

**Pennsylvania.** *Chestnut tree blight commission.*

... The publications of the Pennsylvania chestnut tree blight commission, 1911-1913. Harrisburg, W. S. Ray, state printer, 1915.

(663) p. illus., plates, maps (part fold.) fold. charts. 23<sup>cm</sup>.

At head of title: Commonwealth of Pennsylvania.

Various pagings.

CONTENTS.—The Pennsylvania chestnut blight conference proceedings, Harrisburg, Feb. 20-21, 1912.—The chestnut blight disease. Bulletin no. 1, Oct. 1912.—Treatment of ornamental chestnut trees affected with the blight disease. Bulletin no. 2, Oct. 1912.—Field studies on the dissemination and growth of the chestnut blight fungus, by P. J. Anderson and D. C.

(Continued on next card)

16-27007

**Pennsylvania.** *Chestnut tree blight commission.* ... The publications ... 1915. (Card 2)

CONTENTS—Continued.

Babcock. Bulletin no. 3, Dec. 1912.—Progress report of the commission, July 1 to Dec. 31, 1912.—The chestnut blight fungus and a related saprophyte, by P. J. Anderson and H. W. Anderson. Bulletin no. 4, Dec. 1912.—The symptoms of chestnut tree blight and a brief description of the blight fungus, by F. D. Heald. Bulletin no. 5, May, 1913.—The chestnut tree. Methods and specifications for the utilization of blighted chestnut, by J. P. Wentling. Bulletin no. 6, August, 1913.—The morphology and life history of the chestnut blight fungus, by P. J. Anderson. Bulletin no. 7, Dec. 1913.—Final report of the commission, Jan. 1 to Dec. 15, 1913. (Unnumbered)—Bibliography of the chestnut tree blight fungus, by R. K. Beattie. (Separate)

1. Chestnut-blight. 2. Chestnut-blight—Bibl. i. Title.

For 930.9.5

**Pennsylvania.** *Chestnut tree blight commission.*

... Bulletin ... no. 1-7; Oct. 1912-Dec. 1913. Harrisburg, C. E. Aughinbaugh, printer to the state of Pennsylvania, 1912-14.

7 v. plates, map. 23<sup>cm</sup>. (The publications ... 1911-1913)

No. 3 was pub. in 1913, but the edition was all but destroyed in a fire at that time, so that it was never really distributed until 1915.

1, 2. Chestnut-blight. [1. Chestnut—Diseases] [2. Diaporthe parasitica]

Agr 12-2180 Revised

Library, U. S. Dept. of

Agriculture 464.9P38

Seed mimeo. sent '44

ALTOONA, PA.

~~H. L. Champlain~~

~~Box 77A, R.F.D. #2 (1944)~~ ~~was~~ Mrs G. E. Weaver present  
owners,

4/9/36

12 MZ Castanea mollissima

Mr. Weaver now dead.

9/1-44 - Mimeo returned "Removed, no address"

Letter written Nov. 1, 1944 to p.m., who  
advises that Mrs. Weaver said that tree bore  
six nuts in 1943, none in 1944. Tree now  
6 or 7 ft high, 5 ft spread. No record of other  
" trees. The living tree receives no care  
at all.

Seed mimeo. sent '44

W-1951

Ambley P. O., Pa. 1931 Shipment

Philip Meredith Allen,  
Whitemarsh Valley

Castanea mollissima

Quan.

No.

15

MI

Remarks:

4/17/31 - Ack receipt.  
See file for chart.

no reply to our letter of 2/26/36

7/17/36 - Jap. Beetles very bad. Map in file

3/27/37 - " " do not seem to do too much damage.

4/7/37 - 10 @ - 1 @ mol. to replace some of above

9/30/39 - Rabbit damage last year; will protect  
this year. Jap beetles bad. No blight in  
his native chestnut now 20-24' high, being  
fertilized.

10/3/39 - Recd. 50 chestnuts from Asiatic trees, mailed from Blue Bell, Pa. 75 p.p.  
Sample to Recd: Small, attractive, clean perfectly, mild to quite sweet B.

