Catalogue

2nd International Exhibition of Botanical Art & Illustration

20 October 1968 to 15 April 1969

Compiled by
George H. M. Lawrence

THE HUNT BOTANICAL LIBRARY
CARNEGIE-MELLON UNIVERSITY
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20th Century Botanical Art at
The Hunt Botanical Library

This Catalogue of the 2nd International Exhibition of 20th Century Botanical Art and Illustration, staged by the Hunt Botanical Library of Carnegie-Mellon University, is believed to report the most comprehensive collection of its kind yet assembled. With a few exceptions, every item shown and reported is from this Library's permanent collection, and all items have been acquired since January 1964. The first International Exhibition opened here 6 April 1964. Its Catalogue is the first publication known to feature contemporary botanical artists and illustrators, and accounted for 71 artists from nine countries and for 241 items of their work. The present Catalogue accounts in greater detail for 362 items by 126 artists of 26 countries.

Rachel McMasters Miller Hunt (1862-1963), founder of this library and its co-donor, with her husband Roy A. Hunt (1881-1966), devoted much study and interest to the development of her collection of botanical art. She set as her admirable although unattainable goal the acquisition of at least one original work by every artist whose work was notable in the books of her botanical library. In view of today's market of short supply and high cost it is fortunate that she focused her interest on representative botanical artists of the 16th through the 19th centuries; a collection that numbers more than 450 individual paintings and drawings by some 105 persons, a figure not including albums of some 2,000 originals by eight other artists. She included comparatively few items of 20th century origin.

This library has augmented Mrs. Hunt's collection substantially since 1960, and primarily with works of the 20th century. The decision to concentrate on the present period followed a survey made by us in 1962, one that showed no botanical or other center in America or Europe to be collecting seriously, original work by contemporary botanical artists and illustrators. Moreover, this survey showed that, as a matter of publisher's policy, some original work, was destroyed once reproduced. For some artists those were the only originals they ever produced!

These studies led the Hunt Botanical Library to establish itself as an international repository for the collection and preservation of original examples of contemporary botanical art and illustration. Thus, it is an archival collection. It seeks to do this for those 20th century artists whose work is known to fit within our acquisition policy: (1) that the item be sufficiently botanical as to be identifiable as to its genus, and (2) that the artist have had some work reproduced in one published form or another. Within these broad limits, it actively solicits original works from world-
wide origins. It is this library's objective to have every publishing botanical artist and illustrator represented by a few items of original work. The degree of artistic or illustrative quality of the artist's work is not of itself a deciding factor in its acquisition; such judgment is not the function of the archivist. Given the choice, however, this library does not necessarily exhibit items that would be a discredit to the artist or fail to generate some professional or public interest.

Broad definitions guide this library in the circumscription of what is botanical art or illustration and of what comprises publication. It is not always possible to judge today what or whose works may be important tomorrow. Moreover, it is only through comparison of the original work with its published reproduction that one may determine if the latter has suffered for mechanical reasons, or if the reproduction technique itself was unsuited to meet expectations. Contrariwise, the reproductions of some original work are marked improvements over their originals.

A work is held to be an original when it is the handwork of the artist. It is usually a drawing or a painting, but also it may be any one of several art forms where the artist by his hand produces copies, such as lithographs from a stone, serigraphs from a silk screen, or linocuts, woodcuts, or such hand-produced prints as etchings and engravings.

A work is considered to have been published if it has been mechanically duplicated in any way: printed in a book, periodical, newspaper, or catalogue, reproduced as a postage stamp, a textile print, tapestry, or wallpaper design, distributed as a greeting card or decorative notepaper. Likewise it is considered to have been published if it is one of a set of prints pulled by hand from a common plate or block, in which case each print is both an original (usually signed and often numbered and dated), and a published work.

A work is considered to be botanical if it or its featured subject is sufficiently representational to be identifiable as a member of a particular genus of plants (e.g., as an iris, a pine, or a cherry). It can be a still-life painting of fruit or flowers, a garden scene, a mushroom, a moss, or a bread mold. Under some circumstances it can be a grain of pollen, a chromosomal configuration, or a technical anatomical drawing of identifiable tissue.

