Faculty

Halsey Cooley Ives,
Director; Lecturer on the Historical Development of Art.
Pupil of Alexander Piatowski.

Robert Porter Bringhurst,
Modeling and Sculpture.
St. Louis School of Fine Arts—Atelier Dumont, l'Ecole des Beaux Arts.

Edmund Henry Wuerpel,
Superintendent; Drawing and Painting from Life, and Composition.
Pupil St. Louis School of Fine Arts, Bouguereau, Ferrier, Aman-Jean, and l'Ecole des Beaux Arts.

Charles Percy Davis,
Antique.
Pupil of New York Art Students' League, Bouguereau, Ferrier and Fleury.

Henrietta Ord Jones,
Ceramic Painting.
Pupil of St. Louis School of Fine Arts and Franz Bischoff and Otto Punsch.

Frederick Lincoln Stoddard,
Pupil of St. Louis School of Fine Arts, Bouguereau, Ferrier, Laurens and Constant.

Oscar William Raeder,
Mechanical and Architectural Drawing.
Pupil of St. Louis School of Fine Arts and Washington University.

Grace Hazard,
Saturday Classes.
Pupil of St. Louis School of Fine Arts.
Edgar Julien Bissell,
*Portraiture and Still Life.*
Pupil of Boston School of Fine Arts, Boulangér and Lefebore.

George Julian Zolnay,
*Modeling and Sculpture.*
Graduate of the Imperial Academy of Fine Arts, Vienna.

Cordelia Taylor Baker,
*Bookbinding.*
Pupil of Louis Kinder and Cobden-Sanderson of Dore's Bindery.

Emily Schmidt Hutchings,
*Lecturer on History of Art.*
Pupil of the Karolinum, Altenburg, Germany, and Missouri State University.

Carrie Lee Wilkerson,
*Lecturer on History of Bookbinding.*
Pupil of St. Louis School of Fine Arts and Mary E. Bulkley.

Susan D'Arcy,
*Secretary.*

Mary Wilkerson,
*Librarian.*
KARL HENNING ABRAHAMZON, Life, Hawthorne, Wis.
SUZANNE ADAMS, Antique, St. Louis.
EDNA AMREIN, Sketch, St. Louis.
ALBERT S. ALOE, Antique, St. Louis.
MYRON R. ALOE, Antique, St. Louis.
MARTHA J. ARMSTRONG, Antique, St. Louis.
JENNIE ARMSBY, Antique, St. Louis.
ANNA BAKER, Antique, St. Louis.
OLIVE BAKER, Antique, St. Louis.
HORTENSE BAKROW, Antique, St. Louis.
McCLELLAN BARCLAY, Antique, St. Louis.
FRANCES BARKER, Antique, St. Louis.
ESTELLE BARRERE, Antique, St. Louis.
STANLEY BARRERE, Antique, St. Louis.
CAROLINE VAN HOOK BEAN, Antique, St. Louis.
FRANCES BENNETT, Antique, St. Louis.
LUCAS LEE BERGFELD, Antique, St. Louis.
KATHLEEN BENHAM, Antique, St. Louis.
JAMES BERRYMAN, Antique, St. Louis.
MRS. MABEL BLACKMAN, Antique, St. Louis.
DR. V. P. BLAIR, Antique, St. Louis.
TOM BLAKEMORE, Antique, St. Louis.
MRS. E. J. BOHN, Antique, St. Louis.
INA M. BOLES, Antique, St. Louis.
LILLIAN R. BONHAM, Antique, Colorado Springs, Col.
MARGUERITE BREEN, Antique, St. Louis.
HALCYON R. BREWER, Antique, St. Louis.
CARRIE BRIBACH, Antique, St. Louis.
LEE BRINKMAN, Antique, St. Louis.
ALEXANDER BROWN, Antique, St. Louis.
EARL BROWN, Antique, St. Louis.
STELLA BURGESS, Antique, Dowagiac, Mich.
MAY BURRIS, Antique, East St. Louis, Ill.