6/3/40 - Has Amer. tree, 20' high, 12 yrs old, which has blight.

10/30/44 - Pa. Game Land Management reported he has approx. 2 doz trees 8 or 10 yrs. old, which have been bearing last 4 or 5 yrs. High winds + rabbits damage them so that they necessarily each year have to start from shoots.

Town: Ambley, Pa.  
Owner: Philip Meredith Allen  
Address: Whitemarsh Valley  
Caretaker:  
Address:  
CASTANEA mol.  
FPI No. 76010 or Origin:  
Number of trees: 24 (1930)  
If several trees, make separate cards for each, using this outline.

Age:            Ht.:            DBH:            Nuts:            Quan.:            Size:            Qual.:  
C. B. present:            Location:            Age of cankers:  
Description:

Other pathological symptoms:

Average twig growth preceding year:            this year:  
Site and growing conditions    poor            fair            good

REMARKS

3/24/31 - Only 14 living

Noted by:            Date

(On reverse side sketch location of trees and number each 1, 2, 3 etc.)

Seed mimeo. sent '44

Town: Anselma, Pa

Owner: J. Evan Wilson

Address: Box 5

Caretaker:

Address:

CASTANEA mollissima

FPI No. 70314 ✓ or Origin:

Number of trees: 6 (Spring, 1930)

If several trees, make separate cards for each, using this outline.

Age:	Ht.:	DBH:	Nuts:	Quan.:	Size:	Qual.:
C. B. present:		Location:			Age of cankers:	
Description:						

Other pathological symptoms:

Average twig growth preceding year:

this year:

Site and growing conditions poor

fair

good

REMARKS

Noted by:

Date

(On reverse side sketch location of trees and number each 1,2,3 etc.)

Ashland, Pa. (Fountain Springs) (Schuylkill Co.)  
E. M. Engel.

- Castanea japonica* S.P.D. 45507.4 35 plants 4-1-21
- Castanea mollissima* S.P.D. 25235.4 40 plants 4-1-21
- Castanea mollissima* S.P.D. 45862. \* 10 plants. ~~10-19-25~~ <sup>4-1-21</sup>
- Castanea mollissima* S.P.D. 45947 \* 9 plants 4-16-20
- Castanea japonica* S.P.D. 45332. \* 3 plants. 11-28-21
- Castanea mollissima* S.P.D. 45862. \* 13 plants 11-28-21

OVER FOR 1926 REPORT

The trees are set in an orchard on a hill just back of a low yellow double house<sup>(Engel's residence)</sup> at Fountain Springs S.E. of Ashland about 2 mi. on road past State Hospital.

~~Engel~~ Engel not at home but a neighbor pointed out the orchard. All trees in vigorous condition, about 2' high on slopes and 7' in one small hollow. No dying back on *mollissima* - few twigs up to  $\frac{1}{2}$ " diam killed back by <sup>twig</sup> blight on *C. japonica*. Only about 40 trees found.

E. J. E. & L. S. G.

7-3-26  
Go south at 3rd & Center, follow best road. At Fountain Springs, at right angle turn in road, ~~OVER~~ take dirt road down hill to large yellow house.



May

Recd and planted Apr 7-1921.

Moliseana

Crenatena

Burbank Miracle " 2

Now growing

Moliseana	15 - 4 to 12 ft	Original
Do	14 - 2 to 4	sprouts

Crenatena	10 - 12 ft	Original
Do	7 - 4 to 6 ft	sprouts

Burbank M.	46	"
	2	"
	48	

Sample of Bark sent

No 1 Native

No 2 Chungkingin

No 3 Moliseana

No 4 Crenatena all cut out and burnt.

Ashland, Pa.  
C. M. Engel

C. japonica.

S.P.I. 45507 35 plants 4-1-21

Rept. Oct. 19, 1925. 8-10 ft high.