The term "art and illustration" as applied to this collection em-
braces all work regardless of medium or type. It may range from the artistic to the illustrative, as exemplified by the reproduction of Elsa Felsko’s Crown imperial (Fritillaria imperialis) on the cover of this Catalogue, and by the analytical drawing by Stella Ross-Craig of the orchid Bulbophyllum tremulum on the following page (see also nos. 286 and 287 in this Catalogue for her water color portraits). To many persons the term art evokes the vision only of the purely decorative treatments, i.e., the set piece as developed by the 17th century masters and produced ever since. While there are some such works of the earlier centuries in this library’s collection, and a few of the 20th century are in this exhibition, the number is not great. This is true because today’s costs of the earlier ones are often beyond our reach, and because many of recent origin are by artists whose work is not known to meet our requirement that some of it be reproduced or published in one form or another.

Botanical and horticultural illustration, in contrast to botanical art, must satisfy the requirements of the author for whom it is prepared or of the editor of some publication. It may range from the diagrammatic to the pictorial, but it must be a work of technical accuracy for it serves the utilitarian function of description— that is, it usually complements or supplements a text. It is essentially a description in graphic form of some botanical or horticultural subject. It must be accurate, but it may vary widely from the almost diagrammatic representation used so effectively by Aline Hansens (p. 109) to a three-dimensional rendering of such detail as to be most realistic (see Albert Cleuter’s Alchemilla, p. 53). In its more complete form, and usually when drawn as an aid for the technical identification of a given species of plant, the botanical illustration provides a habit view of the plant itself plus details of dissected parts, all essential to distinguish that plant from a relative. Accuracy in a botanical illustration made for scientific use requires that diagnostic figures include a notation of the degree of each enlargement or reduction shown for the plant. In the center of Miss Ross-Craig’s plate are shown six plants of various growth stages, surrounded in logical sequence by enlarged details of the flower and its dissected organs. It presents to the botanist with graphic clarity and precision the many diagnostic features that otherwise would require many lines of text in highly technical language, to describe.

The strictly botanical but very realistic illustrations by Albert Cleuter, of Brussels (p. 53), and of Nicolas Hallé, of Paris (p. 107), were made by the very time-consuming and difficult
Bulbophyllum tremulum Wight

1. habit of plant (×1); 2. flower, front view (×3); 3. petal (×10); 4. flower, sepals removed (×10); 5. column & base of labellum (×10); 6. column, front view (×10); 7. anther-cap (×16); 8. pollinia (×16).
stipple technique, and display great accuracy of detail. In technical works that treat plant anatomy, the illustrations may be relatively uninteresting to the layman, yet demand maximum skill to produce if the tissues and internal structures are both graphic and accurate. This is exemplified in Martin Zahn's drawings of horse-chestnut fruits and their germination (p. 255).

Botanical illustrations are most realistic when painted and reproduced in full color. A leading American specialist is Anne Ophelia Dowden, whose selections from her book *The Secret Life of Flowers* are shown here (p. 73). Fleshy plants illustrated in color are more easily visualized than when shown in black and white line. This is especially true for mushrooms: see Caspari's *Boletus* (p. 45), Lexa-Regéczs's *Amanita* (p. 145) and Poluzzi's *Boletus* (p. 193); and it is true for succulents in general, such as the cacti of Pia Roshardt (p. 211), and Peter Bally's *Monadenium* (p. 25). An extreme of color's effectiveness in a botanical illustration is to be seen in Sylvia Kasubski's water color of a magnification of three pollen grains (p. 127).

