $\frac{1}{2}$ past
11 P.M. Farmers begin haying. A.P.C. walks out of the ranks
& Wed. Empty chest & Grind & press 12 curbs more Green
Henbane, Evaporate. Yesterday put 20 gal
(also 3p water?) to 100 lbs. Coluere root

9th Thurs. Empty chest 7 curbs & evaporate both liquors
entirely in the pan, making but one quality viz. Prime.

Run from 5 A.M. until $\frac{1}{2}$ past 11 P.M.

10th Frid. Grind remainder of the Henbane & cook. 7 curbs.

C.W. Drummed out of camp Draw 1st batch Henbane 27 ^{lbs} best

11th Sat. Empty chest & evaporate Henbane 86 ^{lbs}. Total 303

13th Mond. Grind & press 12 curbs Cicuta. Steam the chest.

14th Tues Empty chest. Grind & press 13 curbs. Evaporate

Yesterdays liquor 53 lbs best Cicuta. 4 horse loads yesterday

19th Sat. Finish Conium 238 ^{lbs} best 5 gallons

fluid & 192 ^{lbs} Common (from 8 loads) made from 10 loads
green Cicuta. Receive 2 or 3 large orders for fluids

June (Continued) 1862

19th Thurs. Draw a batch 170 lbs. from 1026^{lbs} bark
Ext. rather thin. ought to have been 10^{lbs.} less.

20th Frid. George No. wipes & puts away 166⁵ 1/2^{lbs} glass jars &

168 - 1^{lb.} earthen jars received this week. Sisters
wash 700 - 1^{lb.} bottles for fluids, received last week

Draw another batch of ext. mix the last with it. 150 lbs.

21st. Sat. Empty & fill chest heat up, Evaporate &c.

23rd Mond. Draw another batch of Ext 150^{lbs}

Press Cascarilla obtain 3 gal. ^{(rather} ~~inferior~~ ^{think} from 25^{lbs} bark

" Buche obtain 8 gal. fluid + 4 + 5 1/2 = 17 gal. now on hand

put the bag back & add gal. Alcohol diluted as before.

Total 29 gal Fluid Buche made from 125^{lbs} herb &

4 3/4 gal Diluted Alcohol. See May 13th & 23rd

24th Tues. Press chest full of bark. Refill & steam Evaporate & chase.

25th Wed. Draw 160 lbs. Ext. Receive 1345 lbs. Green

Butternut. Emanuel takes up 183 lbs. Pele. Bayberry

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 pressed Sesaminum 10 gal. fluid from 20 gal & 85^{lbs}
 Also made by maceration & percolation about 3 1/2 gal
fluid ext. Canella from 25^{lbs} bark. 7 1/2 pints
fluid ext. Speac from 5^{lbs} by percolation using about 80
 per. cent Alcohol. Last batch of Butternut 142^{lbs} Total
1510^{lbs} Ext. Butternut from 10 chests full of green bark.

Summary for June

Fluid ext.	Fluid ext.	7 1/2 pints Speac	Receive
1510 Butternut	3 gal. Cascarrilla	}	10 gal kegs — 166 3/4 ^{lbs} glass
457 Sandelion Com.	29" Buchu.		jars — 700 ^{lbs} bottles for
<u>Peberiza</u>	10" Sesaminum		fluid — 168 ^{lbs} Earthen
83 ^{lbs} Bayberry	3 1/2" Canella		jars — 35 ^{bls} of
			Alcohol purchased in Antici- pation of the taxes.

July 1862

1st. Tues. Commenced English Valerian: Grind & press 8 curbs, Edmund Valliant commences work on our addition for grist mill

2nd. Wed. Grind & press the rest of the Valerian 12 curbs.

Evaporate yesterday's liquor &c.

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Evaporate it all in the pan.

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Also put Alcohol from 80 to 82 per cent to 133 lbs more

Receive a load of Benbane.

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11 P.M. Farmers begin haying. A.P.C. walks out of the ranks
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Henbane, Evaporate. Yesterday put 20 gal
(also 3p water) to 100 lbs. Caluere root

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entirely in the pan, making but one quality viz. Prime.

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Yesterdays liquor 53 lbs best Cicuta. 4 horse loads yesterday

19th Sat. Finish Conium 438^{lbs} best 5 gallons
fluid & 192^{lbs} Common (from 8 loads) made from 10 loads
green Cicuta. Receive 2 or 3 large orders for fluids

July 1862 Continued.

Make 7 lbs. fluid ext. Ergot from 5^{lbs} powder Ergot; with Proof Spirit or a little under; by percolation.

21st Putting up exts. Withdraw & put up in 1^{lb} Legal. Am. Sarsap.

22nd Tues. Ditto. Ergo commences tinning the roof over our grist room, that is to be. Sisters wash gross of bottles.

Put 28 gal. Spirit (4 parts alc. & 1 water, or 50° over proof) to 82^{lbs} White Hellebore. Put 20 gal Proof Spirit to 60^{lbs} Scullcap

23rd Wed. Putting up exts. Fluids & 64^{lbs} in earthen.

24th Thurs. Grind & press 2 two horse loads of Belladonna Press in 15 curbs & obtain both kettles full of juice.

Put (perhaps 100^{lb} of) water to the pumice & heat up to about 160° or 70° so as not to start the albumens much. This makes us more boiling & proves ~~much~~ ^{much} better than the usual method viz. to simply cook with steam. ^{This statement}

Wm. Peew cuts off the end of his finger. right. fore

Common Belladonna was made by steeping macerating the

This common Belladonna was made by steeping macerating the herb in cold water over night & then press & evaporate as usual. It was a good article, & kept well for a high price.

25th Frid. Evaporate Belladonna. 75 lbs. Best Ext.

& 5 gals. fluid by evaporating about 3 to 1 & adding 1 gal. Alco. to 4 of the concentrated liquor. Put 16 gal. (alc. 3 wa 1) to 18 lbs. Savin. Finish putting up the large order for fluids from Benton Brothers & Co. Having put up 380 lbs. out of 1040 ordered. Have bottled something like 4 bbls. of fluids, within a week. 32 gal.

26th Sat. Put up another order of 150 or 60 lbs. fluids, in 5 lbs.

Sisters still the roses 16 gal. Have received 1 doz

5 gal kegs & 4 gross of bottles this week. Put 2 gal. Proof Spirit to 12 lbs. Jalap. Re-grind Drup. Vomica 78 lbs. of it this time. Ground pretty fine & put 13 gal. Alcohol to it.

Finish evaporating Belladonna 58 lbs. Common ext. & it appears as tho it might keep well. Draw 4 1/2 gal For. Sarsaparilla

28th Mond. Press Cherry bark 13 1/2 gal. fluid from 20 gal. 65 lbs.

Press Amer. Sarsap. 12 + 4 = 16 gal. from 80 lbs & 30 gal. Put back 8 1/2 gal to 27 lbs. Fresh root & the top part of the 1th. with 8 gal. more P. Spirit

July Continued

- 28th Remove the top part from two bbls foreign Sarsaparilla & add it with 4.6 lbs. fresh & add 20 gal. Proof Spirit. Have the Aconite cut & drawn, P. No. Go to raise a barn at the Pierce place.
- 29th Tues. Grind Aconite from 2 beds. 7 curbs
- 30th Wed. Evaporate Acon. attempt to make fluid ext. but fail as we did last year. Done in the same way. It seems to me now, that the first which was made year before last was simply the clarified juice, unconcentrated, with a little Alcohol, say 1/3 to preserve it. Evaporate to a hard ext.
- 31st E. goes after herbs & to Pittsfield & A. after herbs & berries.

Summary

Fluid Ext.	7 pints Ergot	303 Henbane best	Aconite best 77 lbs.
40 gal. Valerian	12 gal. Rose Water	238 Conium "	
5 " Cicuta	Hard Extracts	192 " Com.	
5 " Belladonna	140 Valerian	75 Belladonna best	
13 1/2 " Cherrywild	90 Mandrake	58 " Common	

Have received 1 doz. 2 gal kegs — 4 gross of bottles
to 1st one lb. Jars

August 1862

- 1st Frid. Emanuel goes with the Sisters ~~over~~ on the S. Mountain
- 2nd Sat. Press out Horse hound 12 gal. fluid from 17 1/2 gal & 33 1/2 lbs.
- 4th Mond. Evaporate Mand. 74 lbs. from 133 lbs. root.
- 5th Tues. Horzo goes with the Sisters on Amos' mountain, Emanuel takes up 360 lbs. Pulu. White Oak. Receive 6 gross of 1st bottles which he takes out of the boxes. R. Clark staid here last Sabbath.
- 6th Wed. Put 17 gal. Alcohol (75 percent) to 155 lbs Mandrake Also 25 gal. Proof to 70 lbs. Wacahoo. Emanuel nearly mashes his thumb. Put up spts. &c.
- 7th Thurs. Grind & press 3 two horse loads of Lettuce from the Pierce place. 15 curbs.
- 8th Frid. Evaporate 2 gal. to 1 & take out 9. Add 3 Alcohol making 12 gal. Fluid Exp Lettuce

August 1862 Continued

9th Sat. Put two gal. alcohol to 19 lbs. Sassa.

Emanuel grinds some paint down cellar for painting the house. Evaporate lettuce & draw
4 7/8 lbs Best & 1/4 lbs. Common.

1 gal. Fluid Exp. Cinchona Pale from 25 lbs. By maceration
& displacement

11th Mond. Choring &c. Emanuel commences painting the house. P. Mc. Alongo helps unload barley.

12th Tues. Emanuel painting Alongo commences distilling
Wormwood for the Oil. Obtain about ^{1/2} lb. to the kettle full
(See 16th for info & 6 Sept for other accounts)

14th Thurs. Con. helps the farmers about the oats

15th Frid. Sisters finish washing bottles. Emanuel takes up
1 1/2 lbs. Powd. Bayberry

16th Sat. Put 3 1/2 gal. a 2 parts w. 1 part to 50 lbs. Buchu.
Also 15 gal a 1 & w 2 parts to 50 lbs. Burdock root

Draw 9 gal. fluid from Cubers roof & add ~~10~~¹² gal.
Fresh Spirit al. 3 parts w. 2. — Press out Sarsaparilla

Foreign 16 + 16 = 32 gal. from 60 gal. & 190 ^{lbs} " Distill Slops. with poor success

Distill Wormwood every day since Tuesday, 3 kettles to a load.

18th Mond. Distilling & painting 19

19th Tues. Emanuel goes with H. C. after frostwort
down beyond a stock bridge. Put 10 gal. 4 lb. 1 w to 1/2 2^{lbs}.

Juniper berries. Add subsequently 2 gal. water. 2 lb to 1 w.

20th Wed. Visitors start for Waterlieb. Emanuel assists Henry

21st Thurs. E. assists Henry putting on gravel roof.

22nd Fri. E. Painting. A. Distilling

23rd Mond " " " 25th Henry starts for Canada

26th Tues. Gary comes over to see about setting up the Grist mill

Emanuel cuts a hole thro the ^{cellar} wall to allow an extension of the
main shaft. Eldress A. Starts for Saratoga.

28th Thurs. Em. take up 133 lbs pound Bayberry. Wth. visitors
(arrive home)

August Continued

29th Frid. Pressout Scullcap 15 gal. from 60^{lbs.} & 21 gal.
 Pressout White Hellebore 21 gal. from 29 gal. & 82^{lbs} root
 " " Sarsap Amer. 16+6 = 22 gal from 107^{lbs.} 38 gal.
 " " " Foreign 32+16 = 48 gal. fluid from 236^{lbs} $\frac{35}{2}$ $\frac{80}{2}$
 30th Sat Pub 28 gal. Proof Spirit to 82^{lbs} Stillingia
 " 16 " " " " 32^u Water Peppers. Use the
 16 & 8 gal. of fluid we had on hand, by adding Alcohol to bring it up
 to Proof

Summary

Fluids 10	4 gal. Cinchona pale.	4 1/2 Lettuce com.
4 gal. Cubebs fr. 30 ^{lbs.}	12 " Lettuce gar.	5 97 ^{lbs.} Powd. Bayberry
21 " Veratrum	13 " Horehound	Receive 6 gross 1 ^{lb.} bottles
22 " Sarsap. Amer.	Hard spts.	
48 " Sarsap Foreign	7 1/2 ^{lbs.} Mandrake	15 gal. fluid of Scullcap
1 " Buchu	47 Lettuce best	360 ^{lbs} powd Quercus

15

September 1862

3rd Wed. Longo goes to Hudson with Andrew, Jr. after Savin

5th Frida. Make 76 lbs Savin Ointment. Thus, weigh out $33\frac{1}{2}$ lbs. lard & 18 lbs. green Savin leaves & pine twigs chopped. Cook them together until the leaves begin to crisp; strain out the leaves & add $3\frac{3}{4}$ lbs. of Rosin, the regular proportion, & 1 lb. of Beeswax, being one pound more than the regular proportion, & 1 cake of spermaceti strain in pots to cool. This, added to what we had on hand, makes 108 lbs. 108 lbs. Savin Ointment. The Sisters distill wormwood while I

am absent. Emanuel painting & assisting Robert all this week.

