

1903.

Fac. of Arts + Science.

Lawrence Scientific School.

ditto

1907

But Oct 1907 a part of
students transferred to Haw Coll
part to Grad. School (Est. Mar. 1906)
of Applied Science -

In Oct 1907 Grad. School of
Applied Sci. instruction in Forestry
Ann Cat 1907-08.

Div of Forestry Ann. Cat. 1908-1909
1909-1910.
ditto 1910-1911
1911-1912

Graduate Schools of App. Science
Cat 1912-1913

School of Arch. etc.

2

School of Forestry

started
1912

Fisher

Jeffrey

Jack

Carter

Bruce

Bailey

Nichols John Rob In Cui &

Jay Morrison Inst. For. Surv.

ditto 1913-1914
not in Bus School Fac.

Cat 1714-15 with 1914 - School of Forestry

Prorgun "no ~~more~~ longer offer
found curriculum for
den and gen trans in
forestry" -
over

3

Spencer Hebel.

Lib + Mon.

Wood Tech

Tom Ent

Deedely

Junta Business.

Francis Hathaway Cummins Scholarship!

Fisher (in 1914 becomes mem
Bus School Faculty)

Gies on Faculty.

4 | 1914 -

Became Dept. of Forestry
in Bureau Inst. for
Applied Biology.

In Oct of 1915-16

Harvard Forest Staff
STAFF

Edward Edgecombe Carter

^{Sept} Instructor ^{Sept.} 04 - 05

^{Sept} Assista. Prof. 1910

^{Sept.} 15

gries

Benton MacKaye

PIPI
PIPI
Asst. For. ~~1906~~ 1906 - 1910

Austin Cary

^{Sept 1909}
Assitant Prof. For. ^{Sept} 05 - ~~10~~

Lect. in Lumber and Forestry

Oct 1910 --

Oct. 1911

~~1915~~
~~1916~~

Gries

Ivring Widmer Bailey

Austin T. Fellow

~~Instructor in Forestry~~

Sept 1909
Asst For. *Sept 1909* - 1912

1912

^{Sept}
Asst Prof. For 1912 - ^{Sept} 1920
Assoc. Prof. " 1920 - 1927

Ju N. Spath

~~QUARTERS~~

Asst in Forestry Sept 1920 - 1921

Asst. to Dir. Har. For. Sept. 1921 -

Asst. Rentering Oct 1, 1924

Robinson Hall

1907

No. Wing, Lawrence Hall

1910

Bussey Instiution,

Sept. 1913.

Annual Enrollment

Graduates.

MacKaye

Gies, John Matthew

{ Lieut. Lubbery Sept 1914 - Sept 1916
{ Asst. Prof. of Lumber Sept 1916 - 1921

HSITORY OF FORESTRY IN HARVARD UNIVERSITY

As nearly as can be approximated by sources used:

- 1) Various reports available in Prof. Fisher's file
- 2) Annual Catalogues of the University.

The first courses in Forestry were given in the Lawrence Scientific School, a part of the Faculty of Arts and Sciences, in 1903.

in Forestry

In October 1907 the students/in the Lawrence Scientific were assigned to the Graduate School of Applied Science, established in March, 1908. (Other students ~~were assigned to the College~~ in other sciences were assigned to the College, and a relic retained in the Lawrence Scientific School.)

The Catalog of 1907 states instruction in Forestry, but makes no mention of a division.

In 1907 the instruction was given in Robinson Hall

In the Annual Catalogues, 1908-9 through 1911-12 inclusive the instruction in Forestry is given ~~by~~ by a Division of Forestry, R.T. Fisher, Chairman.

In 1910 instruction was given in the North Wing of Lawrence Hall.

In the Catalog 1912-13, mention is made of the McKay Bequest. ~~The School of Graduate~~ The Graduate School of Applied Science becomes the Graduate Schools of Applied Science and the Division of Forestry becomes the School of Forestry, R.T. Fisher, Chairman.

As of 1912 the Faculty of the School of Forestry consists of Fisher, Jeffrey, Jack, Carter, Brues, Bailey, ~~John, Instructor in Civil Engineering,~~

John Robert Nichols, Instructor in Civil Engineering
Jay Morrison, Instructor in Forest Surveying.