133
WILHELMINA BUSH, Antique, St. Louis.
FREDERICK G. CARPENTER, Life, St. Louis.
MRS. THOMAS CASEY, Antique, St. Louis.
EDNA CAZORT, Antique, Lamar, Ark.
VIVIAN CAZORT, Antique, St. Louis.
RHODA C. CHASE, Life, St. Louis.
YSOBEL H. CHASE, Antique, St. Louis.
HELEN CHRISTIE, Antique, St. Louis.
MARGARET COLE, Antique, St. Louis.
MRS. H. R. COTTON, Antique, St. Louis.
BLANCH COSTELLO, Antique, Fayetteville, Ark.
CHARLOTTE CRANE, Antique, St. Louis.
MRS. W. D. CUE, Antique, Alton, Ill.
HARDING CURD, Antique, Mt. Vernon, Ill.
SHIRLEY A. CUMING, Antique, Clayton, Mo.
ELEANOR CURLEE, Antique, Rich Hill, Mo.
JOE DAMON, Antique, Wellston, Mo.
KOTARO DOTE, Antique, St. Louis.
CECILE DOSENBACH, Antique, Clayton, Mo.
TOM DOYLE, Antique, St. Louis.
W. K. DUNNAVANT, Antique, Kirkwood, Mo.
MARGERY EBE, Antique, St. Louis.
BEATRICE EIMER, Antique, Wellston, Mo.
MUNROE EINHORN, Antique, St. Louis.
EDNA EMANUEL, Antique, St. Louis.
BLANCH FAULHABER, Antique, St. Louis.
ZIDE FAUNTLEROY, Antique, St. Louis.
JAMES L. FITZGIBBON, Antique, Chicago, Ill.
MIRIANA FOGG, Antique, St. Louis.
FERN FORRESTER, Sketch, St. Louis.
MRS. EMMA W. FRISBY, Sketch, St. Louis.
LUCILLE FUSZ, Sketch, St. Louis.
THERESA A. GARRETT, Life, Louisville, Ky.
MILLIE GOLDBERG, Antique, St. Louis.
BIRDIE GOLDMAN, Antique, St. Louis.
GERTRUDE GOLDSMITH, Antique, St. Louis.
ESTHER GRABINSKY, Antique, St. Louis.
FREDERICK G. GRAY, Life, St. Louis.
DAKOTA GRIMM, Antique, St. Louis.
ELIZABETH HART, Antique, St. Louis.
VERNON C. HART, Antique, St. Louis.
FANNIE HARTMAN, Antique, St. Louis.
ELOISE HARVEY, Antique, Belleville, Ill.
JESSAMINE HOLTENHAUER, Bookbinding, St. Louis.
LAURA HELEMAN, Bookbinding, St. Louis.
FREDERICK HEUSER,
VERONICA HOEHN,
RUTH HOLIDAY,
TULA V. HOUCK,
CORA HOLTHOUSE,
VIRGINIA A. HUBBEL,
AMY ISAACS,
SOPHIE ISAACS,
SELMA JOHANNING,
ANNA L. KASPER,
WILLIS F. KENNEY,
GEO. R. KIRCHNER,
META KIRCH,
RAYMOND KIRCH,
MRS. HENRY KOEHLER,
HERMAN KORTUM,
MARGUERITE KRAIL,
EDWARD KRONDL,
JULIA KURTZ,
MAUD M. LAPHAM,
DORA LEHMAN,
LOUIS F. LELAND,
EFFIE LESS,
MRS. GEORGE C. LEWIS,
HERBERT LER,
AGNES I. LODWICK,
ALLEN V. LONG,
MARGARET B. LONG,
FLORENCE I. LOOK,
VIOLET LEVY,
MRS. EDNA McELROY,
JESSIE MACKLIN,
CHESTER MAAS,
WILLIAM MCKILLOP,
IRIE A. McGUIRE,
MARJORIE MCDONALD,
MINNIE W. MACE,
LILLIAN MAHER,
ALBINUS MANIUS,
DIXIE MANN,
OLIVER MANN,
LUCY C. MEAD,
LULU METZGER,
HERBERT S. MILLER,
HORACE MILLIKEN.

Antique, St. Louis.
Sketch, St. Charles, Mo.
Ceramics, Jennings, Mo.
Life, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Sketch, St. Louis.
Ceramics, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Life, Springfield, Mo.
Sketch, St. Louis.
Antique, Italy.
Sketch, St. Louis.
Antique, St. Louis.
Sketch, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Ceramics, Collinville, Ill.
Antique, St. Louis.
Antique, St. Louis.
Antique, Pierce City, Mo.
Antique, St. Louis.
Antique, Portage de Sioux, Mo.
Life, St. Louis.
Antique, St. Louis.
Life, Kirksville, Mo.
Antique, St. Louis.
Antique, Belleville, Ill.
Life, St. Louis.
Antique, St. Louis.
Antique, St. Louis.
Life, St. Louis.
Ceramics, Little Rock, Ark.
Antique, Granite City, Ill.
Antique, St. Louis.
HEN the Henry Shaw School of Botany was established as a department of the University in 1885, the Chancellor announced that its founder, the late Henry Shaw, preferred to place it in such relation with the largely endowed Missouri Botanical Garden and Arboretum as would practically secure their best uses, for scientific study and investigation, to the professor and students of the School of Botany—a promise fully confirmed in the provisions for the Garden, made in Mr. Shaw's will, so that the Garden is, and will always be, in a sense, the advanced botanical laboratory of the University, in which much of the graduate work is done, and from which material is supplied for the more elementary classes that meet in the University buildings.