6th Sat. Finish distilling Wormwood Oil, having done a kettle full every day but 1 since the 12th of Aug. 12 lbs Oil.

Longo putting up extracts

8th Mond. Grind about 130 or 140 lbs. Inspissated Cicuta down cellar & put up 110 lbs. in a 10 gal. keg for Lee Sissons & Co.

September Continued 1862

9 Tues. Emanuel painting, picking apples &c. Monzo putting up cts.

10 Wed. Finish grinding insp. Cicuta & clean up the mill. Cook
a chest full of Horehound. Robert sets up his cider mill
below & makes some 75 gal. of cider

11th Thurs. Evaporate Horehound 42 lbs. Sisters pick Stramonium

12th Frid. Make 206 lbs. Stramonium Ointment.

Proportions 32 lbs. Green Stram. leaves. 6 lbs. Rosin

100" Hogs lard 9^{oz} Beeswax

Process same as for Savin — See Sept. 5th

Yesterday Emanuel unpacked, wiped & carried up stairs

145 jars 1^{1/2} lbs for Oint. Today unpacks 5 gross of bottles 1^{1/2} lbs.

13th Sat. Chase with 3 pair chasers, large ones on Golden Seal.

Evaporate liquor obtained by percolating water thro Teratrum &
Sarsap. per. Obtain a little Spirit say = to 8 gal. proof.

This was after the material had been macerated & pressed, to make the usual amount of fluid.

15th Mond. Eman. mends the blowed. Sisters wash 5 gross 1^{lb.} bottles. Draw off raw Veronica fluid 8 1/2 gallons from 13. Make 4 gal. fluid ext. Speace from 19 1/2 ^{lbs.} by maceration & percolation. Make 2 1/2 gal fluid Jalap by maceration & percolation from 10 ^{lbs.} root.

16 & 17 Tues & Wed C. painting. A. putting up exts. 30 ^{lbs.} in 1 g. 4 ^{lbs.} in 2 g. Ministry return home.

18th Thurs. Robert makes more cider 4 1/2 gal. Peberizes. Receive & cook a load of scullcap. Evaporate Sarsaparilla rinsings - put up extracts &c. Press out Burdock root 10 gal. from 15 gal. 50 ^{lbs.}. Receive 1 dg. ~~10~~ 5 gallon kegs.

19 Frid. Press & evaporate Scullcap 32 ^{lbs.} ext. Press Juniper berries ~~10~~ 9 1/4 gallons fluid. from 1, 2 ^{lbs.} & 12 gal. water to 2 alco.

September continued 1862

20. Sat. We take down the west end of the shaft main shaft, that it may be taken over to Pittsfield. Take off all the pulleys

21st Robert takes the shaft to Pittsfield. Emanuel painting

23rd Emanuel painting. Draw off Mandrake, after having added enough spirit to make 25 gal. Add water to the top & obtain by percolation 22 1/2 gal. from 25 gal & 135 lbs. Root. 22 1/2 gal. fluid ext. Mandrake

25th Thurs. Robert brings home the shaft with coupling fitted

26th Frid. We replace the pulleys on the shaft, & put it up again in its place. Dr Chauncy Sears from Groveland here this week

27th Sat. Press Wachoo & obtain 17 gal. fluid from 25 gal. & 135 lbs.

Press Water Pepper 11 gal from 16 gal. & 32 lbs. Subtract Dr for what we put in already made & it leaves 6 gal. fluid ext. This process however, can not form a ^{correct} rule for procedure hereafter.

Draw 22 gal. liquor from Buchu. Reserve 12 gal. to be returned to fresh herb sometime. Put 10 gal. into the keg for fluid Buchu

Return 18 gal. fresh liquor to Buchu. Make 4 gal Cubels this week from 28 lbs.

Draws off & add water to Culvers root. Have got but 15 gal. from 100 lbs. & 32 gal. rather poor management. Have saved however about 4 1/2 gal. spirit additional. Emanuel has taken up 247 lbs Puls. Bayberry.

Sometime within a month or 6 weeks I have put 18 gal 85 per. cent. Alco. to 85 lbs. Black Cohosh. Not on record.
30th Tues. John Clary from Pittsfield commences putting up shafting for Gish mill

Summary to Sept.

Hard expts.	Fluids	Fluids	Ointments
42 lbs <u>Wormwood</u>	2 1/2 gal <u>Jalap</u>	6 gal <u>Water Pepper</u>	76 lbs <u>Savin</u>
32 lbs <u>Scullcap</u>	10 gal <u>Burdock</u>	10 gal <u>Buchu</u>	206 lbs <u>Stramonium</u>
<u>Fluid expts.</u>	9 1/4 <u>Juniper berries</u>	4 " <u>Cubels</u>	12 lbs <u>Oil Wormwood</u>
8 1/2 gal. <u>Dry Tomica</u>	22 1/2 <u>Scandrake</u>	15 " <u>Culvers</u>	<u>Powd 247 Bayberry</u>
4 " <u>Speac</u>	17 <u>Wahoo</u>	<u>Reeing 5 grass</u>	1 lb. <u>Bottles 1 doz 5 gal.</u>
		<u>kegs & 1 1/2 one lb. Oint. jars.</u>	

October 1862

1st Wed. Finish shafting & returns home. Chase, & press James Smith's berries for Buckthorn Syrup. Rain

2nd Thurs. Chase - Robert makes about 38 gal. cider. Rain

3rd Frid. Receive & cook 1 load Dandelions root & top 1st load Chase &c.

4th Sat. Press & evaporate Dandelions. Cook another load.

6th Mond. Set up portable mill, ready to run when we get the belting Chase & Evaporate Dandelion. Press, cook &c.

7th Tues. Receive 2 loads Dandelions. Finish 89 lbs. in the pan
Product of the two first loads after deducting settlings.

8th Wed. Emanuel takes up $\frac{24 \text{ lbs}}{372 \text{ lbs}}$ Pulv. Golden Seal

Thurs. Frid & Sat. Makes $\frac{138}{341 \text{ lbs}}$ Cons. Dand. Extract.

10th Mond. Chase & evaporate. Cook Dandelions &c.

Sat. Put in a lot of old roots blow dirt &c. & put water to them & steep cold $\frac{1}{2}$ a load fresh.

14th Tues. Put 10 gal Proof Spirit to 22 $\frac{1}{2}$ lbs Pink root

Draw 140 lbs. Com. Dandelion. Cook remainder
of Sat. load of Dandelions.

15th Wed. Receive 2 loads Dand. The first since Sat. Draw
203 lbs. Dandelion Middle quality made from the liquor simply
drawn from the chest. Tues. The pressed liquor from the
riff raff together with all that from the remainder of the load (erst Sat.)
will be evaporated tomorrow. Total Middle quality 290⁹⁰ lbs
380

16th Thurs. Empty chest & evaporate. Receive 2 loads Dand.
Draw a batch 134 lbs. Ept. Common 90 of it will answer extra

This is the remainder of the green (load) & dry together total 337⁹⁰ lbs

17th 18th Fri. & Sat. Draw 196 lbs. Com. Dand. Ept.

21st Tues. Emanuel goes down to Peppoon Jacobs on the cars to
pick apples. George Jones works here in his stead. To be gone
three days. 22nd. Receive 1 load washed Dandelions.

23rd. Thurs. weigh 212 lbs. Com. Dandelion Ept. Have put in
2 loads every day untill today, we put in but 1 load because we could get no more

October continued 1862

25th Sat. Weigh 375^{lbs} Com. ext. Dandelion. Receive the last load of Dand. from the Pierce place.

27th Mond. It rains & we receive no Dandelions. Emanuel empties

the chest & presses Buchu 24 gal or thereabouts. Add the liquor with the 12 gal. drawn Sep. 27th making 36 gal. to 44 fresh Buchu

Receive the following orders, the first to be put up in 1/2 & 1/4

furnished that ever came into the house. From Ober & Co. Baltimore

60	60 ^{lbs}	Buchu in 1/2	19	40"	Pink root 1/2
19	2.5"	Cinchona 1/2	30	30"	Valerian 1/2
none	12 1/2"	Sem. Colchici 1/4	2	2"	Veratrum 1/4
none	8"	Ergot. 1/4	57	60"	Lingeed 1/2
60	60"	Castian 1/2	14	14"	Aconite 1/2
none	50"	Seneca 1/2			

Seneca & Colchici Sem.
& Pink root

we could not supply in consequence of not having the material the orderd sometime ago. Of the others we had sufficient for ordinary demands. Thus a weeks work in the present

& probably months in the future is added to our business, & one expense was that for a few hours we had nothing to do. i.e. no orders to put up. To day Sisters wash the bottles which with the waiting &c. required amounts to about 2 1/2 days work. Also wash 2 gross of pint bottles.

28th Tues. Emanuel takes up 216^{lbs} Puls. Bayberry. Receive & cook 1 load Dandelions. Press Stillingia 17 gal. from 28 gal & 82^{lbs}. Press Savin 12 1/2 gal from 19 gal & 48^{lbs}. 3 gal. being added just before we pressing.

29th Wed. Receive 2 more loads of Dand. the last for com. aft.

30th Thurs. Press & evaporate. Put 24 gal. Dilu. Alcohol to 75[°] Stillingia. Put 30 gal. 2 p. a & 3 w. to 80^{lbs} Senna.

31st. Frid. Alongo goes with girls for nuts & exercise & we all got enough. Emanuel putting up fluids &c. Put 28 gal. Proof Spirit to 56^{lbs}. Uva Ursi. Receive the betts to run our grist mill. Thurs. Robert made cider, 1 cheese Receive 1 load of Dandelion roots in 48^{lbs} more Common Dandelion

Summary to October 1882

Receiving 2 gross 1 pint bottles	Powdered	Fluid Extr.	Solid Extract
2 gross 1/4 pint & 4 " 1/2 "	531 Golden Seal	17 gal. Stillingia	Com. Dandelion 1789
On the 14 th Nov. 1/2 pt. bottles are all filled	216 ^{lbs} . Bayberry	12 1/2 " Sawin	Middle quality 380
		see 1 st of next month	Best 19 1/2

NOVEMBER Total 2363

1st Sat. Cook 1910^{lbs}. Dandelion roots from Perry.

Start the Grist mill 1st time. Grind Colchi. Rad for fluid

3rd Mond. Add 16 gal. Alcohol to liquor from the chest making

81 gal. fluid Extr. Dandelion. Press remainder & boil

1st Put 268^{lbs}. Gentian into the chest & boil.

4th Tues. Draw off Gentian liquor & boil in the kettle. Finish

Evaporating Dandelion & draw 19 1/2^{lbs}. best extract

Boil 6 bbls. cider into 2 for E. Wickersham. Grind Comps

for Stillingia & Spurred Rye. Robert makes 256 gals.

cider below.

5th Wed. Finish Gentian 1/4 lbs. Ext. rather soft. 25

Put 550 lbs. of the bran of Poplar bark into the chest & steep.

6th Thurs. Robert makes between 335 & 40 gal. of cider below

Evaporate liquor from Poplar. Em. sick P.M. gives up

7th Frid. Robert finishes making cider & very, very, glad (310 gal.) are we all. Some 35 ^{32 gal. each} bls. of cider have been made here this

Season. Continue evaporating Poplar. Snows 3 or 4 inches

8th Sat. Press Poplar & curbs & continue evaporation, Aug. Stone makes a curb of cider about 25 gal. Then we turn out the cider mill & clean up the floor, no slight affair neither being nearly 1/2 a days work. Emanuel tends fire & with the assistance of a couple of boys wipes out 223 2 1/2 vials & puts them away up stairs. Today, yester, & day before have been boiling 9 bls. of cider into 3 for Robert. Cast. kettle. i.e. part of the time have run but one pair of chasers this week. Altho last week Em. overhauled the little ones & repacked them, something is wrong yet which we

November continued

have not had time to remedy. George Jones assists us 1/2 of to day.

10th Blow off the boiler. Snow 18 inches deep. Therm. about 26°
E. cleans up the big chasers taking up remainder of the golden seed
(see last mo.) Takes up 144 lbs. Powd. Bayberry.

Put 20 gal Proof Spirit to 52 lbs. Foreign Sarsaparilla. etc.

11th Put 20 gal. 2 a. 1 w. to 76 lbs. Comp. Stillingia. ground

" 10" Proof to 26 lbs. Seneca coarse ground

11th. Add 12 gal. Diluted Alcohol to Gelseminum.

Draws from Black Chosh & percolate with water

19 1/2 gallons fluid from 85 lbs. ground seeds 1 1/2 bbls. maple

Syrup for Edward. James Smith brings his articles
here for Liverwort Syrup. & we steep it in the chest.

12th Wed. Draw off liquor from the chest, add more water & re-steep

Evaporate in the pan. Em. banks up around the boiler room.