The same faculty is given for the School of Forestry in the Catalog of 1913-1914.

But in September 1913 the School of Forestry was transferred to the Bussey Institution in Jamaica Plain.

(The Bussey Institution had been reorganized to give only graduate instruction in Applied Biology in 1908.)

As of Sept. 1913, the course was reorganized to give instruction in the fundamental work in the first year, and to permit of more specialization in the second year)

In 1914 the Graduate School of Applied Biology was abolished. The instructors in Forestry and those in the Bussey were combined into the Faculty of Applied Biology housed in the Bussey Institution. //Dept. of Forestry in the Bussey In the Catalog of 1914-15 instruction in forestry is given by the A reorganization took place, in that there was "no longer offered a formal curriculum for demonstration and general training in forestry".

Instead graduate training in the following special fields was given.

Silviculture and Management
Wood Technology
Forest entomology
Dendrology
Lumber Business

The specialized training in the Lumber Business was given in the ~~1914-15~~ Graduate School of Business Administration.

Mr. Fisher accordingly became a member of the Faculty of the Graduate School of Business Administration.

Albert Collins Clark

Research Assistant 1923-24

Assistant to two Directors
and Instructors in Forestry

1924 - 1930

Assistant Director 1930 - 35

Neil Wetmore Horley

Forest Assistant 1925-30

Instructor in Forestry 1930 -

Paul Rupert Cost

Instructor in Forestry 1924-29

Assistant Professor

of Forestry 1930 -

William Hawke Cummings

Forest Assistant 1934-35

Please Return to Allen

LIST OF INDIVIDUALS AND ORGANIZATIONS
Exclusive of Departments of the University
HAVING MORE IMPORTANT ~~BUSINESS~~ RELATIONS WITH THE HARVARD FOREST

<u>Name and Address</u>	<u>Persons Concerned</u>	<u>Relation or Service</u> <u>Business Relations</u>
✓ Allen Estate, Petersham.	Charles L. Allen <i>of North Co Winchendon</i>	Advice in the management of woodlands by members of the Staff; establishment of plantations by the Forest crew.
Appalachian Mountain Club, Boston.	Harris A. Reynolds, H.(L.A.)'11, Rep.	Cooperative sample plots in pruning and weeding on the Carlisle pines property at Carlisle, Mass.; release cuttings of white pine by students of the Forest under the direction of Mr. Cline.
✓ Baker Estate, East Templeton.	Lee Byron Baker, H.(12-13).	Cruise and forest type map of the property with plan of management by students of the Forest under the direction of Mr. Cline.
✓ Bragg Estate, Athol.	E. Kendall Bragg, H.'23.	Cruise, forest type map, and plans of management for the estate's forest property along the Millers River between Athol and So. Royalston by students under the direction of Mr. Cline.
✓ Beals Estate, Winchendon.	George C. Beals, H.'98.	Advice in the management of the estate's forest property through the employment as consulting forester of C.H.Foster, HF '24.
Black Rock Forest, Cornwall, N.Y.	Dr. E. G. Stillman, Owner, H. '08. H. H. Tryon, Forester, H.F. '13. H. L. Mitchell, Research Forester, H.F. '32.	Advice in the management of the Forest by Prof. Fisher; cooperative studies of light and soil nutrients in the growth of coniferous seedlings (Dr. Gast); sale of nursery stock from Harvard Forest nursery.
Carter Pond Company, Petersham.	A. M. Ganson, Pres.* R. T. Fisher, Treas.*	Survey and forest type map of Company's property in Petersham and Barre by students under the direction of the Staff.
N. D. Cass Co., Athol.	N. D. Cass, Pres. William Cass, Treas.	Sale of lumber to the Company over a period of years; annual visit to the Company's toy factory by students of the Forest.

Name and Address

Persons Concerned

Business Relations

Central New England
Sanatorium, Rutland.

Dr. Bayard T. Crane
H.M. '01 *dead*

Advice in the management of the forest property by Professor Fisher acting as member of the Corporation; forest working plan by student (Hollis Smith); employment of Mr. Smith after graduation; establishment of plantations and weeding of young stands.

Choate Estate,
Petersham.

Mr. Chas. F. Choate, Jr.
H. '88.
Mrs. Eliot Perkins
Mrs. Nicholas J. Spykman.