It becomes a moot point if one should identify as botanical art or as illustration the flower and plant illustrations prepared especially for postage stamp designs. Here the design is laid out in large scale, in the knowledge that it will be reduced to one-tenth or one-twentieth of its original size. Only skill and experience tells the artist how much can be included and in what detail for so great a reduction. Those paintings and resultant stamps by Karel Svolinský of Prague (p. 233), and by Carlos Riefel of Austria (p. 203), and Pia Roshardt of Switzerland, are prized internationally as among the finest examples of philatelic art; it is equally interesting to compare the original water colors of orchids by Rafael Rodriguez of Costa Rica (p. 207) and by Mariana Ospina of Colombia (p. 187), with the reproductions of each, as shown respectively by the panel of Costa Rican stamps and by the Colombian stamp. Studies by Gesina Threlkeld, of Washington, D. C., for a set of four flower stamps now authorized for issue in 1969 by this country are represented here by preliminary designs (p. 237).

More remote from the popular conception of botanical art are the paintings and drawings made for textiles, wallpapers, greeting cards, commercial, or calendar art. For examples of these one may study the works by Annie Bergman (p. 31), Allen Boucher (p. 37), Leslie Greenwood (p. 95), Nanae Ito (p. 119), Bibbe Lindström (p. 151), Marian Mastick (p. 163), and Zona Wheeler (p. 253).
With a few notable exceptions wildflower books are most often, and with great effectiveness, illustrated from water color portraits. Unusual is the color photograph that surpasses in all respects an accurately rendered painting. Many works of wildflower portraiture appear in this exhibition, among them items by Fay Anderson of South Africa (p. 21), Kaj Beckman of Stockholm (p. 27), Ruth Brede of U.S.A. (p. 39), Vera Csapody of Hungary (p. 55), Mary Devlin of Western Australia (p. 63), Susan Dodson of British Colombia (p. 69), Niki Goulardis, and Electra Megaw of Greece (pp. 91 and 171), Elsa Felsko of Germany (p. 81), Cythna Letty of South Africa (p. 143), Dagny Lid of Norway (p. 149), Henry Mockel and Henry Evans of California (pp. 173 and 75), Marcia Norman of Cape Cod, Massachusetts (p. 183), Staffan Rosvall of Sweden (p. 215), Stanley Seagrief of Rhodesia (p. 223), and Annemarie Tröger of Berlin (p. 241).

Illustrators of botanical, gardening and horticultural works also prefer, when given the choice, to work with water color; see exhibited items by Cynthia Newsome-Taylor (p. 179), Priscilla Fawcett (p. 79), Wilhelmina Greene (p. 93), and Marion Sheehan (p. 225). Others important in this field but limited to their medium by publisher's restrictions are better known for their work in pen and ink; see that by Andrew R. Addkison (p. 17) and Dorothy Park (p. 189).

The work of the printmaker lends itself to illustration requirements, and here one finds the woodcuts of Elfriede Abbe (p. 13), and Joseph Domjan (p. 71), the wood engravings of John Farleigh (p. 77), Boyd Hanna (p. 109), Clare Leighton (p. 141), George Mackley (p. 153), Karin Persson (p. 189), the linocuts of Henry Evans (p. 75), and the etchings by Calle Jonzon (p. 123).

As was true for the Catalogue of the 1964 Exhibition, this one features the artist and illustrator as a person. It features accomplishments by citing works where reproductions of that person's brush, burin, or pen may be found, and it stresses the fact that there is at work today a considerable body of artists and illustrators for whom plants and flowers are the primary subject matter of their profession.

The current exhibition is of work acquired since January 1964. Fourteen of the included artists were represented also in the 1964 exhibition and are repeated here with some of their later productions. A list at the end of this Catalogue reports those persons whose work was shown in 1964 but who are not included in this exhibition. This listing, plus the account of the present
exhibitors, provides a reasonable complete record of persons whose work—among 20th century artists—is included in our holdings.

In addition to reporting in some detail the scope and character of this library's primary acquisition program, this Catalogue serves also to bring to the attention of artist, illustrator, author, publisher, and private collector the library's role in the assemblage and preservation of these materials. The educational service of this library is furthered by an interrelated policy to acquire whenever possible the reproduction of an original in its collection. This enables students in the fine arts and the graphics to compare critically the original with the reproduction and to evaluate both the techniques used and the compatibility of one with the other. To this end the library collects not only books and journals containing these reproductions, but also fabric and wallpaper "repeats," greeting cards and notepapers, wall charts for laboratory instruction, and any other form of reproduction of an artist's work.