13th Thurs. Draw off 27 gal. Fluid of Puchu. Add 27 gal. fresh
spirit

14th Frid. Put up orders, finish filling all the $\frac{1}{2}$ pt. bottles. Eman. ²⁷
takes up 448 lbs. pulv. Bayberry. Clean up the little chasers
again. We take 18 lbs. Acornite dissolve it in 12 gal. of water
& add 1 gal. of Alcohol for fluid. ^{17 gal. over.} Deduct 3 gal. for sediment

Wed 12th Put 30 gal. 2 w. 1 a. to 122 lbs. ground Gentian

15th Sat. Putting up orders in 2 g. viz. 11 Belladonna 7 Conium
& 7 Henbane for Ober & Co. Eman. assists.

17th Mond. Continue putting up orders.

18th Tues. Trim grape vines. Eman gets out some stuff
for curb bottom & followed; we expect Edmund to make them
Close up the west door with straw. Receive two
more orders to fill, one from Benton brothers. Dissolve
13 lbs. ext. Valerian in 19 gallons of water & add 3 gal. of
Alcohol making 13 gal. Immediately put up 5⁰⁰ lbs or between
8 & 9 gal. $\frac{1}{4}$ ext. should make 20 gal fluid Valerian
19th Wed. Wipe & put away 288 or 2 gross of 1^{lb.} ext. jars.

November Continued

Put 16 gal. Proof Spirit to 65^{lbs} Rheubarb. Executing orders for fluids & solids. 2 gal. Proof to 23^{lbs} Galap Galap
20th Thurs. Chase. Start big chasers on Queen of the Mead root. Grind cherry bark for macerating. Press Pink root 7 1/2 gal. from 22^{lbs}; too weak - will have to put in more root. Press Yellow Jessamine 18 gal. too weak will have to put more root to it. Make & put up 5 pints Ergot fluid. Weigh exts. for James Syrup Sarsaparilla. Warm rain. Thermom. between 60 & 70.

21st Frid. Abstract 2 gal. fluid from Gentian. Put up 3 more pounds Ergot fluid. Put ^{19th} gal. Proof sp. to 65^{lbs} Rheubarb. Chase with 2 pair.

22nd Sat. Chase with two pair &c. Yesterday drew 15 1/2 gal. fluid ext. Senna from the barrel & put 15 fresh liquor to the herbs. Put Yellow Jessamine fluid to 33^{lbs}
+ 3 1/2 gal. Settling = 18 1/2

Fresh root. Soak the former batch of Jessamine in water over
night & evaporate to 1/2 gal. + 1/2 gal. Alcohol & settle it, & mix with the other fluid.
Save 1/2 gal. Proof Spirit.

24th Mond. Chase with 2 pr. Emanuel Receive 169 lbs. Sarsaparilla
etc. & 1 gal. Key from Joseph Adams.

25th Tues. Emanuel papers herbs. A. chase with 2 pr.
Compound 130 lbs. Comp. Sarsaparilla. P. M.
Emanuel goes to Albany.

26th Wed. Chased. 27th Thurs. Thanksgiving

28th Frid. Make 2 1/2 gal. fluid of Cubeb from 16 lbs.

Grind Gunjah for fluid Cannabis. Press Senna
5 + 22²⁷ gal. & add to 80 lbs. fresh herb. Press Mva Ursei 2 1/2 gal
& add to 18 lbs. fresh herb. Put 15 gal. Alcohol to 2 lbs. Gunjah

& warm it in the little still. Attempt to grind Colchicum seed
in the grist mill, but do not succeed. Raise the stones so as nearly
to stop the engine & it only cracks about 1 seed in a score or more.

29th Sab. A. M. Emanuel washing beets. P. M. We both assist
in putting down the aqueduct at the mill.

Supplementary to November 1862

Fluid extracts	2 Gentian	144 ^{lbs.} Solid ext. Gentian
82 gal. Dandelion	1 Ergot	60 " " " Poplar
27 " Buchu	2 1/2 Cubebs	Receive 2232 oz. glass jars
14 " Aconite	15 1/2 Senna	" 288 one lb. white jars
13 Valerian	592 ^{lbs.} Bayberry ^{Tree}	From J. Adams 169 lbs. ext. Sarsapar

Decoct the ingredients for James Syrup of Bitter Bugle &c.

December

1st Mond. Wash Beets. Clean the grist mill; find the stones badly gummed with the hulls of Colchi. seed. Put the seed in the kiln; & various other items.

2nd Tues. Eman. grinds beets & clarifies the juice 32 gal. Alongo fits the quill around the little chased spindle & prepare them for pulv. Draw liquor from Cannabis & add about 10 gal. more & gently heat it up.

3rd Wed. Evaporate beet juice to aft. 2 1/2 gal. Not very tasty.

Again change liquor Cannabis, adding 8 gal. Start the little chasers on Lobelia. In starting the pumps we find the piston on the east rod loose, the nut off, & the pin out that holds the collar above the valve, so we have that to take to pieces. Yesterday 1 of the scrapers on the big chasers got loose & became badly bent; have it repaired to day. P. M. after 1/2 past 3 A. assists in cleaning up the orchard 4th Thurs. E. presses Sarsaparilla 13 gal. Put. 13+18=31 gal to 65 lbs. fresh Sarsap. Wash the first with water & evaporate. Alongo assists ~~in~~ in the timber yard.

Frid. E. takes up 148 lbs Puls. Queen Meadow root, & 298 Poud. Bayberry. Repack the center to the middle chasers.

A. in the timber yard. There have been 6 or 7 hands to work there for 3 days back & it needs nearly another day to finish karum scarum.

Yesterday E. put 22 1/2 gal. Alcohol to 120 lbs Ginger

On Sat. Press Comp. Stillingia 13 1/2 gal. from 76 lbs. & 21 gal.

December Continued

- Percolate with cold water & evaporate to 1 gal. Add 6 pts. fluid P. Ash berries with Alcohol to make up the measure of a gal. & add to the former making 15 1/2 gal. fluid ext. Comp. Stillingia
- Press Seneca Snakeroot 7 1/2 gal. Evaporate Cannabis 4 ^{lbs} & M. Mond. Start the big chasers on Bitterroot, Chase & Evaporate. ^(see 18th Chase)
- Put 2 1/2 gal. Proof Spirit to 9 lbs. Wild Cherry ground.
- 9th E. Chase. Draw from Rhei 4 1/2 gal. fluid ext. Add 7 gal. strong Alcohol to the root. A. at work upon the canal dam.
- 10th Wed Em. Chases on Bitter root & Lobelia. Change Gention into another barrel to loosen it & add 6 gal. liquor. Feet 18 gal. Proof Spirit to 5 1/2 lbs. ground Calisaya. Grind both kinds of Cinchona bark.
- 11 Thurs. Chase. 12th Frid Emanuel takes up Bitter root 122 lbs. & 434 lbs. Powd Bayberry. The last 4 days Alonzo works at the Canal & covering the aqueduct. A late job for the kind
- 13th Sat. Send over a pattern to Pittsfield for a gill to surround the shaft of the Middle chasers. Choring. Receive 2 tin pails 1 set gal. & 1/2

15th Mond. Emanuel helps clean up the mill yard. A. choring about ^{house}

16th Tues. E. cuts up rubbish & other chores. G. assists in chucking
the quills to the middle chasers A. M. P. M. help thrash barley

17th Wed. Start the big chasers on Cranebill. Grind Red Cin.
chona bark. A. Fits the quill around the spindle & about 2 o'clock
we start the middle chasers again on Bayberry. Run 3 pair.

Press out Gentian 33 gal. fluid from 132 lbs. & 4 1/2 gal. spirit

18th Thurs. Take up $\frac{7}{16} + \frac{19}{19}$ lbs. Cranebill powd. Press Stillingia &
evaporate in the pan for solid. Put the root back & add water.
Press Rhei. & add water to the root. Chase with 3 pair.

Put 7 1/2 gal. fluid weak Pink to 26 lbs. Pink root ground, & add enough
to make 9 gal. Proof. Yesterday put 1 1/2 gal. 5 p. v. & 2 w (30°) to
32 lbs. Catnep. Take ^{out} the cast piston to the air pumps to repair.

Sat. 6th Evaporate Cannabis & save 26 gal. 85 percent
Alcohol out of 32 or 3 full strength. Yield 4 lbs. Wine ext. from
28 lbs. Has not been washed & I think will not need to be.
27 lbs Powd. Labelia

December Continued

19th Fri. Press out Senna 19 $\frac{1}{2}$ gal. Total 35^{see Mrs.} gal. from 50 gal.

& 160^{lbs.} herb Evaporate Stillingia to $\frac{7}{8}$ lbs. from 2 $\frac{1}{2}$ gal. & 75^{lbs.}

Recovered about 16 gal Proof Spirit. The fluid Senna above had 2 or 3 lbs. solid m^t. dissolved in among the herb. The Stillingia had warm water put to it ^{fresh} after standing over night was drawn off & the rest pressed.

It was pretty much exhausted of taste yet the yield was but 1^{lb} to 10!

20th Sat Put 20 gal. Proof Spirit to 69^{lbs.} Pale Cinchona

& 6 $\frac{1}{2}$ " " 22^{lbs.} Red Cinchona

Evaporate the water percolate of Rhei & put it to 2 gal. & mix with fluid. Also evaporate 4 gal. ^{65 percent.} Spirit from 7 Rhei fluid.

Evaporate water percolate of Senna to $\frac{1}{2}$ gal. & reserve for use

Put 13 gal. Proof Spirit to 30^{lbs.} Cotton root bark

22nd. Mond. Chase with 3 pair

23 Tues. Draw 11 $\frac{1}{2}$ gallons from Gelsemium & put water to the root Draw 16 gal. from Ris Sarsap. & reserve for fluid.

Return 20 gal. fresh liquor, Measure & strain Rhei³⁵

1 1/2 gal. fluid ext. from 65 lbs root, Chase.

24th Wed. Chase. Joseph mashes his thumb & Alonzo helps finish
thrashing. 25th Christmas Thurs.

26 & 27th Frid. & Sat. Putting up fluids having received ~~an~~
order for 6 or 700 lbs. E. takes up 263 lbs. Puls. Cranesbill

215 lbs ~~Powd~~ Sabelia & 150 lbs. Bayberry Powd.

29th Mond. Evaporate water from Salsaminum & make from
the whole 116 lbs. 1 1/2 m gal fluid ext. Yellow Jessamine Also ~~see~~
deco Maca Wasi to 16 m gal fluid from 72 lbs. leaves. Chase

Put 16 gal. Proof Spirit to 53 lbs. Blue Cocosh

Draws of Press Buchu 20 gal. to be returned to fresh leaves sometime.

Press Jalap 3 1/2 gal.

30th Tues. Put 8 gal. proof Spirit to 23 lbs. Malefern ground. Also

2 + 20 gal. Proof to 66 lbs. Eleuris root ground. Chase.

31st Wed. Chase & various other items. Finish Cranesbill.

Supplement to December

fluid pts. } gal 15 1/2 Comp. Stillingia 17 1/2 " " 7 1/2 Seneca } " 33 Gentian } " 19 1/2 Serina }	16 gal Rio Sarsaparilla } 17 1/2 " Yellow Jessamine } 16 1/2 " Uva ursi } 14 1/2 " Rhei } 3 1/2 " Jalap	Powdered taken up 88 2 lbs Raspberry 148 2 Mead. root 122 Bitter root 672 Oxanesbills <hr/> Solids 234 sph. Cannabis 7 1/2 Stillingia
Recipe 1 doz. 1 gal pots 1 doz. 2 gal. jugs.	11 three gal. 1 doz. 2 gal 1 doz. 1 & 1 doz 1/2 gal.	

The weather has been uncommonly mild this month. We have had so far but one snow storm of any account & that melted off in a few days. For several days previous to the 31st there was scarcely any snow visible & the thermometer ranged from 9° to 18° above zero. On the 31st it snowed about 4 inches

January 1863

1st. Take up Cranesbill. See last month. Put a new belt on the blower, & various smaller items

2nd Press Wild Cherry 13 $\frac{3}{4}$ gal. ^{per 13th}. put water to it & macerate.

Put 16 gal. Proof Spirit to 22 lbs. Princes pine

3rd Sat. Chase. Commence on Golden seal. C. helps Steaks wood.

5th Mond. Weather mild. Therm. 50° above zero. Snow mostly vanished.
 Change in the blacksmith's shop Henry goes to take care of the boys.
 Put up extracts. Third of bottles get along. & Unpacked

6th Tues. Sisters wash part of the bottles. Unpacks the remainder. Put up extracts &c. Snow about 6 inches & blows & freezes &c.

7th Wed. Emanuel drawing logs. Sisters wash the remainder of the bottles & gross $\frac{1}{2}$ lb. minus 32 broken $\frac{1}{2}$ gross $\frac{1}{2}$ lb. minus 1 dz. broken leave put up 28th Sandalwood etc in lg. within a few days

The average number of broken bottles is 4 or 5 to the gross.