Cooperation of the estate with the Forest in fire protection; technical advice; management of the forested portion of the estate; cooperative sample plots in the improvement of weeviled pine plantations; contribution of funds to the cooperative study of the white pine weevil by the Bureau of Entomology and the Forest; cruise and type map of the property by students.

? *Mrs. Duncan Spruce*

Connecticut Forest &
Park Ass'n, 215
Church St., New Haven.

Robert M. Ross, Sec.

Cooperation and studies in the control of the white pine weevil; publication by the Association of a bulletin by H.J. MacAloney and A. C. Cline.

✓ Cunningham Estate,
Hubbardston.

Mrs. Frederic Cunningham.

Advice in the management of the estate's forests by Prof. Fisher; cruise and forest type map by Mr. Hosley.

✓ Dexter Estate,

✓ Mrs. Edwin C. Dexter

Thinning of the Dexter woodlot

Diamond Match Co.
Biddeford, Maine.

Mrs. Katherine Dexter
Mr. Fairburn, Pres.
Mr. Leight, Vice-pres.
Mr. Cheney, Manager,
Biddeford plant.

Advice in the management of the Company's woodlands in New England; employment by the Company of a Forest graduate (C.R. Lockard) as forester.

Ansel Dickinson Heirs,
Ashuelot, N.H.

W.E. Dickinson
Lafell Dickinson

Purchase of the old growth tract of 20 acres on Pisgah Mountain, Winchester, N.H.

✓ Dorward Estate,
Petersham.

Irwin P. Dorward

Advice in the planting of open land on the estate; establishment of plantations by the Forest crew.

Eppley Laboratory,
Newport, R.I.

Cooperation in the development of pyrliometers (Dr. Gast).

✓ Ganson Estate,
Petersham.

Mrs. A. M. Ganson

Sale of nursery stock; establishment and weeding of plantations by Forest crew and students under direction of Mr. Cline and Mr. Hosley.

<u>Name and Address</u>	<u>Persons Concerned</u>	<u>Business Relations</u>
Gardner State Colony, Gardner.	Dr. Charles E. Thompson, Supt. H.M. '02.	Advice in the management of the Colony's forests by Prof. Fisher acting as trustee; special examination and reports by Mr. Hosley.
✓ Holden Estate, North Dana.	Miles C. Holden	Advice in the handling of the estate; establishment of plantations by the Forest crew.
✓ Kinnicutt Estate, Petersham.	Dr. Roger Kinnicutt, H. '02; H.M. '06.	Advice in the care of the estate's woodlands by the Forest Staff; pruning of pine stands and weeding of cut-over lands by a graduate of the Forest (Hollis Smith) under the general supervision of the Forest Staff.
Commonwealth of Massachusetts, Dept. of Conservation, Boston.	Wm. A. L. Bazeley, Comr. Samuel A. York, Comr. H. O. Cook, Chf For. H. F. '07.	Supervision of emergency work on the State Federation of Women's Clubs Forest in Peters- ham by Mr. Cline 1931-32; cooperation in the publication of a book of volume and yield tables; advice in the silvi- cultural operations in twelve C.C.C. camps by Mr. Cline 1933.
Metropolitan Dist. Water Supply Com. Boston	Frank E. Winsor, Chief Engineer.	Swift River reservoir, 40,000 acres of water shed to be developed as a forest property. Visit to the water shed by Prof. Fisher and Mr. Cline in company with Mr. Winsor and consideration of its future Management.
Trustees of Public Reservations, Boston.		Examination of and reports on reservations by Mr. Hosley; sale of planting stock; advice in reforestation.
Mass. Forest & Park Ass'n, 3 Joy St. Boston	Harris A. Reynolds, Sec. H. '11. (L.A.)	Cooperative studies in pruning of white pine, reclaiming of severely weeviled pine planta- tions, and forest weeding (Mr. Cline), all three published as bulletins of the Association; cooperation in furthering a plan for a land economic survey and topographic resurvey of Massachusetts; contribution of an article (Prof. Fisher) on forest management together with aerial photograph in the sample survey of the town of Holden.

Name and Address

Persons Concerned

Business Relations

Middlebury College,
Battell Forest,
Middlebury, Vt.