Caliper 2" at ground. Some died first summer of drought. Limbs blight but he cuts it out. When it starts in the trunk he is lost. Ten died last season by trunk blight.

See Punched Card for 1926 Report.

Ashland, Pa.  
C. M. Engel,

*Castanea mollissima*

S.P.I. 45862. 10 plants 4-1-21. ✓  
Rept. 10-19-25

Poor success. 1/2 died by drought first year. Blight killed a few.

See Punched Card for 1926 Report.

Ashland, Pa.  
C. M. Engel.

*Castanea mollissima*

S.P.I. 25235 40 plants. 4-1-21.  
Rept. 10-19-25.

Poor success. Blight killed off quite a few, & some are still affected. 2-4 ft tall

See Punched Card for 1926 Report.

Ashland Levalle

1937 Shipment

Ashland, Pa.

*Castanea mollissima*

C. M. Engel,  
1601 Centre St.

Quan.	No.
10	MI
10	MJ

Remarks:

4/6/31 - a/c receipt. "Go  
north of Brewery property  
Fountain Spring, 100 ft."

1/4/32 "are nearly all drought-killed, an entire failure."

July, 1947 - July, tree living, no crop this year

Schuykill Co.

ASHLAND, PENNSYLVANIA

Castanea crenata

45858

C. M. Engle

OCT. 11, 1933,

Engel's  
House

Dirt Road from H'way

Hill

↓ down

Apple  
Orchard

→ N

0/4

Brewery

Faces 2, 3, 4  
back of the brewery, among  
others since received.  
(over)

#1 *C. mollis*. One of the originals C.B. gr. exp. 15 in. 9-10 ft.  
One of the four surviving original trees back of brewery  
is 18-20 ft high. Is not *mollis* - probably a V.F. cross.  
No C.B. Another original tree is 13-14 ft high with C.B. at crotch,  
resisting *Crenata*. Fourth tree is across stream 20 ± ft  
high. Vigorous.

Various other trees on the hill and a few back of the  
brewery among the surviving originals. Most of them  
doing badly from C.B. + drought. No way of identifying  
them by F.P. numbers or dates of shipping, except the four  
older trees from the "80" lot. 10/11/33 RBC

45947 Shugikill Co. mollissima /

9 pls. 4-16-20 Engel, C.M. Ashland, Pa. ✓

✓45862 - 13 pls. 11-28-21 mollissima ✓

✓45332 - 3 pls. 11-28-21 crenata ✓ ✓

See Punched Card for 1926 Report

C.M. Engle, Ashland, Pa.

Out of 80 trees only 8 bearing  
nuts, or rather unripe  
burs. Letter 9/20/30.

3/4/31 - Only 8 living, large, partly  
infected; 4 trees with many sprouts still  
striving to exist. No nuts last yr  
because of drought.

1/4/32 "The 85 chestnuts received several years ago now  
are most all gone thru blight."

Schuyler Bill Co Cast. *Mollisima*

10 17 X  
8 new  
16  
12

45332

Castanea crenata

Chestnut

S.P.I.No.

Scientific Name

Common Name

A prompt reply to the following questions regarding the tree above named will be thankfully received:

Number of trees alive.....

48

Height of trees.....

*mollisima* 16 - 4 to 6 ft

Have trees fruited?..... Size and quality of nuts.....

No

2 in diam

Approximate location of trees on your place.....

2 Burbank - sprouts - 1 *Clunquaspin* 11 trees 2 to 3 - sprouts

*Creneterna* low level - *Mollisima* Hill side South exposure

Kindly use inclosed envelope.

Knowles Ryerson,  
Horticulturist in Charge.

Date.....

5-5-28

Cast - 37

Sign here.....

*B. M. Engel*

C. M. Engle

Experimenter

1601

Cent St Ashland, Pa.