8th Thurs. Chase & make Comp. for Fitch Fried Rab. ditto
Evaporate water from Cherry bark. to 1 gal.

January 1863 Continued

12th Mond. Putting up orders. Eman. drawing logs.

13th Tues. Press Cinchona pale 12 gal. do. Red Cinchona $4\frac{3}{4}$ gal. from 22 lbs. & 7 gal. Also Calisaya 12 gal. from 18 gal. & $5\frac{1}{2}$ lbs. & Pink root $7\frac{1}{2}$ gal. from $12\frac{1}{2}$ gal. $48\frac{1}{2}$ lbs. Chase with east & west pair. Receive another order from Ober & Co. for over $5\frac{1}{2}$ gal. fluids to be put up chiefly in $\frac{1}{2}$ l. 435 lbs. in 890 bottles

Cherry Fluid $17\frac{3}{4}$ gal. from 97 lbs & 27 gallons. Prop. 2 gal. being added from the evaporated liquor. Draw $\frac{1}{2}$ gal. from Blue Cohosh & add 2 gal. fresh liquor (added in 29th Dec.)
~~Have made $\frac{1}{2}$ gal. Ergot fluid from 20 lbs. by percolation~~

14th Wed. Emanuel assists putting up fluids. Make 2 gal. fluid Cannabis Indica from 1 lb. Extract. Also wash the solid est. Cannabis in warm water.

15th Thurs. Wet under foot & over head. Putting up fluids &c. Put 16 gal. fresh liquor to each Calisaya & Pale bark

16th Frid. Rains most all day — Grind 160^{lbs}. Cabelas 50^{lbs} 39

Beth root 50 Comfrey 50 Avena root 20 Specaac for
fluids — Chase &c. Puro Rio Durasp 2 1/2 gal. & add it with 6 more = 30 gal to 70^{lbs}
new root

17th Sat. The Frenchman cuts out the eye of the stone some 8 pints
in a new piece of tin — also cuts away the shoe to be hopped that
it may feed better. Evaporate water from Sarsaparilla & add 1/2
gal. Alcohol. Put 2 1/2 gal. Proof Spirit to 101^{lbs} Squills also 3 1/2
gal 85 percent to 20^{lbs}. Specaac Also 16 gal Proof Spirit to 51^{lbs}
Beth root Chase &c.

19th Chase — Receive 4 gross 1/2 pint bottles & 2 gross pint do

~~18th~~ Tues. Press Cotton root 13 1/2⁺² gal. & return it 22^{lbs}. fresh bark

20th Tues. Sisters clean the small bottles & find an average of 5 1/2 to
the gross, worthless. Put up remainder of the fluid for Ober & Co. 163

21st Wed. Chase. Finish Golden Seal & Lobelia. Press Catnep
or a part of it & return the liquor to the herb taken off the top
Press Malefern 5 1/2 gal. from 23^{lbs}. & 8 gal.

Business 1863 continued

Press Blue Cohosh 13 1/2 gal. from 17 gal & 5 1/2 lbs not ground, ^{but} _{crk'd}

Put 18 gal. to 38 lbs. Sassafras ground. Proof Spirit

22nd Thurs. Take up Coluber 398 lbs. Pule. Golden Seal 205 lbs.

23rd Frid. Re-press Catnip 9 3/4 gal. from 32 lbs. & 1 1/2 gal.

Put 12 gal. Proof Spirit to 21 lbs Severges & 19 1/2 gal. to
50 lbs. Spearmint, 12 gal. (2 a. 2 u.) to 25 1/2 lbs. Sassafras

Receive an order for some 325 lbs. Fluids of which we can
furnish 300 lbs. From Smith & Co. Chic. Put up a part of it

Have made 8 gal. Fluid of Ergot from 55 lbs. by percolation

This includes the statement of the 14th & the 1st gal in the Supplement to Decem.
which was put on last years account. Have made 3 1/2 gal. fluid

of Cornfrey by washing 7 lbs. ground root with hot water, ^{then}
on a screen. Have also received this month, 1/2 dz, 20 gal. kegs

1/2 dz, 10 gal. do & 1/2 dz, 5 gal. do. } Put 6 gal. Proof Spirit to

2 1/2 Sals Chase & put up fluids. } 28 lbs. Wild Turnep

26 Mond. Emanuel goes to the blacksmith's shop to work 4 days. Along
putting up sfts. Receive another order for fluids & solids. 41

27 Tues. & 28th wed. Putting up sfts. Take up Wild Turnep 126^{lbs}.

29 Thurs. Chase. 2 pr. on bayberry & 1 on Balmomy. Press Fleurisy
15 $\frac{1}{2}$ gal. Put water to the root. See 30th

30th Frid. Have surrendered Em. to Robert's controll until I want him
He sets him to drawing wood off the mountain. Evaporate water
from Fleurisy to 1 $\frac{1}{2}$ gal. Add to the fluid making 17 gal. fluid from ^{66^{lbs}} 62 gal.

Press Pale & Yellow Cinchona & put water to them. Chase &c.

31st Sat. Chase. Evaporate liquor from pale bark to 1 gal. add $\frac{1}{2}$ gal.

spirit which with the 15 $\frac{1}{2}$ gal. pressed out = 18 gal. put to 15^{lbs} fresh bark

Put 16⁺ gal. pressed out to 50^{lbs} fresh Calisaya. Put 20 gal. 8^o to

72^{lbs} Indian physic. Evaporate water percolate from Calisaya

to $\frac{1}{2}$ gal. & add $\frac{1}{2}$ gal. Alcohol & put with the other 16 gal.

Summary to January

Received 1120 pint bottles 1110 $\frac{1}{2}$ pint. $\frac{1}{2}$ dg. 90 gal kegs $\frac{1}{2}$ dg,
10 gal & 1 dg, 5 gallon kegs &

Fluids made in January 1853

Catnyp 12 gal	Speac 2 gal	Pleurisy 17 gal
Rab. Linctona (see Moreh) "	Ergot 7 "	
Red. " 4 3/4 "	Skale fern 5 1/2 "	Powders
Pink root 7 1/2 "	Blue Cohosh 13 3/4 "	Colicis 398
Cherry 17 3/4 "	Catnep 9 3/4 "	Golden Seal 205
Cannabis 2 "	Comfrey 5 1/2 "	Wild Turnep 126

February 1853

2nd 3rd & 4th Choring & pulling up extracts.

5th Thurs. Chase. Weather very cold 19° below 0 in the morning or 7 o'clock A. M. & 14° below at 6 P. M. See Sat. 7th

6th Frid Press nothing. Chase. Very cold. Strong N.E. wind

7th Sat. Press Spearmint 13 1/2 gal. fluid from 50 lbs & 19 1/2 gal.

Put water to the herb & Tues. 10th evaporate about 2 1/2 gal. very weak Spirit. Thurs. 5th Adrew out the liquor from

Spearmint, Feverfew & Stiverwort & returned it to the top. ⁴³
Press Princes Pine obtain 12 gal. & return it to 16 lbs. fresh
herb. Weather very mild.

9th Mond. Putting up orders, chasing &c.

10th Tues. Chase. Grind Black Bellbore for solid ext. &
White Ind. Hemp for fluid, also 2 ~~x~~ bbls. Bayberry full
of sticks, chips &c. for pulverizing.

11th Wed. Chase. Put 15 gal Spirit 50° to 21 lbs. Peppermint
Put 12 gal ~~R~~ 2 a 3 w to 31 lbs. Coltsfoot.

Press Feverfew 8 lbs. gal. & return to 18 lbs. fresh herb
Add also 2 gal. Proof Spirit. Press Cotton root 12 lbs.
gal fluid from 52 lbs. & 20 gal.

12th & 13th Thurs. & Frid. Letting in Ice.

14th Sat. Chase. Percolate Bell root with water. Obtain
10 lbs. gal. fluid from 52 lbs. & 16 gal. Percolate Ginger
with water. Obtain 11 ^x lbs. gal. Total 25 gal. fluid from 120 lbs. & 36 gal.

February Continued

15th Mond Obtain the 2 $\frac{1}{2}$ lbs. Colchicum Seeds that Joseph Adams, friend has ground for us & put Proof Spirit to it. Put up extracts &c.

17th Chase. Commence another decoction for Fitch 2 lbs. Poplar 2" Wahoo 2" Milkweed 2 Indian Hemp 1 $\frac{1}{2}$ Prickly Ash berries &c. amounting in all to 13 $\frac{1}{2}$ lbs. to be exhausted & evaporated to 7 pts. & add 1 qt. Alcohol - 2 gal. Put Spirit (3a & 2w) to 53 lbs White Ind. Hemp ground ^{12 $\frac{1}{2}$ gal.}

18 & 19 Wed & Thurs. Chase. Percolate Avena root 8 gal. Add 20th Frid. water & obtain 8 more. save 10 - evaporate 6 gal to 10

Add alcohol enough to make 12 $\frac{1}{3}$ gallons Fluid Avena from 55 lbs. root & 16 gal. Proof Spirit.

20th Frid. Putting up orders. 21st. Sat. Chase &c.

23rd Mond. Take up 22 $\frac{1}{2}$ lbs Paid Balmory, & start big chasers on scullcap. Decoct 60 lbs. Blackberry in two waters

For fluid, & commence to evaporate. Draw $11\frac{3}{4}$ gallons⁴⁵
fluid from Squills & add $12\frac{1}{2}$ gal. fresh Proof. Press
Riverwort $10\frac{1}{2}$ gal from 12 gal. & $25\frac{1}{2}$ lbs. return to 8 lbs. New leaf
Put 22 gal. Spirit 85° to 120 lbs. Black Hellebore for solid etc.

24th Tues. Funeral. Choring &c.

25th Wed. Decoct 25 lbs. Hydrangea in 3 waters. Grind
2 barrels of Bayberry - Some that was refused here & sent back
to the cartshed 3 years ago because it was so full of sticks
Take 13 lbs Boninum best & dissolve it in 2 gallons hot water then add 6 gallons
of cold water & 2 gallons of spirit. Total 19 gallons fluid et Boninum

26th Thurs. Chase. Draw $11\frac{3}{4}$ gal. fluid from Indian Physic
Evaporate Hydrangea to 3 gal. Add about 18 lbs Honey 4 gals. &
evaporate to 5 gal.

27th Frid. Emanuel has assisted me this week untill about 10 o'clock
today, he goes to help saw wood. Chase. Put water to Speac. &c.
Press Wild Turnip. $3\frac{1}{2}$ gal from 6 gal. & 28 lbs.

February & March
 28th Sat. Put 12 gal 1 a 2 w to 33^{lbs}. Cleaners. Putting
 up orders, choring, &c.

Summary

Thuids	Avena root 12 ^{1/3}	Wild Turnip 3 ^{1/2} gal
Cotton root 13 ^{1/2} gal	Blackberry 8	Colchicum Sem. 4 "
Ginger 25 "	Spearmint 13 ^{1/2}	Conium 14 "
Bell root 14 ^{1/2}	Seydrangea 6 ^{1/2}	Indian Physic 14 ^{1/2}
		Powders
		22 ⁷ lbs. Balmoney

March 1863

2nd Mond. Putting up orders — taking out bottles — choring &c.

3rd Tues. Sisters wash bottles.

4th Wed. Sisters continue washing bottles 7 gross 1 pint
 6 gross 1/4 pint 18^{1/2} bottles 1/2 pint. Emanuel returns
 to my assistance. Press Sewerkey 9 gal. Juice from
 12 gal. & 39^{lbs}. herb. Press Prince Pine 11^{3/4} gal. from
 16 gal. & 38^{lbs} herb.

Draw off liquor from Spurb. & Kottspod & return to the top.

Weather cold Thermos. 10° above zero only. Give 100 lbs. Alcohol to J.A.S.

5th Thurs. Press Squills. Obtain $20\frac{1}{2} + 11\frac{3}{4} = 32\frac{1}{2}$ gal. out of 36 $\frac{1}{2}$

Evaporate water percolate from Indian Physic, make 2 $\frac{1}{2}$ gal. use last month

Put 12 gal. Diluted Alcohol to 55^{lbs} Poplar bark Also

12 " " " " 38^{lbs} Trastwort, on the 4th

20 $\frac{1}{2}$ ^{5 fresh liquor} gal. Squills returned to 9^{lbs}. fresh root. Draw from

Rio Saraparilla 12 $\frac{1}{4}$ gal. fluid & return 10 gal. fresh liquor

6th Frid. Receive an order for 240^{lbs} fluid in 10 $\frac{1}{2}$ gal. Draw

7 gal. fluid Cinchona from pale bark & add 8 gal. new liquor

Also 8 gal. from Calisaya & add 6 gal. do. Robert grinds

some apples out doors for cider. Make fluid Cubels.