J. J. Fritz, Manager

Advice in the management of the Battell Forest by Prof. Fisher as member of the Advisory Board of the Forest.

E. Murdock Company,
Winchendon.

Elisha Whitney, Pres.
✓ Wm. W. Whitney,
H. '15.

Cooperative sample plots in thinning and reproduction cuttings; management plan for the Company's holdings by one of the students (Eitel Bauer); sale of logs to the Company's pail shop over a period of years; advice in the management of the Company's holdings employment of a Forest graduate (C.H.Foster) as forester.

National Fire Protection Ass'n, Boston.

Robert S. Moulton, Sec.
H.E. '17.

Cooperation in a study of forest fire insurance and in the publication of Harvard Forest Bulletin 17 by students of the Forest.

New England Box Company,
Greenfield.

Chas. H. Keith, ^{Dead} Pres.
W.E. Dickinson, Treas.

Management plans for the Company's holdings in Petersham by a student (A.C.Cline); sale of Harvard Forest lumber to the Company's box shops over a period of years; operation of several of the Company's woodlots in Petersham; purchase of the Adams Fay Lot as an addition to the Tom Swamp Block.

New England Homestead
Springfield.

Herbert Myrick, Pres.*
^{Dead}

Publication of a series of articles on forestry by members of the Forest Staff; plan of management for the estate of Mr. Myrick at No. Wilbraham by students under the direction of Mr. Cline.

✓ New England Power Ass'n, Bowen Tufts

A timber and land use reconnaissance of the Winchendon water shed area resulting in a plan for the encouragement of forestry practice within the area; establishment of sample plots as demonstrations of silvicultural treatments by Mr. Cline assisted by C. H. Foster, student.

✓ New Hampshire Lumbermen's Ass'n,
Manchester, N.H.

Owen Johnson, Pres.

Cooperative study of the lumber industry in New Hampshire by Mr. Cline and publication of the results in Harvard Forest Bulletin No. 10.

<u>Name and Address</u>	<u>Persons Concerned</u>	<u>Business Relations</u>
Northeastern Forest Experiment Station, New Haven, Conn.	S. T. Dana, Director C. Edward Behre, Dir.	Detailed study of the effect of the factor of solar radiation (Dr. Gast); cooperative study of forest fire weather conditions; effect of radiation on growth of pines under forest conditions (Dr. Gast); membership on the advisory council of the Station by Prof. Fisher.
Northfield Schools, Northfield, Mass.	Wm. R. Moody, Pres.* Ambert G. Moody, Gen. Mgr. Mr. Polhemus, in charge of woodlands.	Cruise and forest type maps for properties of the Northfield Seminary and Mt. Hermon School together with plan of management prepared by students of the Forest under the direction of the Staff.
Town of Petersham	E. E. Phillips, Daniel Broderick, Selectmen.	Improvement of the roadsides by Prof. Fisher and Mr. Cline acting as tree wardens of the town over a period of years; advice in the management of the Town Forest tracts by same two acting as members of the Town Forest Committee; advice in the C.W.A. and other emergency projects pertaining to tree warden and town forest work by same; improvement operations on the Town Forest carried out by the Harvard Forest crew under the direction of Mr. Cline; sale of nursery stock.
Simes Estate, Petersham.	William Simes* ✓ Mrs. William Simes ✓ Miss Olive Simes	Advice to Mr. Simes and Miss Simes from Prof. Fisher in the sale of woodlots in Petersham; improvement cutting in one of the estate's woodlots by the Forest; sale of logs resulting therefrom; contribution to fund for purchase of fire apparatus.
South Berkshire Land Owners' Ass'n, Monterey, Mass.	Russell S. Smith, Forester # 119?	Advice in the organization of the Association; visits to the Association's property by Mr. Hosley; sale of nursery stock; advice in reforestation.
Springfield Chamber of Commerce	Mr. Hapgood	Publication of report on lumber consumption in the Springfield district by Mr. Cline assisted by students of the Forest. Other cooperating organizations: Hampden County Improvement Lea., Mr. Edlund; The New England Homestead, Mr. Myrick; New England Box Co., Mr. West.
Springfield Chamber of Commerce, Springfield, Mass.	Mr. Hapgood	