As was the case when it was the residence of its founder, the Garden is maintained as an attractive resort for lovers of flowers, and as such, is unsurpassed in this country. In it are cultivated over 11,000 species or varieties of plants, some of them represented by only one or two individuals, and others in large masses. With each piece of investigation that is undertaken, new groups are introduced, or groups already represented are increased to as nearly complete representation as possible; and the interest in such cul-
tures reaches from forest trees and flowers to culinary vegetables, savory herbs, and the fungi that cause diseases of plants or induce the decay of timber. The collections are especially full in such groups as the desert plants—cacti, agaves and yuccas, orchids, palms, bromeliads, sago-plants, ferns and acacias, for several of which special houses are provided, in which the plants are grown, as nearly as possible, in their natural setting.

Among recent additions to the Garden, may be mentioned a small, representative collection of plants used in medicine, which includes some species; a “School Garden” of several hundred species, grouped in natural sequence, for the special use of nature-study classes; and a collection of about five hundred species of exclusively North American plants, similarly arranged, for the reception of which a tract of twenty acres of ground has been specially graded and provided, with drainage and water supply.

A necessary adjunct to the living plants is the Herbarium, or collection of specimens, which contains about half a million specimens, representing with particular fullness the North American flora, but also comprising plants from all explored parts of the world. Some were collected more than a century ago, and are still in a good state of preservation, while the yearly growth of the Herbarium is over 30,000 specimens, mostly representing current collections in this and foreign countries. Like the living collection, the Herbarium is fullest and most valuable in those groups which have been especially studied at the Garden, and the Herbarium of Engelmann, and the director of the Garden, which are included in it, contain many type sheets of inestimable valuable.
The library of the Garden is one of the largest American botanical libraries. In addition to works on all of the departments of Pure Botany, including native and foreign floras, plant geography, physiology and more, it contains the principal journals and proceedings of learned societies in which botany finds occasional place, treatises on horticulture, forestry, gardening, landscape art and materia medica, and allied sciences as entomology and plant chemistry. It now contains nearly 20,000 volumes and 22,000 pamphlets, classified by subjects, so as to be readily used, and about 2,000 numbers are added to it each year. By means of purchases and extensive exchange system, it receives the principal current serial publications, to the number of something over 1,100; and one of its most interesting features is a collection of nearly 1,000 works, published before Linnaeus's "Species Plantarum," in 1753, formed the foundation of modern botany. The ample endowment of the Garden has made it possible to complete the library, so far as works are procurable by purchase, in any direction in which special investigation is undertaken, and it is the policy of the Garden to loan books to investigators who cannot come to St. Louis to use them, whenever this can be done safely or without impairing the usefulness of the library for reference in the course of work being done on the grounds.

The use of the library is facilitated by a full catalogue and over 300 index cards referring to various subjects on which it is frequently consulted.

Under the provisions of Mr. Shaw's will, the director of the Garden is the head professor of the school of botany of the University, and like the remainder of the Garden staff, he devotes a part of his time regularly to research, for the publication of the results of which the Garden issues an annual report which is referred to by capable reviewers as a model publication of its class. Though not needed for elementary undergraduate instruction, all of the experts centered at the Garden are willing and anxious to give what
assistance and guidance they can to advanced students, and most
of the work done in the graduate school of botany is done at the
Garden under their supervision.

Though outside of the direct University interest in the Gar-
den, a provision of its founder for the preparation at it of trained
and educated gardeners, has led to the establishment of a unique
course of study and manual work for such pupils, which brings her
yearly a small number of earnest young people from various parts
of the country, who receive a certificate of proficiency in the theory
and art of gardening on the completion of the requisite years of
resident study. One Japanese student has also been enrolled for
this work and another sent by his government for that purpose is
now on the ground intending shortly to begin the regular class
work.