7th Sat. Chase. Press cider kc. Put up fluids

9th Mond. Press Pale bark $15\frac{1}{2} + 7 + (12 \text{ see Jan.}) = 34\frac{1}{2}$ gal. total

from 144^{lbs} bark & 48 $\frac{1}{2}$ gal. Proof spirit. Press Cloverwort

10 gal. fluid from 33 $\frac{1}{2}$ lbs. & 12 gal. Emmanuel helps saw wood
_{1/2 day}

Thermos. 5° below zero;
bitter cold all day.

March Continued, 1862

10th Tues. Press Calisaya $11\frac{1}{2} + 8 + (12 \text{ see Jan.}) = 31\frac{1}{2}$ Total from 41^o gal. Proof spirit & a little over 100 lbs. bark.

Last Thurs. Steamed 25^{lbs} Ignatius bean in the chest ~~last~~ it lie over night. Frid. mash it in the pug mill & put in the kiln to dry. Tues. ^{weighs} just 19 lbs. Re grind it in the pug mill & put to macerate with strong Alcohol.

Mon. Grind 15^{lbs} Ergot sift & re grind &c. Put to macerate in 40 per cent Alcohol.

11th 12th 13th Choring putting up orders &c. Emanuel to work here & here - goes one day to Washington. Thermo. 1° below zero ^{Freeze} 9° in Have had about 3 feet of snow within a week commencing last sat. & pretty strong winter weather.

Have made 7 gal. fluid St. Cloves & 7 gal. fluid Cubeb from 28 lbs. (7 gal. more from 56 lbs. & strength to 3 gal in 6 gal Alco. more = 10)

14th Sat. Chase with 2 east pair. Press Collafoot $9\frac{1}{2}$ gal. fluid

From 31^{lbs.} & 12 gal. Press Peppermint 10^{3/4} gal. from 49^{lbs.} ⁴⁹

& 15 gal. Save about 1 gal. of Spirit by percolating with water.

16th Mond. Chase - evaporate bc. to heat the house. Emanuel assists the carpenter in putting up support under the attack room. Putting up orders bc.

17th Tues. Putting up orders. Put 30 gal. liquor, been in once to 65^{lbs} Buchu. Put 10 gal. 10^o Proof to 40^{lbs} Hemlock.

Draw 13^{1/2} gals fluid from Squills & return 15 gal Proof Spirit Emanuel putting up orders.

18 Wed. Skoring & putting up orders. Finish Hydrangea fluid ^{to train}

19 Thurs. Chase. Grind Gentian for fluid & also 50 or 60^{lbs} Stramonium Sem. for herb shop boys. Press White Indian Hemp 10^{1/2} gal. from 53^{lbs} & 15 gal.

20th Frid. Putting up orders bc. Put 12 gal. Proof Spirit to 31^{lbs} Yarrow. Also 18 gal. Sitts to 65^{lbs} Bonaset

21st Sat Chase & make 5^{lbs} White I. Hemp solid from liquor obtained by percolating the root with water.

Put 1/2 gal. Proof Spirit to 40^{lbs} Angelica root
23rd to 28th Make Black. Scillebore solid 35^{lbs} from 120^{lbs}
use 30 gal Alcohol & save 40 gal Proof Spirit by distillation.
Press Elder Flowers 9 gal from 16 gal & 28^{lbs}
" Frostwort 7^{3/4} gal. from 12 gal & 38^{lbs}

The Black Scillebore was coarse ground, Put into a barrel & 22 gal.
Spirit 85° added. Macerate 2 or 3 weeks & draw off. Add ^{from} 10 to 12
gallons water & let run thro, & then add 10 gal. more Alcohol full strength,
let percolate thro, & add much water & let percolate a long time.
Evaporate the last liquor obtained, first, as for Mandrakes with
the result above indicated. Take up 27^{lbs} Pulv.

Bayberry. ~~Grind~~ ~~tbls~~ ~~Centian~~ ~~for~~ ~~plac~~.

Made a Compound from 150^{lbs} of various articles for Dr Fitch
Steamed it in the chest - pressed it - boiled the liquor in the pan
to 8 or 9 gal. & add 6 gal. Proof Spirit, making 15 gallons.
Put up orders &c. Em. at the 2nd house part of the time

~~Put~~ 3rd Tues. Put 12 gal Proof to 43^{lbs} Wintergreen. Also 12 gal. to 29^{lbs} Motherwort. Press Squills 29 1/4 gal. + to 25 =

47 gal. Solid ext. Squills from 200 lbs root & 56 1/4 gal. Proof spirit

Summary

Shields	1/2 Caneles (from 10 1/2 see)
9 gal. Feverfew	9 1/4 Coltsfoot
11 3/4 u Princes pine	10 3/4 Peppermint
12 1/2 u Sarsap.	10 3/4 W. Ind. Hemp
3 1/2 u Pale Cinchona	9 Elder flowers
2 1/2 u Calisaya	7 3/4 Troscwort
10 u Liverwort	47 gal. Squills
1 u Cloves.	15 Dr. Hitch Comp.

Solid exts.

5 lbs. White Ind. Hemp
35 " Black Hellebore 120 ^{lbs} root
Powdered
47 1/2 lbs. Bayberry.
Bottles received
7 gross 1 pint
812 bottles 1/2 pint
6 gross 1/4 pints

April

1st Wednesday Press Sarsaparilla Rio 22 gal. put 12 gal. into the barrel. Reserve the rest untill another time. Press Cloves 8 gal. from 12 gal. 33 lbs.

April 1863 Continued.

2nd Thurs. Put 20 gal. Proof to 75 lbs. Seneca ground yesterday.

Put 10 gal Proof to 29 lbs Brava root crkd. Put up

3rd Fri. He assists the herb shop boys in taking an inventory of articles on hand. Emans. getting in cord wood.

4th Sat. Press Pink 7 gal. from 10 gal. & 29 lbs. Finish powdering Crawley. Has occupied 2 1/2 days. Put 16 gal Proof Spirit to 65 lbs. Yellow Sack Also 16 gal a little under Proof to 59 lbs. Columbus. (3 lbs. Ergot) Mandrake looks to fluid journal Bitterroot.

6th Alongo goes out to work at the wood. Emanuel putting up orders & to work in the Laboratory choring.

7th Clean up 68 lbs Crawley pulverized also 207 Bayberry. Put up an order &c

8th Run 1/2 day with east & west chasers. Overhaul & pack the collar to the middle chasers & get ready to run them. Andrew Fortier draws us 10 bbls of roots & bark to pile.

Grind 91 lbs of Dandelion root for Herb shop boys. also 2 bbls of ⁵³
pale bark for fluid

9th Run 3 pair of chasers middle ones on plewis root. Grind

II Pink root for fluid. Open the West Door. About 9 o'clock
P.M. there appeared in the heavens ~~about~~ in the course of
the Sun's orbit in June. a splendid belt extending from
east to west as far as the eye could see. curious phenomena.

10th Run 3 pair. clean & put up stairs $287 = \frac{1}{2}$ lb earthen jars

12th Change in the ^{ministry of here 2nd Order} Elders & Deacons's order. Refer to the 15th

11th Run 3 pair. unpack 2 oz glass to clean & store away
We enjoy splendid weather & the snow is bidding us a hasty
farewell. The birds apparently enjoy good health!!

13th Put up 40 lbs for Ober in $\frac{1}{2}$ of Seneca & 6 Ergot in $\frac{1}{4}$ s

Remainder of former orders not filled before. Draw off 19
lbs from Buckie & replace it with 21 lbs.

14th Run 3 pair. pref's Roemlock $6\frac{1}{2}$ from 106 & 40 lbs root

April = 1863

14th Prep Poplar Bark $7\frac{1}{4}$ C from 12 C & 55 lbs bark. Prep
Yarrow 8 gallons from 12 C & 34 lbs herb. Add 6 gallons to
Seneca after drawing off $5\frac{1}{2}$ C to fill orders, put 25 gallons to
94 lbs Valerian Root.

15th Get 12 planks planed for shelves to put fluids on in the north
room. Clean off Boiler shed & blow off the boiler. Sister Emily
Wilkinson moves into the family from the 1st Order to live with
Elders Abigail Grosman. Rhoda ^{Blakey} returns to the Deaconess's order &
Margaret Lyall takes the tailoring at the sewing room. See the 12^{inst}.

16th Scrape out the Boiler with a scraper from the hand hole.

Repack it & fill the Boiler with water. Draw home planks
for shelves from machine shop. Get cord wood into the Woodhouse

17th Run 3 pair. Grind some horse radish for North Family.

Distill some liquor from Hemlock & poplar mashes but the spirit
was too weak to ~~take~~, Edmund Valliant puts up shelves

for us in the north store room & Emanuel arranges the⁵⁵
fluids on them. put up an order for Auburn N.Y.

18th Edmund putting up shelves in north & south store rooms.

put up an order & otherwise fussing around.

19th Pleasant day. meeting as usual. Thermometer 63° above zero

20th Windy from S.E. Reception of J.A. carpenter. false alarm of
fire at South Family. Alonzo has been to work at the wood for
2 weeks past & getting in cord wood.

21st Finish getting in cord wood. & there is about 20 cord of this years
green wood in all. Recieve an order for 405 lbs of fluid left in 1/2
& 20 in 1/4 lb bottles. from Ober & Co, Baltimore. work on it some.

Unpack 8 gross 1/2 lb bottles.

22nd Sisters wash the bottles. Run 3 pair of chasers & prefs Seneca
15 gallons. ^{20 1/2 in all} & add 20 gallons to it again. Put 24 gallons to 77 lbs
Pale bark. Prefs angelica 11 1/2 gallons. return it to 20 lbs
new root. Putting up Ober's Order. Alonzo works here today.

April

1863

- 23rd Putting up Ober's order. Along to the wood again. Secession of 2
copperheads viz David Lyall & Samuel Shields. Proverbs XVI = ^{25th}verse
Very pleasant weather this season. Farmers getting in Oats Barley &c
Have made 6 gallons of Ergot from 35 lbs ~~and~~ by percolation
- 24th Along to help Jos Adams grind Colchicum seed in 2nd family's mill.
Putting up Ober's & Burnham's orders, colder to-day. Getting ^{Boils} onions
Put gallons to 95 lbs gentian. Add 2 gallons to Columbus. see Apr 4th
- 25th Along again to the 2nd family. Run 3 pairs & finish the
sculcap. Prep Wintergreen $7\frac{1}{2}$ gallons. from 12 gallons & 42 lbs leaf
prep Bitter root $15\frac{1}{2}$ gallons from 24 gallons & 91 lbs root. put
the mash to soak in water. We have about 45 tons of coal
lying in a heap south of the boiler shed which the teamsters
have drawn since last fall, cold day wind N.W.
- 27th Receive 5 gallons of Machine oil & $\frac{1}{2}$ doz 5 gal $\frac{1}{2}$ doz 5 gal &
 $\frac{1}{2}$ doz 4 gallon tins cans for fluids. Draw off mandrake & add

15 gallons to it again. Boil & Reduce Hydrogenae to 35 on acidometer ⁵⁷ as it commenced to work. Putting up an order, Make 7 or 8 gal's of Cinchona comp. Have made 11 gallons of fluid Colchic rad from 53 lbs root. Alongo is unwell to day & keeps housed.

28th Alongo to the wood again. Putting up orders. get the colchicum seed from Joseph Adams & there is ~~36 1/2 lbs~~ 42 lbs ground finish the wood at the mill. there is a year's stock there.

29th Alongo helping clean Gilder's orchard. Clean up 414 lbs Scullcap from big chasers. Put up 2 orders. Splendid day &c etc &c etc.

30th Yesterday Gilder borrowed 41 gallons of alcohol ^{returned in Sept}. Keep 1/2 day ^{Finish the wood} in fasting & prayer day as appointed by the president of United States make 11 gallons of Ergot from 55 lbs Ergot by percolation. all counted in

Summary for April

fluids

5 Wars Rio 22 gal's
 Bleavers 8 ..
 Pinkat 7 ..
 Buchu 19 ..
 Hemlock 6 1/2 ..

Poplar 7 1/4 gal's
 Oyarrow 8 ..
 Seneca 20 1/2 ..
 Ergot 11 ..
 Wintergreen 7 1/2 ..

Bitter at 15 1/2 ..
 Colchic rad 11 gal's
 Powders
 Crawley 68 lbs
 Bayberry 207 ..
 Scullcap 414.

Receive

1/2 doz 6 gal 1/2 doz
 5 gal 1/2 doz 4 gallons
 tin cans.
 287 1/2 lbs earthen jars
 5 gal machine oil

May 1863

1st Prefz Seneca 19 1/4 gallons & return it to 74 lbs fresh root. Prefz Buchu 26 gallons, return it to 48 lbs fresh leaf & add 6 gallons new liquor. Run 2 pair of chasers. A to work in Orchard

2nd A to work in the Orchard, cleaning it. Run 2 pair chasers.

Prefz Brava 5 1/2 gallons. Prefz Bonaset 10 1/4 gallons return it to the top herb in the barrel add 2 gallons fresh spirit.