<u>Name and Address</u>	<u>Persons Concerned</u>	<u>Business Relations</u>
Smith Estate, Great Barrington.	✓ Miss Nellie M. Smith	Advice in the management of the estate's woodlands by the Forest Staff; sale of nursery stock.
Arthur F. Tyler Co. Athol	✓ Arthur F. Tyler, Pres.	Advice in the management of the Company's woodlots; sale of lumber from the Forest; annual visit to the Company's sash and blind factory by the students.
U. S. Bureau of Entomology, New Haven, Conn.	Dr. F. C. Craighead, Chief. Dr. H. J. MacAloney, in charge of insect inves- tigations for the Northeast.	Cooperation in the study of the white pine weevil and other insect pests over a period of years; study of the effect of fertilization on growth rate and weeviling susceptibility (Dr. Gast); joint publication of two bulletins on white pine weevil control by Mr. Cline.
U. S. Bureau of Plant Pathology, New Haven, Conn.	Dr. Perley Spaulding, in charge of the Bureau's work in the Northeast.	Advice by Dr. Spaulding in the identification and control of tree diseases over a period of years, especially of the European larch canker on the Matthews estate at Hamilton.
Waldo Estate, Petersham.	C. Sidney Waldo, H.'06	Advice in the sale of stumpage by Prof. Fisher; establishment and pruning of plantations by the Forest crew.
Ware Estate, West Rindge, N.H.	Miss Mary L. Ware	Marking for improvement cutting on the estate by Mr. Hosley.
Wharton Estate, Groton, Mass.	✓ William P. Wharton, H.'03.	Advice in the management of the estate, especially the handling of plantations and younger stands. Contribution of funds to the cooperative study of the white pine weevil by the Bureau of Entomology and the Forest (Dr. MacAloney).

Compiled by A. C. Cline

Correct

REVISED FACULTY LIST

April 20, 1935

Richard Thornton Fisher, A.B., M.F., S.M. Inst. in Forestry 1903-05; Asst. Prof. of Forestry 1905-20; Director (~~XXXXXXForest~~) 1915-34; Asst. Prof. of Lumbering and Forestry 1921-24.

John George Jack. Inst. in Forestry 1903-05; Inst. in Forest Botany 1906-08; Asst. Prof. of Dendrology 1908- .

Edward Edgecombe Carter, A.B., M.F. Inst. in Forestry 1904-05; Asst. Prof. of Forestry 1910-15.

Ralph Chipman Hawley, A.B., M.F. Inst. in Forestry 1905-06.

Austin Cary, A.B., A.M., S.D. Asst. Prof. of Forestry 1905-09; Lectr. in Lumbering and Forestry 1910-14.

Benton MacKaye, A.B., A.M. Inst. in Forestry 1906-10.

Irving Widmer Bailey, A.B., M.F., S.D. Inst. in Forestry 1909-12; Asst. Prof. of Forestry 1912-20; Assoc. Prof. of Forestry 1920-27.

John Matthew Gries, A.B., A.M. Lectr. in Lumbering 1914-16; Asst. Prof. of Lumbering (GradS. of Bus. Administ.) 1916-21. and Forestry

Laurence Rich Grose, A.B., A.M., S.M.F. Inst. in Forestry 1916-17.

John Nelson Spaeth, S.B., M.F., Ph.D. Asst. in Forestry 1920-21; Asst. to the Director 1921-24; Inst. in Lumbering (Gr. S. of Bus. Administ.) 1921-23.

Albert Collins Cline, S.B., M.F. Inst. ~~Asst. For 1923-24~~ Asst. to the Director and Inst. in Forestry 1924-30; Asst. Director 1930 - .

Paul Rupert Gast, Ph.B., S.M., S.D. Res. Asst. 1923-24; Inst. in Forestry 1924-29; Asst. Prof. of Forestry 1930 - .

Neil Wetmore Hosley, S.B., M.F. For. Asst. 1925-30; Inst. in Forestry 1930 - .

William Hawke Cummings, A.B., B.F., M.F., For. Asst. 1934-35.

Instructors Associated with the Division of Forestry or School of Forestry prior to 1915.

Edward ~~1907-13~~ Charles Jeffrey, A.B., S Ph.D., S.D. Prof. of Plant Morphology

Hector James Hughes, S.B., Asst. Prof. of Civil Engineering 1908-13; Director of the Engineering Camp 1909-30.