Future students of the history of 20th century art and illustration will find in the library's collections reasonably good biographical records for all persons whose work is in this collection. This includes not only the usual curriculum vitae data, but one or more photographs of the individual, news clippings about the person, reports of one-man or other exhibitions, of sales and auction records, together with bibliographic citations of works each has illustrated, of awards and honors received, and accounts of other institutional holdings of that artist's work. Contact is maintained over the years with "our" artists and each is encouraged to supply us with continuing reports so that our biographical records may be current.

Botanical artists and illustrators whose work, or whose record of activity, is not known by them to be in this collection are invited to take steps to assure that they are represented. This is not a collection "by invitation only" but rather an archive where some examples of work and associated biographical and photographic material are sought of every artist and illustrator whose botanical work has been published in some place, at some time, in some medium. Other persons possessing correspondence of a biographical nature, or any biographical material or photographs of botanical artists or illustrators of any period of time are invited to deposit them here for preservation and future availability.
Acknowledgments

The works displayed in this exhibition, and accounted in this Catalogue, are under the custodianship of John V. Brindle, Curator of Prints and Exhibits at this library. The preparation of the display has been his responsibility. He has given me great assistance in planning and compiling this Catalogue. It is my pleasure and expression of indebtedness to acknowledge with gratitude the very considerable effort he has given to these details and to the entire production.

Notices of botanical work in this exhibition have come to us from sources and persons too numerous to mention. A few, however, have contributed so generously of their time and effort that special thanks are extended to them. They are: Dr. Paul Aellen of Basel, Harry Blossfeld of Rio de Janeiro, Mrs. Cythna Letty Forssman of South Africa, Prof. Theo Eckardt of the Botanischer Gartens und Museum, Berlin, Ralph E. Griswold now of Williamsburg, Va., Dr. Mildred Mathias of the University of California, Los Angeles, Miss Birgitta Norden-Pettersson of Stockholm, Dr. E. G. H. Oliver of South Africa, Paul Standard of New York City, Sir George Taylor of the Royal Botanic Garden, Kew, Mrs. Madeline Wright formerly with Hallmark Cards, Dr. A. Günther Buchheim, Dr. Helmut Dolezal, and Mrs. Nina G. Smith of this library's staff.

Many artists have contributed their work, thus assuring its preservation for posterity. Some have arranged for its purchase at prices well below market values. Others have arranged that their work be here on one or another type of loan arrangement. Without this support, some of the finest pieces in the exhibition would have been denied us. Our gratitude for all assistance received is freely acknowledged. Several institutions have generously lent original drawings from their collections. In some instances the loan is of indefinite duration, in others for the period of this exhibition. The cooperation thus exemplified is here reported and acknowledged with deepest thanks.

George H. M. Lawrence

25 September 1968
Explanatory Notes

The works in this exhibition are presented alphabetically in this Catalogue by the name of the artist. Each item has its own sequence number.

Inasmuch as the subjects are primarily plant portraits, the Latin name of the plant is followed by the common name in parentheses. When a Latin name given by the artist on the original drawing differs from that now accepted for the plant, the former is treated as a synonym and is enclosed by square brackets.

Most items in the exhibition are matted. When shown unmatted, the size given is for the sheet or for the composition on the sheet, as reported. Sizes are reported in inches. The dimension of the height is followed by that of the width.

It is of interest to many persons to know if an item is signed or not, and if dated or not. These are reported. No distinction is made, however, between the artist's use of a monogram or initials, and of the full name. The date of the drawing is given when it appears on the original. If not dated, the known or approximate date is given in square brackets.

When the item is known to be the original used to illustrate some published account, this is noted by the introductory phrase -- "Reproduced in ..." The full citation of such works is given in the biographical account of the artist, on the facing page.

The number of items in the exhibition is greater than can be accommodated on the main floor of the Hunt Botanical Library. Some, but not all, of the work of a few artists is shown in the Fine & Rare Book Rooms of the 4th floor. Those are identified by an asterisk (*) in front of the name of the item.
ABBE, Elfriede Martha


Specialty: sculpture in wood and marble, wood engraving, fine printing illustrated with own woodcuts; especially interested in botanical illustration.