Receive from Norton in Bennington Vermont

1 doz 2 gallon jugs. minus | 2 doz 1 gallon pots

1 .. 3 | 2 .. 1/2

1 .. 4 | 1 .. 2

1 .. 5 | 1 .. 4

1/2 doz 6 gallon pots

Clean them & put up stairs. grind Valerian root for fluid

4th Clean & put away 284 1/4 lb jars earthen & 1098.2 oz glass jars

2 boys help; Draw off 11 gallons from Valerian & replace it with 10 gallons fresh spirit - Add 4 gallons to Yellow dock. Rainy

Alonzo has a sore hand. works in his vineyard, some

5th Run 2 pair of chasers. Alonzo has a bad hand but he works here to⁵⁹
day after working out 21 days at the wood, cleaning &c, I distill the
liquor from mandrake & return it to the root 9 gallons
book the residue down for podophylline. look below *

6th Nancy & Sarah washing pots & cleaning in north store
room bdd rainy weather, attended with some hail

7th Sisters in north room cleaning pots shelves &c finish

8th General cleaning in the house today. The sisters
make the house look quite nice & clean. thanks to them all

5th * Prep yellow dock 14 gals after adding 4 gals yesterday See Apr 4th

do Motherwort 9 1/2 gals return to 26 lbs new herb

do Colombo 9 1/2 gallons See Apr 4th Have made 9 gals

of Colchicum seed from 42 1/2 lbs ground by percolation.

9th Whitewashing in places below. cleaning the engine, flues &c.
& otherwise choring in the house. Draw off 6 3/4 gals from
Seneca & add 12 gallons more to the root

6th - Philimon S. returns from Poland, Maine.

May continued

11th Mond. Withdraw liquor from Mandrake & evaporate to thick syrup - Obtain 23 gal. Spirit 57°. (Have used 37th day)
Return a portion ^(12th 57°) of the liquor after distilling to 30° above Proof.
Put 4 gal 86° p.c. to 29 lbs. Speace, Grind Benzoin 85 lbs
Grind Speace 8c. Put 51 lbs of Gunjah in the still & put Alcohol 24 gals. thereto — heat it up.

12th Tues. Make 2 gal. Opium fluid. Set up cutting Machine

13th Wed. Withdraw liquor from Mandrake. Evaporate & cover with proof spirit.

Ignatia Bean After steaming it in the chest, we mash it in the pug mill. Dry it & mash it again 19^{lbs}.
Percolate with strong Alcohol. Soften it. 2 3/4 gal. fluid
Add hot water to soften. Put in 2, 6 gal. pots & add at different times from 6 to 8 gal. strong Alcohol stirring it in. Let it settle, pour off & press. Evaporate liquor to about 2^{1/2} lbs solid
etc.

14th Thurs. Withdraw liquor from Mand. evaporate, & again ⁶¹
cover with proof spirit. Withdraw liquor from Gunjah
& cover 2nd time with strong Alcohol about 15 gal. heat up.
Put Mand. aft. all but first batch & part of that, in a barrel & add
hot water & leave to settle. Chase with 2 pr. Grind Hellebore W.
& Sarcoca for fluid. On 13th. Pressed Angelica root 9 1/2 gals. from
60 lbs. & 16 gals. Draw off & press Valerian 19 gals. as it is 2nd
liquor we return it to 99 lbs. New root. ground.

15th Frid. Take up As. Puls. Bayberry & the Powd. Pleurisy
& various other chores. On the 11th withdraw 11 gals. fluid aft. from
Pale Bark & replace with 12 gals. fresh liquor.

16th Sat. Boys move away from here to sleep elsewhere - this
room having been occupied for a bed room about 2 1/2 years. Chase
& evaporate Mandrake. Have lost as near as I can judge, about
16 or 17 gals. Alcohol in the operation upon 165 lbs. root. Podophylline ⁶²
Withdraw liquor from Gunjah & cover 3rd time. Strong Alco. 16 gals.

May continued

Evaporate & save between 4 & 5 gals. Proof Spirit from Valerian water
Press White wood bark 1 1/2 gal. from 7 gals & 26 lbs. pine bark.
Put 16 gals. Proof Spirit to 60 lbs. Prickley Ash bark. ground.
Also 22 gals 80 pr. cent. to 66 lbs. W. Kellebore ground.

18th Mond. & Tues. A. absent 2 days on account of sore eyes.

Press Boneset 11 3/4 gal from 65 lbs & 22 gals. Press

Mohere wort 7 gals from 18 lbs & 12 gals. Chase
with two pr. 1 on Bayberry & 1 on Flewiny

19th Tues. Press Centian 18 gals from 95 lbs. & 27 gals.

Withdraw liquor from Gunjah & add the 16th ~~14~~ ¹⁴ gals. strong

Chase as yesterday. Draw 23 gals. fluid from Buckw.

Return 24 gals. fresh liquor to leaf.

20th Chase as before. Put 24 gals strong Alco. to 150 lbs.

Mandrake.

21st. Valerian draw off 5 gals. fluid & return 12 gals. Mand.
liquor 60 pr. cent

Take up 568 lbs. Powd. Bayberry & 209 Powd. Fleury ⁶³

Dr. Skelton has ordered 20 bbls. of Bayberry this time.

Take Gunjah out of still with 17 or 18 gals liquor. Return the liquor to the remainder of the Gunjah 31 lbs.

22nd Frid. Chase with 2 pr. Put 14 1/2 lbs. Hoops inferior quality in the chest & steep. Heat Gunjah. Dissolve all the Podophilline from 165 lbs. Mand. in 3 gals warm Alcohol. Pour 1 gal into a bbl. of cold water, stirring & add 1/2 lb. Alum dissolved in water, also stirring. Sisters preparing to color in the Dye

23rd Sat. Chase & boil hoop liquor. Evaporate water that has been put thro Gunjah & obtain about 3 gals. Proof Spirit.

E. Sprains his ankle badly. Put 12 gal. fresh Spirit to Gunjah

25th Mond Press Hoops 1 1/2 curbs & boil liquor. Commenced evaporating Gunjah tincture. E. Confined, Chase 2 pr.

26th Tues. Receive & cook a chest of Sandelions vefingly dirty.

6 wheelbarrow loads of dirt shaken out of a two horse load of Sandelions
From the Brook Place are let !!!!!

May Continued

26 Tues. Receive an order from T. Sch. & Co. for 5 1/2 lbs., each Conium & Henbane in 1 g. Put up 4 lbs Chase.

27th Wed. Press 6 curbs Dandelions & refill chest. Cant. evap. Hops in the pan they foam so. Put in little kettle. Emars. Finishes putting up the order above mentioned & also another of 15^{lb} in earthen. Yesterday finish evaporating Lunjah 11 lbs hard est. Cannabis from 32 lbs herb & 93 gals. strong Alcohol recover about 80 gals. Alcohol — Chase as usual.

28th Thurs. Press 5 curbs Dandelions & fill again. Evap. & Chase

29th Frid. Press 6 curbs (Total 17 curbs green Dandelions) & fill chest with or put in about 5 barrels blow dirt. Draw water in & heat. Finish Hops in pan 21 lbs solid est. from 16 1/2 lbs hops, inferior sort.

30 Sat. Evaporate & chase. Heat up chest. &c. Grind G. Dock

Summary to May

Receive Pots & Jugs for an account of which see May 2nd
28 1/4 quarter lbs. Earthen 1098 2 3/4 glass.

Fluid exts,	Colchici Sem 9 gal.	Boneset 12 gal.	Powders ⁶⁵
Brava 5 1/2 gal	Opium 2 "	Motherwort 7 "	508 Bayberry
Valerian 16 "	Ignatia bean 2 3/4 "	Gentian 18 "	209 Fleurisy
Y. Sock 14 "	Angelia 9 1/2 "	Hard Efts.	
Columbo 9 1/2 "	Pale bark 11 "	11 lbs. Cannabis	
Senecca 6 3/4 "	Whitewood 1 1/2 "	2 1/2 " Ignatia	21 lbs Hop.

JUNE 1863

- 1st Mond. Chase. Press & evaporate Sandelion
- 2nd Tues. Do. Evaporate Sandelion 190 lbs aft from
 17 curls of green Sandelions or 3 two horse loads 132 " " "
 8 " blow dirt & splannings of the root total 322 lbs.
- 3rd Wed. Put 92 B ⁺⁷⁻²⁵ gal. Proof to 92 lbs. Yellow Sock. Sisters
 wash bottles. A. works on the road.
- 6th Sat. This week A. works 2 days on the road & 1 at the
 North Family, assisting to put on their new roof. Sisters wash

June Continued

10 gross $\frac{1}{2}$ lb. bottled & 3 gross 1 lb. do. Also have a new pulley put on the east end of the press pulley, ^{below} 2 in less in diam than the old one (worn out) & turn down the pulley that gives the return motion to the press, so as to correspond. This will run it up considerably faster.

8th Mond Em. at the stone mill ~~to~~ assist in starting the steam works there. Chase with 3 pair. Draw off & evaporate Mandrake liquor. Return it to the root about 50° above proof. with $2\frac{1}{2}$ gal. fresh Alc. = $22\frac{1}{2}$ in the whole used
Still stops &c:

9th. Chase with 3 pr. Grind 2 bbls. Yellow Dock coarsely.

Press Valerian 20 gal. + 5 + 11 = 36 + 6 = 42 gal from 193 lbs.

& 53 gals. Spirit. Press Pale bark 14 gal. + 11 $\frac{1}{2}$ = 25 $\frac{1}{2}$ + 10 $\frac{1}{2}$

4th Wed 36 gal. fluid ext^r Cinchona Pale. 10 $\frac{1}{2}$ being taken from the balsam.

& macerated with the Pale to change & strengthen it.

10th Wed. Chase with 3 pr. Pulverize Colchicum seed in the

crushing mill. Let thro' about 40 lbs. Press Bucke & return 28 gals.⁷

liquor to 52 lbs. fresh leaf also add 6 gals fresh Spirit = 3 1/4.

11th. Emanuel at the Stone mill. A. troubled again with sore eyes - poisoned

12th Frid. Finish grinding Cochici, sem. Chase with 3 p.

Have made 6 gals. fluid Speac from 29 lbs Root by percolation.

Put 22 gals. Spirit 90 per cent. from distillation of Junjah to 150 lbs. Yellow

Loch for hard aft. 20 gals. to 103 lbs. Pale Bark. Yesterday

put Cicuta branches to soak. Press Prickley Ash bark 9 1/2

add 4 1/2 gals & return it to 39 lbs. fresh bark = 20 gal to 99 lbs. bark. the

bark being the bran of some that has been pulverized & of course cannot
be as strong as whole bark. Put 20 gal. to 90 lbs. Cubers

13th Sat. Put up & seal 92 lbs. fluid Cubers root in 1/2 lb. bottles.

15th Mond. Draw off & evaporate Mand. liquor & return it at

Prof. Chase with 3 pair. Tues. walk out & view the gardens.

17th Wed. Chase. Press Butternut brk for Sisters. Distill liquor from

Mand. Obtain 19 gal. 3 1/2° out of 22 1/4 strong alco. used on 150 lbs. Root.

June Continued

Receive several orders. One for 20 gal. (245^{lbs}) Com. ext
Sand, & one for 700^{lbs} fluids in 1/2^{rs}.

18 & 19th. Thurs & Frid. Putting up orders. Put 10 gal. Proof Spirit
to 30^{lbs} Pink root.

20th Sat. Chase. Grind 2 lbs. Cherry bark. Press Seneca Snake
root 16 gal. add 4 gallons fresh spirit & return to 99^{lbs} fresh
root. Make 8 gal. fluid Acetate from 11^{lbs} E.P.

22nd Mond. Putting up fluid etc.

23rd Tues. " " & Chase. Company of Visitors here
from Canterbury. Am. absent from here. Press Veratrum
17 gal. from 22 gal. 866^{lbs}. Put 2 1/2 gal. Proof to
100^{lbs} Cherry bark on the 20th. Receive 1st load of Cicuta

24th Wed. Grind & press Cicuta 5 curbs, & steam in chest.
Finish Ober's order furnish all but 50^{lbs}. Spread
20^{lbs} Pink,

25th Thurs. Press Cicuta 3 curbs & evaporate Receive 2 loads

26th Frid. Grind 10 curbs. Obtain over 3 bbls. juice. Wash out
the troughs, ~~then~~ haul them into the orchard, & distribute the liquor

Receive 11 gal. jug 2 doz 3 do 2 doz. 2 do 1 doz 1 do 1/2 doz. 3 gal.

preserve jars & 1/2 doz. 2 gal. do. Sisters commenced picking the roses

27th Sat. Empty chest 7 curbs. & evaporate. Draw 46 lbs. best apt.