Charles Thomas Brues, S.B., S.M. Inst. in Economic Entomology 1909-13; Asst. Prof. of Economic Entomology 1913-26; Assoc. Prof. of Economic Entomology 1926- .

Housed in Robinson Hall
until 1907 (Prof Waver)

Richard Thornton Fisher

In Sept 1908? -
moved to Pierce Hall?
(Prof. Hollis)

Graduated from the College, 1898

Assistant in English, 1898-99

Instructor in Forestry, September 1903 to September 1905

Assistant Professor of Forestry, September 1905
to September 1920

Chairman of Division of Forestry 1908?
Director of the Harvard Forest (month)1908 --

Assistant Professor of Forestry and Lumbering September 1920
to September 1924

Member of Faculty of Graduate School of Business Administration
(month) 1915
to 1924

Member of Faculty of Bussey Institution 1905

in Graduate School
of Applied Science

~~Division of Engineering~~
Courses in Forestry first offered in the Bussey Institution
in 1903? in

~~Department~~ ^{Division} of Forestry established in (month)1908

~~still~~ ^{Dis} continued? in September 1914

"Harvard Forest" --- Sept 1915

~~Transfer~~ Became part of Graduate School of Applied Biology
Bussey Institution became exclusively graduate in 1915? in Sept 1913

"School of Forestry" first designated as such in 1913- (?)
(December 1915) → Sept 1915

terminated?

Exclusively graduate courses start at time the Bussey Inst.
became graduate in 1915?

Administration of Graduate Courses in Forestry transferred to
Graduate School of Arts and Sciences in 1931?

Richard Thornton Fisher

Graduated from the College, A.B., 1898

Assistant in English, 1898-99 (? no record on Sec'y's card,
nor in Quinquennial Cat. !)

Instructor in Forestry, Sept. 1903 to Sept. 1905

Assistant Professor of Forestry, Sept. 1905 to Sept. 1920

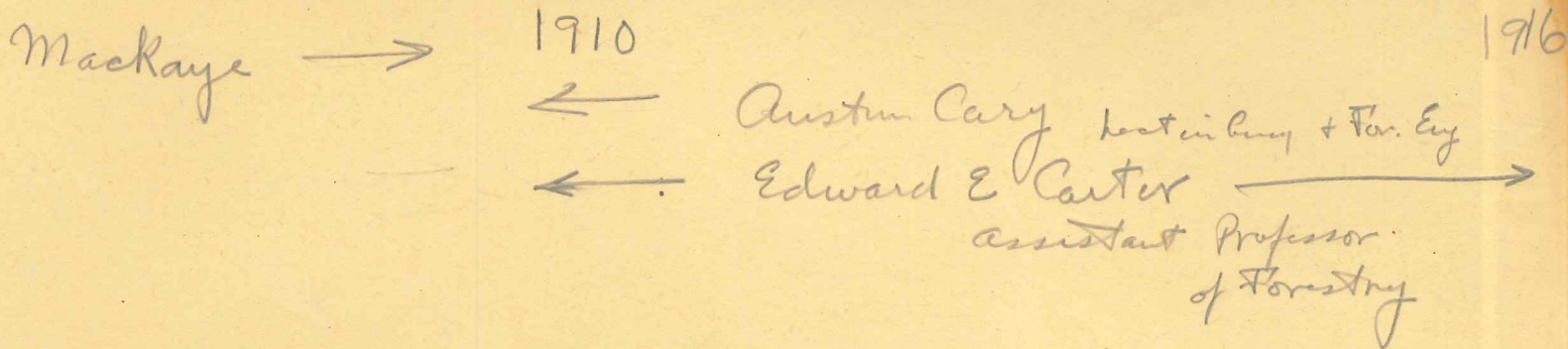
Assistant Professor of Forestry and Lumbering, Sept. 1921 to Sept. 1924.

Director of Harvard Forest., Sept. 1915 to June 9, 1934.

Member of Faculty of Grad. School of Bus. Administration
from Sept. 1914 to Sept. 1924.

Member of Faculty of Bussey Institution
from Sept. 1913 to 1931.