Work by Elfriede Abbe

1. **Agaricus** sp. (Horse mushroom)
   2-color wood engraving, red and black inks on beige paper.
   Composition 4-7/8 × 4-7/8.
   Signed, undated [ca. 1967].

2. **Coprinus** sp. (Ink fungus)
   2-color wood engraving, black and white inks on gray paper.
   5-1/2 × 4-1/2. Signed, undated [ca. 1967].

3. **Morchella** sp. (Morel)
   2-color wood engraving, brown and green inks on yellow paper.

4. **Lepicta** sp. (Parasol fungus)
   2-color wood engraving, black and white inks on white paper.
   9 × 5-1/2. Signed, undated [ca. 1967].

All from: Abbe, Elfriede - Mushrooms (a portfolio of 10 colored wood engravings).

Other works in the HBL collection:

A set of 50 signed prints (dated 1962) reproduced in Abbe, The plants of Virgil's Georgics (1964), and the wood block of *Arbutus unedo* from that work.

A signed print and the original wood block of two plates in Garden spice (1954).
ADAMS, [Moulton] Lee

Born, Jacksonville, Florida, 15 July 1922; majored in biology at the University of North Carolina and graduated from Rollins College, B.A. 1945, and was awarded the Rollins College Decoration of Honor (a gold medal) 1965. During the period 1945–1956 he travelled through much of tropical America compiling folios of water color portraits of tropical fruits under the initial direction of the late David Fairchild (1876-1954) and, later, of Mrs. Fairchild. A veteran of more than 65 one-man shows, and several annual shows of the American Watercolor Society, Lee Adams is the producer of more than 1,100 paintings of botanical and ornithological subjects, and is accepted as this country's outstanding artist for the portraiture of tropical plants. His suite of 20 palm portraits at the Fairchild Tropical Garden brought him that Garden's Robert H. Montgomery gold Palm Medal. Married in 1949, he operates today, with his wife and three children, an 1800-acre pine-timber ranch near Jacksonville, while continuing as a free-lance artist in tropical botany and ornithology. Address: 4243 St. Johns Avenue, Jacksonville, Fla., 32210.

**Specialty:** water color portraits of tropical plants and birds, murals of tropical scenes.

Work by Lee Adams

5  *Litchi chinensis* (Litchi, or Litchi nut tree)
   Signed, undated [1968].

6  *Lucuma nervosa* (Canistel, Egg fruit)
   Water color. 27 × 20-1/4.
   Signed, undated [1968].

Other works in the HBL collection (all water color, natural size):

*Bougainvillea glabra* (*Bougainvillea*)
*Persea americana* (*Avocado*)
*Petrea volubilis* (*Queen's wreath*)
ADDKISON, Andrew Roy

Born, Jackson, Mississippi, 5 December 1926. Graduate of the School of the Art Institute of Chicago, B.F.A. 1951. Engaged as a professional interior designer 1951-68, he is currently Chairman of the Environmental Design Division, California College of Arts and Crafts, Oakland, Calif. He is Co-chairman of the National Committee on Education, American Institute of Interior Designers (1966 to date).

Andrew Addkison's accomplishments as an illustrator of numerous horticultural books reflects an avocational interest of long standing and his friendship with the author, Mr. Jack Kramer. Arrangements have been completed for all of the drawings reproduced in these works to be deposited at the Hunt Botanical Library on an indefinite loan basis. Address: 350 Molino Ave., Mill Valley, California.

Specialty: interior designer, and horticultural illustrator by avocation.

Work by Andrew Addkison

7 *Begonia rotundifolia*


8 *Trichopilia suavis*


Other works in the HBL collection:

3 ink drawings of *Flowering and foliage house plants* (1967); 1 of *Begonias* (1967), 1 of *Growing orchids* (1963).
ALEXANDER, Joyce M. Y. T. (Mrs. Dorsey P.)