Cicuta being all that was obtained from the first load, as both liquors were
evaporated in the pan together. This week E. the Frenchman repairs

the Cicuta draws 3 of them. With William's aid we discovered the cause

of the thumping in the engine, to be the rocking of the lower half of the

box, under the wrist by the crank. William also determines the west end

of the shaft to be 1/8 of an inch too low, which is evident from the wear of

the box. He succeeds with our assistance in remedying both defects.

We have endured the thumping for several years without being able heretofore,

to discover the cause, therefore I deemed it worthy of record.

This week mond. it is decided to have our new house stand where the

22nd of June 1863. Ed one now does.

June continued

29th Mond. Grind & press 4 1/2 curbs Cicuta. 1 bbl. of juice spread in the orchard, in all 2 bbls. & 10 gals. Emanuel draws a stone ⁱⁿ Pick. for a door step west side of the house.

30th Tues Empty chest 2 curbs & evaporate. Grind & press 7 1/2 curbs. Andrew's load from Sandlake. Draw a batch of Common Cicuta 9 1/2 lbs. E. takes up 2 bbls. = 246 lbs. Pod. Pleurisy root. N. R. moves into our family to take care of the girls

Summary
Com. Dandelion 329 lbs
Liquid extracts

42 Valerian	} Powders
36 Cinchona pale	
6 Speca	
8 Aconite	
17 Valerian eratum	} 246 th Pleurisy root

Receive 544, 1/4 lb. white jars
Receive 1400 bottles 1/2 lb
700 " 1"

An order of jars see
26 lbs

Cicuta best 45 lbs
" Common 9 1/2 lbs.

July

- 1st. Wed. Empty chest. & Evaporate. Grind 6 $\frac{1}{2}$ curbs & put in chest. Draw 65 lbs. best Conium from Sand Lake load. Thin 2nd skins. Grind & press 7 $\frac{1}{2}$ curbs Cicuta. Also empty chest & evaporate. Put 24 gals. to 70 lbs. Senna
- 3rd Frid. Continue evaporation. Empty chest, &c.
- 4th Sat. Put up 20 lbs. Speac & 30 Pink ~~supplementary~~ to Obers order. Yesterday pressed Pink root 8 gals from 10 g. & 30 lbs
- Draw 58 lbs Best Cicuta & 48 lbs. Cicuta Common ^{Best}
- 5th Mond. Receive a load of Motherwort, cut it up & cook.
- 7th Tues. Press Motherwort, 4 curbs & evaporate.
- 8th Grind & press between 4 & 5 curbs of Henbane from Elisha's patch - all there is. Draw Motherwort sp. 28 $\frac{1}{2}$ lbs.
- Tues. Draw 24 gals. fluid Ruchu & return 24 gals Fresh liquor.

July continued

17th Thurs. Continue evaporating, chase put up extracts &c.

10th Frids. Draw 50 lbs Kenbane aft. best. All there is

Draw 8 gals. fluid from Pale bark & return 10 fresh liquor

11th Sat. Put 8 gals to 20 lbs Rhei. Press Seneca 10 gals. Return
the root to the barrell with 20 gals. fresh liquor.

Press Yellow Dock 16 gals. from 92 lbs. & 25 gals.

Draw off Yellow Dock for solid & percolate with hot water; Evaporate, chase &c. Press P. Ash 11 gals. from 21 gals & 99 lbs. tailings of
Chalk

13th Putting up apts. choring &c. James G. & Sid Rouse go after Cicuta

14th Tues. Chase & Grind Y. Finish Yellow Dock 28 lbs. solid from 150 lbs. root.

Recover 20 gals. Proof Spirit & 9 gals. 22° above Proof from
22 gals. used.

15th Wed. Grind & press 13 curbs Cicuta. Cook &c. put

1/2 bbls juice = 5/2 in all, out in the orchard to dry

16th Thurs. Grind & press 3 more curbs Cicuta & put on

Composts Empty chest & evaporate; Chase. Sc.
17th Frid. Grind & press 5 curbs Valerian & cook. Finish

Cicuta 47 lbs. ~~Set~~ 30" Common Total Cicuta 215^{lbs} best
from about 10 good loads of Cicuta, besides sundried 172" Com
not yet made. Put 24 gals. Spirit to 10¹/₂ lbs Valerian
root. Also 5 gals. to 30 lbs. Specae

18 Sat. Put 24 gals. to 90 lbs Stillingia. Have made
9 gals fluid Colchi. sem. from 42 lbs. sem & 15 gals. fluid
Cubebes from 69 lbs. cubebes. by percolation. Press &
evaporate Valerian 33 lbs 1st quality.

20 Mon Alongo helps the brethren at the hay. On grinds in
the safety valve on the boiler. packs the engine & shortens belts, &c

21st Tues Chase with 3 pair. rainy from N.E., greatest rain since 59
Take out 4 gals of 1 lb & 6 gals of 1/2 lb bottles for washing

22nd Wed. Chase with 3 pair. break & staves on the big curve to
big chases. Sisters wash the 1 lb bottles. Brian repairs the old

July 1863

worm for distilling rose water &c. poor concern
23rd Thurs. Put up 3 orders of about 200 lbs bulk & 10 in packages
mend the big cove. Sisters distill 20 gallons of peach water

clean up 380 lbs of Pleurisy root from big chasers
24th Frid Rainy. Chase with 3 pair. Sisters distill 22 gallons
of rose water. Prep Wild Cherry 21/2 gallons after adding 6
gallons to it making 30 gals in all to 100 lbs bark Prep Buche
33 1/2 gals after adding 3 gals partly fluid Ext. A at the day

25th Sat Chase with 3 pair. Rainy. Along at the hay

27th Mon clean up 578 lbs of Bayberry. Rain from 4th till 8 P.M.

28th Tues Chase with 3 pair. Try to grind Wild Yam, but no go.

Prep Culvers root 22 gallons after adding 1/2 gal while in the barrel

put 24 gals to 85 lbs gentian put 10 gals to 30 lbs Wild Yam

put 10 gals to 30 lovage root

29th Wed Chase with 3 pair. Rainy from S.C. Prep Pale bark 14 1/2
gallons after adding 1 gal. of spirit

July 1863 Coena Bishopi from the north here to live⁷⁵

30 Shure have made 7 gallons of fluid Specac from 30 lbs root by percolation
 just 10 gals (prof spirit) to 30 lbs Johnson's. Turner cut the body.

31st Frid Raining all day Chase to day & yesterday with 3 pair

Summary for July

gallons Fluids
 8 pink root

Keyleare 50
Solids lbs 170

Have received

57 1/2 Buchu

Bonium best ~~170~~

8 gross of 1 lbs bottles

22 1/2 Cinchona pale

common ~~84~~

6 1/2

10 Seneca

Motherwort 28 1/2

3 1/4

16 1/2 Yellow Dock

Yellow Dock 28

~~16 1/2~~ 5

11 Prickly Ash

Valerian 33

43 lbs of Turmeric for fluid

9 Gallicum Lem

Powders lbs

30 Tongva bean

15 Cubebs

Pleurisy 380

20 Black Pepper

24 1/2 Wild Cherry

Bayberry 578

22 Culvers root

Distilled Waters

7 Specac

Beach 26 gallons

Rose 22 gallons

August. 1863

1st Sat put 2 gallons of Black Pepper (20 lbs) preparatory to percolation ^{95 alcohol}

Chase with 3 pair. Rainy most all day.

3rd Mon Awful hot. up to 100° in the shade. Chase with 3 pair.

Elder Abram Perkins & Bro David Parker here. from Canterbury N.H.

Turn out in the P.M. & help about the barley. draw in & unload.

4th Tues Put up an order of 150 lbs for N.Y. & help about unloading barley

5th Wed. Sisters wash 16 doz 3 lbs bottles. wipe out 200 lbs jars & help at the hay

6th Thurs Rainy. Have made 5 gallons of Black pepper from 20 lbs & ^{by percolation} 7 gallons of 95 alcohol. & at the hay.

7th Frid draw off 9 gallons from Valerian & return 10 gals fresh & at hay

8th Sat Chase with 3 pair. Rainy all day

10th Mon Chase with 3 pair. Had a great rain yesterday which resulted in a flood. not much damage done here. but the roads are said to be impassable. between here & Pittsfield. via Hancock several bridges gone &c. Nelson Banks' garden is washed badly

11 Tues Distill Wormwood in the north room,

77

12th Wed

13 Thurs ----- make 5 gallons of

Summeric from 20 lbs & 7 gals spirit

14 Frid distill. I help at the hay. the Summeric from Borington here.

15 Sat distill I help at the hay & finish haying. Make ~~3 1/2~~ ^{3 1/2} gals
of Saffron (Carthamus) from 10 lbs of Saffron

18th Tues. Receive 2 loads Stramonium. I fill the still

19th Wed. Grind & press Stram. 9 curles. Cook, chase &c

20th Thurs. Evaporate Stram. empty chest, chase &c.

21st Frid. Press Wild Gass 7 gal. from 30^{lbs} & 10 gal. Prop.

Louage 8 gal. fluid from 30^{lbs} & 10 gal. Press Rhei

5 1/2 gal. fluid from 9 gal & 20^{lbs}. Chase &c. Emanuel

helps 1st Order hay it, a little while in the A. M. they finish

22nd Sat Choring, distilling &c. Have run the still 5 days this
week. Sisters tend fire while we ^{are} grinding Stram. i.e. Wed.

August Continued

24th Mond. Choring. Taking up Fleurisy

25th Tues. Finish Evaporating Stramonium 91 lbs. Best

Emanuel prepares some paint for the roof of the Blacksmith's shop.

26th Put 9 gal. a w to 25 lbs. Liquorice root. P. M.

Emanuel helps James in Blacksmith's shop.

27th Thurs. E. goes after a load of lime. Frid. Paints roof of shop

Put 1 gal. 1 part w 3 a to 4 lbs. Skanna for Comp. Pinks

28th Em: Painting. Distilling.

29th Em: Runs the machinery

Press Valerian 19 gal. + 9 = 28 fluid from 104 lbs. & 3 1/2 gal

" Johnsewort 7 1/2 gal. from 30 lbs. & 10 gal.

Wash 30 lbs. Tongue in pug mill & riddle, regrinding

the coarse. Put 30 gal. to 100 lbs. Valerian. Also put

15 gal. to 30 Guassia. Also 80 gal. to 23 lbs Wormseed

Also Pink root

Summary for Aug.

Gleedpts.

Powders 180 lbs. Sturisy

Black Pepper 5 gal. } Lovage 8 gal.

91 lbs. Best ext Stramonium ~~100~~

Turmeric 5 " } Rhei 5 1/2 "

Receive

Saffron 3 1/2 " } Valerian 28 "

16 doz. 5^{lb} bottles of 200 one

Wild Cam 7 " } Johnswot 7 1/2 "

pound white jars.

September

1st Tues. David Clary comes over to see about the knocking in the engine. Thinks it is caused by the piston striking the head.

Recommends us to lengthen the connection by a shim placed between the end thereof & the box & try it again. Shows us to determine whether the piston strikes the head, ^{by exactly} marking the ~~exact~~ ^{extremes} limits of the movement of the cross head, each way, thro' an entire revolution of the crank, & then

~~omitted~~ ^{disconnecting} it from the crank & trying if we can move it beyond the mark* at either end with a lever or other contrivance.

September continued

If at ~~one~~ end we cannot, we may be pretty sure that end strikes. As the ^{holes in the} connection are continually ~~shortening~~ ^{loosening} by wear & the slack is ^{all} taken up on the inside. i.e. between the centers, therefore the piston is more liable to strike the inside piston head.

2nd Wed. Robert goes to Albany with a couple of sisters. Corn. painting wash house roof. Dissolve 10 lbs. of Belladonna Com.

in 1 gal. hot water. Add 2 gal. Alcohol. Strain out a gallon & add 2 gal. 1 gal. of water stirring & 1 gal. Alcohol & allow it to settle. strain 1/2 gal. more &c. So far on the way towards a fluid ext.

I commenced an experiment sometime ago that I did not record, so I have to do it over. The Corn. Belladonna is $\frac{2}{3}$ albumen, gluten & vegetable fiber & only $\frac{1}{3}$ pure ext. which is not enough to keep. (See experiment Nov. 1st 1862) I think however I can make a fluid from it that will give satisfaction, by using alcohol sufficient. I can warrant it to kill all the wild animals that will take enough of it, at any rate I would not have its therapeutic

powers tested on me. Percolated & add water to make 4 gal. from 10 lbs ⁸¹
3rd 4th & 5th Sat. Eman. has been out to work 9 days since 25th Aug.

Put 3 gals 8 p. a. & 1 p. w. to 30 lbs. Tongva

Thurs. Fri. & Sat. Em. Painting. A Distilling.

7th Mond. Emanuel assists in pulling up orders. Distill one
kettle P. M.