Carbon Co, Address

05/8-1928

Crenetena - <sup>21</sup>10 - 9ft - 2 1/2 Diam  
 " " 8 - 3" Sprouting  
 Mollisima 16 - 4 to 6ft 2 in diam  
 " " 11 - 2 to 3" sprouting  
 Burbank - 2 - 2 ft Sprouting  
 Chiquapi 1 - 3 " 2 died blight  
 Growing - 48 - 5 of these are  
 partly affected by blight.

5 of the 8 - Crenetena have  
 nuts 1926 - large nuts, not  
 so sweet as our native.

Mollisima did not bear  
 yet.

Burbank original have several  
 nuts 1924 had 4 sets of burrs  
 when frost came in Sept.  
 out in middle of large field  
 when blight killed them at ground.

Our native sprouts in our woods  
 are still being killed by blight.  
 Wish I could strangle this demon  
 of Hell. - Engel

Schuyler Co.

See # 4532

X

45858

Castanea crenata ✓

Chestnut

S.P.I.No.

Scientific Name

Common Name

A prompt reply to the following questions regarding the tree above named will be thankfully received:

Number of trees alive.....<sup>17</sup>..... Height of trees.....<sup>2 to 6 ft</sup>.....

Have trees fruited?.....<sup>No</sup>..... Size and quality of nuts.....<sup>5 of these are sprouts from original trees</sup>.....

Approximate location of trees on your place.....<sup>South of</sup>.....

<sup>Fountain Spring on low land East of Wolf Run & Land</sup>

Kindly use inclosed envelope.

Knowles Ryerson,  
Horticulturist in Charge.

Date.....<sup>5-5-28</sup>..... ✓

Sign here.....<sup>C M Engle</sup>.....

C. M. Engle

Ashland, Va.

.....  
Experimenter

.....  
Address

<sup>may 19-28</sup>

over,



On May 8, I complied  
with your request and  
sent you a full report  
of both Cronetina and  
Mollusina, Chestnuts. This  
is now the 4<sup>th</sup> request  
for the same thing.

I am only too glad to  
give you what information  
and observation I find to  
help the cause of blight  
eradication, but such  
nonsense as this is only  
humiliating and seems to  
me in the same class as  
our prohibition, humbug  
C. M. Engel

Schuyler Co.

45947

Castanea mollissima

Chestnut

S.P.I.No.

Scientific Name

Common Name

A prompt reply to the following questions regarding the tree above named will be thankfully received:

Number of trees alive 23 Height of trees 2 to 4 ft.

Have trees fruited? no - 5 are sprouts Size and quality of nuts.....

Approximate location of trees on your place Hill side No.

Hoff Busch Co. land. Southern exposure

Kindly use inclosed envelope.

Knowles Ryerson,  
Horticulturist in Charge.

Date 5/12/28

Sign here C. M. Engel

C.M. Engel

Ashland, Pa.

.....  
Experimenter

over.

.....  
Address

*Castanea. Crenata.*

17 trees 2 to 6 ft.

5 of these are sprouts.

12 Original trees

On low land.

Mr. C. M. Engel  
Ashland, Penna.

May 18 - 1928

Ashland Pa, Sep 11-39,

Gentlemen:-

Replying to your letter Aug 31,  
all the trees (80) received of you some  
years ago are all gone by the blight.  
only a few sprouts and 1 single tree  
survive, so have nothing to offer you  
thousands of our native Chestnuts have  
gone this summer, with the July drought and  
blight.

Yours truly L.W. Engel

AUBURN, PA.

Seed mimeo. sent '44

Weevil Memo Sent 1948-1951

Ed Alspach

4/15/36 ✓20 MAQ *Castanea mollissima*

✓20 MAR " "

✓10 MAS " "

8/25/42 - Pa. Game Tech. had 4 to 6 qts seed, 25¢ qt.

10/30/44 - Pa. Game Land Management re-

ported 4-6 qts of seed

9/8/48 - (from R.W. Gardner, Colonial Park, Pa.) no  
crop this year due to frost.

Schuylkill Co.