Born, Pepin, Wisc., 31 March 1927. Studied at the College of Arts and Crafts (Oakland, Calif.) and the Academy of Art (San Francisco). Since 1963 she and her husband, a professional calligrapher and designer, have together produced many works with the drawings (often botanical) by Joyce Alexander and the calligraphy by Dorsey P. They operate a small highly personalized advertising agency in which the work runs the gamut of the art field, from stationery and brochure design to floral murals for salesrooms walls. In their own publications they attempt to unify lettering and illustration much as it was done in early manuscripts with the difference in time reflected by an alteration of style. Address: 2820 Telegraph Ave., Berkeley, California.

Specialty: commercial illustrator, often utilizing botanical and floral motifs.

Work by Joyce Alexander

9  *Anagallis arvensis*  (Common or Scarlet Pimpernel)
   Pencil, black ink, and water color on gray-brown board.
   Dorsey P. Alexander.

10  *Vinca major*  (Large Periwinkle)
ANDERSON, Fay (Mrs. Richard Geary-Cooke)

Born, Lahore, Pakistan, 9 December 1931. Educated in India and England, and received the Diploma of Fine Arts from the University of Cape Town in 1955. She has travelled in Europe, Africa, Asia, and Australia, and in 1961 married Lieutenant-Commander Geary-Cooke, RN (ret.), who now is with Plessey S.A., electronic equipment manufacturers. She and Commander Geary-Cooke live in Cape Town with their 7-month old daughter, Emma Louise. Miss Anderson’s avocational interests include gardening, needlework, mountain hiking, and study of the early Italian Renaissance. Address: 2 Haslemere, Pine Road, Kenilworth, Cape Town, South Africa.

Specialty: botanical artist, specializing in water colors of the flowering plants, and particularly the orchids, of South Africa.


Work by Fay Anderson

11 *Protea neriifolia*


Note: the terminal head-like inflorescence, with its many showy and leaf-like bracts, contains many flowers inside it. The plant is a South African shrub, now cultivated in southern California, and grows to 5-8 feet high.
ANGEL, Marie Felicity


Specialty: calligrapher, manuscript illuminator, botanical artist (British flora).

Work by Marie Angel

12 **Crocus tommasinianus**


13 **Digitalis purpurea** (Fox-glove)

Signed and dated 1968 on reverse (other data as for No. 12).

14 Floral letter H. Flowers are:

- **Fritillaria imperialis** (Crown imperial)
- **Trillium grandiflorum** (White trillium)
- **Linnaea borealis** (Twin-flower)
- **Convallaria majalis** (Lily-of-the-valley)


Other works in the HBL collection:

- **Armeria maritima** (Thrift). Data as for No. 12.
- **Lavandula spica** (Lavender). Data as for No. 12.
- Floral letter H. 4-3/4 × 4-1/4 (water color).
- **Convolvulus arvensis** (water color) dated 1955.
- **Primula auricula** (water color) dated 1956.
BALLY, Peter René Oscar

Born of Swiss parents in Mannheim, Baden, 9 May 1895. Mr. Bally studied chemistry and natural history at the universities of Geneva, Munich, and Zürich. After pursuing a variety of occupations he was attracted to botany and has devoted the major part of his life to studies of the East African flora.

Gifted and self-trained as an artist, he has not only illustrated his own botanical publications but also those of other authors. From 1933-37 he engaged in ethno-botanical studies and collected native medicinal plants in northern Tanzania; from 1938-58 he was botanist and head of the herbarium of the Coryndon Memorial (now National) Museum in Nairobi, Kenya. Since 1958 he has been engaged in research on the flora of tropical East Africa, with headquarters at the Conservatoire Botanique de l'Université de Genève, Geneva. As a botanical monographer he has concentrated his efforts on the Euphorbiaceae (the succulent Euphorbiae, Monadenium, Synadenium) and on the Stapeliaceae and the Ceropegiae in the family of Asclepiadaceae. Address: Conservatoire Botanique de l'Université de Genève, 192 Route de Lausanne, 1202 Geneva, Switzerland.