Staff



Quarters -

1907
Robinson Hall

1910
No. Wing
Lawrence Hall

Sept 1913
Bussey Quarters

"New" Two year course
started 1908

STAFF OF INSTRUCTION IN FORESTRY AND LUMBERING

Edward Edgecombe Carter

Instructor, Sept. 1904 to Sept. 1905;

Assistant Professor of Forestry, Sept. 1910 to Sept. 1915.

Benton MacKaye

Instructor in Forestry, Sept. 1906 to 1910.

Austin Cary

Assistant Professor of Forestry, Sept. 1905 to Sept. 1909;

Lecturer in Lumber^{ing} and Forestry, Oct. 1910 to Oct. 1914.

John Matthew Gries

Lecturer in Lumbering, Sept. 1914 to Sept. 1916;

Assistant Professor of Lumbering, Sept. 1916 to 1921.

Irving Widmer Bailey

Instructor in Forestry, Sept. 1909 to 1912;

Assistant Professor of Forestry, Sept. 1912 to Sept. 1920;

Associate Professor of Forestry, Sept. 1920 to Sept. 1927.

John Nelson Spaeth

Assistant in Forestry, Sept. 1920 to Sept. 1921;

Assistant to the Director of the Harvard Forest, Sept. 1921 to
Oct. 1924;

Instructor in Lumbering, Sept. 1921 to Sept. 1923.

Bussey School
App't.

QUARTERS

Robinson Hall 1907
Lawrence Hall, North Wing, 1910
Bussey Institution, 1914

STAFF OF INSTRUCTION IN FORESTRY AND LUMBERING

Edward Edgecombe Carter

- (3) Instructor, September 1904 to September 1905;
Assistant Professor of Forestry, September 1910 to September 1915.

(5) *Hawley 1905*

Benton MacKaye

- (6) Instructor in Forestry, September 1906 to 1910.

Austin Cary

- (4) Assistant Professor of Forestry, September 1905 to September 1909;
Lecturer in Lumbering and Forestry, October 1910 to October 1914.

John Matthew Gries

- (8) Lecturer in Lumbering, September 1914 to September 1916;
Assistant Professor of Lumbering, September 1916 to 1921.

Irving Widmer Bailey

- (9) Instructor in Forestry, September 1909 to 1912;
Assistant Professor of Forestry, September 1912 to September 1920;
Associate Professor of Forestry, September 1920 to September 1927.

John Nelson Spaeth

- (10) Assistant in Forestry, September 1920 to September 1921;
Assistant to the Director of the Harvard Forest, September 1921
to October 1924;
Instructor in Lumbering, September 1921 to September 1923.

Albert Collins Cline

- (11) Research Assistant, September 1923-24;
Assistant to the Director and Instructor in Forestry, 1924-1930.
Assistant Director, 1930-1935.

Paul Rupert Gast

- (12) *Research Assistant 1923-24*
Instructor in Forestry, 1924-1929;
Assistant Professor of Forestry, 1930-

Neil Wetmore Hosley

- (13) Forest Assistant, 1925-1930;
Instructor in Forestry, 1930-

William Hawke Cummings

Forest Assistant, 1934-35.

STAFF OF INSTRUCTION IN FORESTRY AND LUMBERING

Continued

① Laurence Rich Grose

Instructor in Forestry, 1916-17

② John George Jack

Instructor in Forestry, 1903-05
Instructor in Forest Botany, 1906-08
Assistant Professor of Dendrology, 1908 -

Instructors Associated with the Division of Forestry or
School of Forestry Prior to 1915

Charles Thomas Brues

Instructor in Economic Entomology, 1909-13
Asst. Professor of Economic Entomology, 1913-26

Edward Charles Jeffrey

Professor of Plant Morphology, 1907 -

Hector James Hughes

Asst. Professor of Civil Engineering, 1908-13
Director of the Engineering Camp, 1909-

STAFF

Edward Edgecombe Carter

Instructor	04 - 05	Assista. Prof.	10	15
				16

Benton MacKaye

- 10

Austin Cary

Assitant Prof. For. 05 - 10

Lect. in Lumber and Forestry		
	1910	1915
	--	1916

Ivring Wisner Bailey

Instructor in Forestry 1909 - 1912

QUARTERS

Robinson Hall 1907

No. Wing, Lawrence Hall 1910

Bussey Instiution, Sept. 1913.

Annual Enrollment Graduates.