8th Tues. E. Putting up orders. Distill two kettles of Wormwood

9th Wed. E. helps saw wood at stone mill. Distill one kettle

10th Thurs. Distill two kettles. E. Putting up orders. The pipes
leak so as to flood the boiler when we are not running & in our efforts
to discover the cause we spoil the coupling in the feed pipe at east
end of the boiler. I have to send for another

11th Frid. E. Finishes painting wash house roof & P. M. goes to the
depot with Dwight. Finish distilling wormwood. Having
omitted running only 3 days since we commenced & having also on
three days, done 2 kettles each = 28 kettles omitting 4 for sabbaths
obtaining 16 lbs. Oil estimated. 12th Sat. Various chores. R. Clark here

September. Continued

14th Mond. Chase. Put up orders - work upon big chasers.

Press Senna 15 gal. & add ²⁰ fresh liquor to leaf. From 24 gal
& 70 lbs. Press Stillingia 23 gal from 28 gal. & 90 lbs

Add 3 gal to Gentian & press 18 1/2 gal fluid from 27 gal & 85 lbs.

15th Tues. Repairing Machinery choring &c. Em. Draws Dandelions

16th Wed. Cook Dandelions. ^{See Oct. 6} Elder Daniel C. has brought
us 200 lbs. Sweet Corn stalks ~~with leaf~~ deprived of leaves, &
& today Emanuel Grinds, presses & evaporates ~~them~~ juice
200 lbs stalk made 2 1/2 gallons juice. Put in 3 table spoons
full of milk of lime, thick as curdled milk & raise to boiling
point in the open air. Skim off one gallon & evaporate in the
pan to 23 lbs, which is a sweet & sour Candy not very
pleasant. Clean the stones by running them for about
10 minutes on fresh mown grass & then grinding to a
complete mush 1 bushel of apples. Endfield visitors
here from Conis. P. No. A taken up with them.

Thurs. Frid. & Sat. Chase, put up orders, attend to visitors
 &c. Start big chasers on Bayberry.

17th Thurs. Press Liguorice Percolate with hot water, evaporate &
 mix with expressed liquor making 8 gal. fluid from 23 lbs. &
 9 gal. of which 3 only were Spirit. Chase, & piece the platform
 east side & grind Indigo for Sisters.

18th Fri. Make 152 lbs. Stramonium Oint. This with three pots,
 or nearly 100 lbs of last years on hand, we think will be sufficient.
 We leave out the rosin & beeswax & put in 10 lbs Bayberry wax to
 100 lbs. lard instead. Use up all our lard. Chase &c.

19th Sat. Chase. Start the big pair on Bayberry. Put up orders, & other
 chores. Commenced making some more fluid Belladonna from
 the Corn. aft.

21st Mond. Choring & putting up orders, taking out bottles &c. &c.

P. M. Gather a peck of Buckthorn berries in hedge garden.

22nd Putting up aft, washing bottles &c. 4 gross pint 2 gross
1/2 pint. Chase & press Wormseed 9 gal. ^{fluid} from 10 gal & 23 lbs.

September Continued

19th. Put 8 gal. to 20 lbs Hyssop. 10 gal to 30 lbs Hops

20 gal. to 10 lbs Black Cohosh coarseground 20 gal. to 60 lbs

Sarsaparilla. 22nd Press Wormseed 1 gal. fluid, see Aug. 29th

23rd Wed. Heavy frost. Em. sawing wood at stone mill

Unpack bottles & other chores. P. M. E helps harvest the beans

24th Thurs. Em. finishes painting blacksmith's roof.

Sisters washing bottles.

25th Frid. Sisters washing bottles

26th Sat. Finish washing bottles. 5 gross of lbs. (see 22nd) 10 gross

$\frac{1}{2}$ pint 9 gross $\frac{1}{2}$ g. $\frac{1}{4}$ doz. $\frac{1}{2}$ gal. I should think we had
now on hand. 20 gross $\frac{1}{2}$ pint 14 gross $\frac{1}{2}$ g. 12 gross 1 pint $\frac{1}{2}$ g.

gross $\frac{1}{2}$ gal. Run the machinery. Sisters clean up the 2
upper lights of the building. $\frac{1}{4}$ gross of $\frac{1}{2}$ pint bottles in the big box up

stairs. Finish percolating Belladonna. 4 gal. fluid from 10 lbs. aft.

Using 3 gal. Alcohol & $\frac{3}{4}$ of water.

28th Mond. Chase with 3 pair. E. m. digs up the drain west ⁸⁵
side of the house, & cleans it out. Completely choked with
gravel & stinking sediment. Weather fine.

29th. Tues. E. wipes out 288 $\frac{1}{2}$ lb jars. A. picking apples. P. M.
walk down to the Pierce place to see the garden & beans
about the Sandelions, how many & when to come d.c. &

Experiment Fluid ext. Buckthorn. We collect
15^{lbs}. berries squeeze out about 6 $\frac{1}{2}$ pints juice, having mashed
them previously. Let stand 3 days & strain. Add 2 fl. oz.
fluid ext Sassa. Grind 2 $\frac{1}{2}$ Allspice - percolate with 6 $\frac{1}{2}$ gal. Alcohol
& 2 $\frac{1}{2}$ gal. water & mix = about 8 $\frac{1}{2}$ gal. Alcohol in 7 pints. The resulting
liquid is awful! ^{This Buckthorn worked & broke the bottle containing it.} to take. Dose 8th part of a minim to be repeated
so soon as the patient forgets the taste.

Broken bottles 30 pint 40 $\frac{1}{2}$ pint
2 half gall. & 20 $\frac{1}{2}$ pint

Summary for Sept.

Fluid ext. { 18 $\frac{1}{2}$ Sautian
9 gal. Belladonna { 8 gal Sassafrice
15 " Senna { 9 " Wormseed

Distilled 16^{lbs}. Oil Wormwood.

Make 162^{lbs} Pint. Stramonium

Wash 9 gross pint bottles $\frac{1}{4}$ gross $\frac{1}{2}$ pint
9 gross $\frac{1}{4}$ " wipe 288 half pound
white jars. 4 doz. $\frac{1}{2}$ gal. bottles

October 1853

- 1st. Thurs. E. helps Robert yesterday, today & tomorrow, drawing sand, stone & picking apples &c. S. picking apples in the P.M. of yesterday & today. Two A.M.'s choring & putting up orders.
- 2nd Fri. Commence Dandelions, Run 2 pr. chasers & press Pink root 6 gal. from 20 lbs. & 8 gal. Press Quassia 9 gal. & return it to the barrel, with 8 gal. press liquor. Receive 1 load Sand. tops 1 load yesterday
- 3rd Sat. Press 7 curbs Dandelions & evaporate below. Receive 3rd load Dandelions & cook
- 5th Mond. Draw 58 lbs Com. ext Dandelion made from 1 chest of 7 curbs. Press 5 curbs & cook another load. Chase &c.
- 6th Tues. Press 3 1/2 curbs. Add to yesterday's liquor, the concentrated liquor of Sept. 16 & evaporate. Draw 90 lbs Ext. Com. Dandelion

7th Wed. Press Keysoff 6 gal. from 20 lbs & 8 gal. Press⁸⁷
1/2 cubs of Dandelions. Along picking apples. Send off
3 five gal. kegs Com. ept. Dandelion to McHesson & Robbins &
1 ten " " " " " " to Schieffelin. Receive no Dand.
8th Thurs. Receive last load of Dand. & cook. In all 6 loads
all tops. Rains some. A. Picks apples part of the time & ^{picks out} packs
over 500 lbs. pressed herbs in tin, at the herb shop.

9th Frid. Press Dandelions & draw 80 lbs. Com. ept. Dand.
A. picking apples part of the time. Press Senna 19 gals
return it to 50 lbs. fresh leaf. Draw off Hoop liquor & return
it to the tops.

10th Sat. Draw 50 lbs. Com ept. Dand. Total 27 lbs all
but one load from the tops

12th Take up Powd. Bayberry 1031 lbs.

Press Senna 21 gal. fluid see July 11. Put 1/2 gals. to 1/2 lbs.

Pink & Senna. Along picking apples 4 days this week
& Em. 1/2 day.

October Continued

17th Press Quassia $7\frac{1}{2}$ gal. + ^{press 6 gals} 9 = $16\frac{1}{2}$ gal. from 23 in gal. & 30 lbs

19th Mond. Em. & A. K. at Home odds & ends. &c.

20th Tues. Em. Drawing stone for foundation. & putting up orders &c. These two days are set down the work of mond on Tues. &c.

21st Wed. Boil 3 bbls. cider for 1st Order. Chase &c.

Along & William take a long projected walk on the mountain in which the young sisters participate.

22nd Thurs. The drafted brethren & from the Chh. start for Poughkeepsie. Robert commences making cider. Grinds 120 bu. apples presses 10 curbs; obtain 269 gals. average $26\frac{1}{2}$ gal. per curb.

Boil 20 lbs. Hydrangea & commence to evaporating for fluid exp

23rd Frid. Grind Press 13 curbs. grind 130 bu. $13 \times 26 = 338$ gals.

Add 4 gals. Honey to Hydrangea & evaporate to 3 ^{mix} gal. alcohol with 2 in gal. water & stir in making 6 gal. from 20 lbs.

24th Sat. press 17 curbs & finish having made 30 bbls from 400 bushels
about 6 P.M. 1000 gals.

26 Mond. Clean up floor & various other chores. Take up 116 lbs. 89
Towad. Golden Seal.

27th Tues. Receive Perry's Sand. roots 123 1/2 lbs Also an order
for 195 lbs. Fluid after in '88.

28 Wed. A. goes to over to Perry's to see Sand. tops. Conclude to have
him bring them. Put up afto. - Chase - Cook Sandelions &c.

The rest of the week. E. m. goes over after the tops. Finds them
very good, about 3/4 dead & dried up, however we cook & press
them in 4 curbs. Get about 20 gal liquor & evaporate to 19 lbs
afto. We consider it didn't pay in a pecuniary point of view.
The tops were given to us if we would come after them.

29th Chase with 3 pair. make 103 gallons of Fluid Dandelion &
91 lbs best solid Ext from 1234 lbs roots see the 27th. We used
20 gallons of Alcohol to the Dand Fluid. Put 15 gals to 49 1/4

Mrs Rhataray

30th Chase with 3 pair

During the mo. of Octo. we dissolve
25 lbs. of ammoniac sp. poor & mouldy in
6 gals. hot water - Add 6 gals. Alcohol. Settle & strain
Add 4 more gals. Alcohol & 1 water Settle again & strain
Evaporate in pan to about 8 1/2 lbs good looking sp.
Save 6 gals. Spirit 51 degrees above proof or 75 per cent
& 3 gals. 40° below proof which is - to 1 gal. A. & 2 gals. water
31st draw off 14 gals from Valerian & return 15 gals fresh spirit
I have with 3 pair ... on the 28th we put up an other
order of 188 lbs in 1/2 lb bottles for Leary & Co Baltimore
The boys are drawing in the wood from the
saw mill filling up the wood houses & almost
every vacant place that is sheltered. They put a
quantity of it under our east cap. at the north &
south ends. also fill up between the steps on the
east side of the New shop. as high as the windows

3.8
16 1/2
6
6
21
6
5
103
14
6
100
6

Recapitulation for October 1863

Fluid Exts	Solid Exts
16 1/2 gallons Quassia	297 lbs
6 .. Pink	Com Dandelion
6 .. Sycop	91 lbs
21 .. Seneca	Best Dandelion
6 .. Scop	8 1/2 ^{lbs} Chamomile
5 .. Tongva	
103 .. Dandelion	Powders
14 .. Valerian	1031 Raspberry
6 Hydrangea	146 Gold Seal.
1000 gallons of Sider	

"We have received quite a heap of coal this month. yet only about 1 third of it has been drawn from the depot & those light fingered gentlemen residing near that place will make the heap less in a few nights more. providing the weather is cloudy enough, & cold enough ^{its} to demand a good fire. Dwight should draw it at once. That's so' but why don't he do it?"

November 1863

The Shaler Museum Foundation
Old Chatham, N.Y.
Cat. No. 4456.

- 2nd Chasing most every where Blow off boiler.
 3rd } Chase with 3 pair. draw off 11 gals from Lerna & return
 4th } 13 gals fresh to it grind articles for Lockrow's syrup. put
 them to soak. Press Lungwort 3 gals see Oct 5th
 Along to the herb house papering herbs. Blow off stone mill boiler
 5th E goes to Albany Troy & Hudson to be gone 3 days in
 company with Edward Fowler. Along papering herbs
 6th Rain wind & hail from the east. Along at herbs
 7th E gets home in the P.M. Along at the herbs
 9th Signs of snow. bank up the boiler shed. ^{A. over east} cover up grape vines
 10th Chase with 3 pair. Cook 160 lbs of different kinds of
 herbs for Lockrow's syrup fill the chest ^{not quite} $\frac{1}{2}$ full of water,
 put a lock onto the ^{outer} north east kettle room door. A to the herb house
 11th Chase with 2 east pair. clean up 146 lbs Bayberry from west pair.
Evaporating Lockrow's syrup. Press Witch hazel $7\frac{1}{2}$ gals see Oct 7th