Specialty: taxonomic botanist and botanical artist. While the majority of his botanical illustrations are in water color, he works with equal facility with pen and ink.

Work by Peter R. O. Bally

15 *Monadenium majus*
   Water color. 9-1/4 × 7.
   Signed, dated 1954.

16 *Monadenium stapelioides* var.
   *congestum*
   Water color. 9-1/4 × 7-1/2.
   Signed, dated 1948.

*Shown below are reproductions of these originals, from Bally, The genus Monadenium* (1961).

Other works in the HBL collection:

- *Aloe hemmingii*
- *Monadenium reflexum*
- *M. trinerva*
- *Trichocladus ellipticus*
- Succulents, Plate for Jex-Blake (1957)
- *Sansevieria pinguicula*
BECKMAN, Kaj (Mrs. Per)

Born, Enköping, Sweden, 2 February 1913. Trained at the Konstfackskolan (School of Fine Arts), Stockholm 1931–35, and at the Konstakademiens Grafiska Skola (Graphic Arts Institute, Academy of Arts), Stockholm. Mrs. Beckman, as an artist and book illustrator, has shown special interest in natural history, and particularly in depicting botanical subjects. Some of her finest work has been pencil drawings, although she is equally at home in the medium of water colors. Address: Minerva, Drottningholm, Sweden.

Specialty: botanical illustrator of books.

Work by Kaj Beckman


19 *Papaver dubium* (Common poppy, Scarlet poppy)

20 *Colchicum autumnale* (Autumn crocus)

21 *Zea mays* (Maize, Indian corn)

22 *Allium cepa?* (Onion)

Nos. 19–22 are reproduced in Hjorth, H. - *Flora poetica exotica*. Stockholm, [1967]. Originals of all plates of this volume are in the HBL collection.

*Items so marked (*) are exhibited in the Hunt Library, Fine & Rare Book Rooms, 4th floor.*
BELL, Léonie Hagerty (Mrs. Louis)


Mrs. Bell's artistic talents were first recognized by a botanist when an assistant to Dr. Ruth Patrick, algologist at the Academy of Natural Sciences, Philadelphia. Her first work as a botanical illustrator was for Professor Edgar T. Wherry, making drawings of Phlox specimens. This led to completing 180 ink drawings of weeds for Dr. John Fogg, and then to work at the Barnes Arboretum. Since then she has established herself as an illustrator of American horticultural books. Her professional accomplishments are all the more remarkable when it is realized that she and her husband (executive in a Philadelphia savings and loan association) are the parents of 7 children aged 7 to 21.

Specialty: botanical illustration for horticultural and gardening publications, mostly in pen and ink, and in pencil.

Work by Léonie H. Bell

23 **Rosa** Climbing 'Crimson Glory'
Ink drawing. 11-7/8 × 8-1/2.
Signed, undated [ca. 1956].
Reproduced in *Roses for pleasure* (1957).

24 *Tilia cordata* (Linden)
Pencil drawing on tracing paper.

25 *Citrus sinensis* 'King' (Common or Sweet Orange)
Pencil drawing on tracing paper. 4-3/4 × 3-1/2.
Initialled, dated 1960.

26 *Rosa chinensis* var. minima (Fairy rose)
Pencil drawing on tracing paper. 5-3/4 × 3-1/4.
Initialled, dated 1960.

Nos. 24-26 reproduced in Wilson, H. V. P. & Bell, L. - *The fragrant year* (1968). Lent by Mrs. Bell.
BERGMAN, Annie

Born, Liége, Belgium, 15 December 1889. Studied at the Royal Academy of Art, Stockholm 1908-12, and in Germany, Italy, and Paris 1913-14, including attendance at the Académie de la Grande Chaumière (Paris). Although Miss Bergman formerly specialized in portrait and landscape painting, her interests of recent decades have been in book illustration and portraits of flowers and of flower arrangements. Her earlier work was in oils and water colors, but since then an international reputation has been established by her work with wood- and linocuts. Her originals are in the Albertina Museum (Vienna), Cabinet de Gravures (Brussels), Arts Décoratifs (Paris), the National Museum (Cracow), and the larger museums of Sweden. She was Secretary of the Grafiska Sällskapet (Swedish Society for the Graphic Arts) 1933-41, and President 1942-44. Address: Brahegatan 12, Stockholm O, Sweden.