AUBURN, PENNSYLVANIA

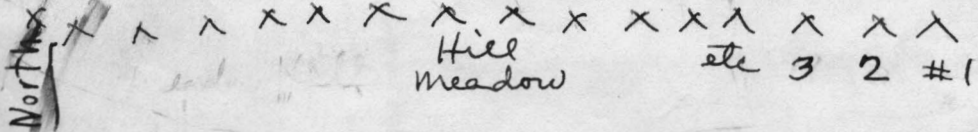
*Castanea mollissima*

Ed. Alspach

✓ 65859  
25 pls. 3/7/28

9/22/30 - Some about 3ft high, others  
apparently haven't grown at  
all; all in same ground,  
dif. due to drought.

← Corn field →



Road

House

(see attached report)

Over for report.

Stony but fertile soil. Trees 50 ft apart in one row.

#1. from south end, weech. injury, 3 1/2' height

2. 5'

#14. 4 1/2' weech. inj.

3. original stem killed? spts 2 1/2'

15. 4'

4. 6'

16. 4'

5. 4 1/2'

18. 3' weech. inj. base.

6. 4 1/2'

total

7. 4'

8. 6'

9. 9' (Made 3' growth this year in 2 3/4" diam. base.)

10. 5 1/2'

11. 9' (see note #9)

12. 5'

13. 5 1/2'

Oct. 1933 RBC

Schuylkill  
65659

Castanea mollissima

X Chestnut  
Chinquapin

S.P.I.No.

Scientific Name

Common Name

A prompt reply to the following questions regarding the above-named tree will be thankfully received:

Number of trees sent... 25... Date sent... Mar. 7, 1928

Number of trees alive... 25... Height of trees.....

Have trees fruited?..... Size and quality of nuts.....

Approximate location of trees on your place In the fields where

some of these <sup>largest</sup> native Chestnut trees grow in southern Schuylkill.  
Kindly use inclosed envelope.

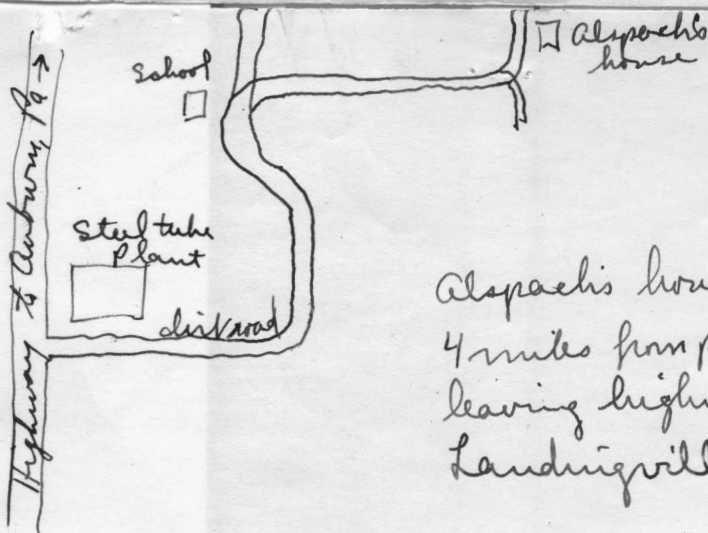
Knowles Ryerson,  
Horticulturist in Charge.

Date. 5-16-28

Sign Here... Ed. Alspach

Ed. Alspach  
Experimenter

Auburn, Pa.  
Address



Alspach's house is  
4 miles from point of  
leaving highway on  
Landingville Road.

3/3/36. 20 still living from 5-11 feet high.

3 were damaged by deer + died. 2 were winter killed 2 yrs. ago. They got the first blossoms

3 yrs. ago. Some have burrs but the nuts dry up. Last fall they got a qt. of nuts as large as hickory nuts + as sweet as the best of native nuts.



Nos 4667 & 8.

Mixed seeds of erh luli tzu  
(second-crop chestnut) and  
han luli tzu (cold-dew  
chestnut) obtained at the

Fa Hua Tzu Temple near  
Peking 10/29/25.

Ripen the last of Sept.