Photo by Åke Udmark
Work by Annie Bergman

27 Convallaria majalis (Lily-of-the-valley)
Woodcut, printed in green ink on cream paper. Composition 4 × 3-1/4. Initialled on block, undated.

28 Pritillaria meleagris (Checkered-lily or Snake's head)
2-color woodcut. Composition 6 × 4-3/4. Initialled on block and signed, undated.

29 Epilobium angustifolium (Fireweed, giant willow-herb)

30 Rosa sp.
2-color woodcut. Composition 4-1/2 × 3-1/4. Initialled on block, undated.

Other works in the HBL collection:
Habenaria bifolia (3-col. wdct.)
Heracleum sp. (pencil and crayon sketch)
Lathyrus perennis & Agrimonia sp. (3-col. wdct.)
BERNE, Gerda (Mrs. Ellis J.)

Born, Stuttgart, Germany, 19 December 1924. Holds a degree in botany from the Landwirtschaftliche Hochschule, Univ. Hohenheim 1944. Botanical artist for Prof. G. Lakon (Univ. Hohenheim) until emigrating to the United States in 1946. With her husband, a psychologist with the U.S. Navy, they have 3 daughters (aged 5, 10, and 13). Address: 9209 Whitney Rd., Silver Spring, Maryland.

HATTAL, Rita (Mrs. Alvin M.)

Born, New York City, 5 March 1930. Trained at Fashion Institute of Technology (New York), and formerly a successful textile and fashion designer. With her husband, an advertising and public relations executive, they have 2 sons (aged 11 and 14). Address: 9109 Walden Rd., Silver Spring, Maryland.

Berne and Hattal, masters of the floral collage, formed a partnership in 1966 named the Botany Arts Studio. Their collages are artistic productions made from pressed and dried flowers, fruits, and foliage, sometimes bleached, sometimes exotically colored, in combination with oil paints and acrylic polymers. Their work, reported in magazine accounts and newspaper Sunday supplements, has attracted considerable interest in the variety of botanical materials and for the artistic arrangements.


Photo by Singer
31  Floral "collage"


Botanical material embedded: Dryopteris sp. (fern), Cornus florida (Flowering dogwood), Oxalis montana (Wood sorrel), Glechoma hederacea (Groundsel), Delphinium ajacis (Larkspur), Rosa sp.
BLAKELY, Dudley Moore

Born, Harriman, Tennessee, 13 October 1902. The versatility of Dudley Moore Blakely as an artist, museum exhibit designer, and medalist is well known among museum directors, here and abroad. Among the many exhibits designed and executed by him are the Hall of Plant Ecology, Cranbrook Institute of Science (Michigan), the design of two halls for the Boston Museum of Science - natural history, and atomic industry and science, and the Akeley African Hall, American Museum of Natural History (New York). For the Government of Tonga he designed the first set of coins issued by that country, and for the Franklin Mint (Yeadon, Pa.) has designed three of its recent medals. He has completed the designs for the proposed Health Museum, of the Bishop Museum, Honolulu. In 1953 he was honored by election as a Fellow of the Royal Society of Arts (Great Britain). His work as a botanical artist is largely avocational or subordinate to the many botanical paintings embodied in his museum exhibit sets. Address: 1450 Mokulua Drive, Kailua, Hawaii.

Specialty: artist, designer, medalist, especially the design of natural history exhibits.

Work published in: museum literature (post cards, brochures, descriptive catalogues) pertinent to natural history exhibits designed by Mr. Blakely, and in the several medals struck from his designs.

Photo by Tiki
Work by Dudley M. Blakely

32 *Monarda fistulosa* (Wild bergamot)

Many of Dudley Blakely's original flower portraits are at the Cranbrook Institute of Science, Bloomfield Hills, Michigan.

No. 32
BOUCHER, J[oseph] Allen


A textile fabric designer from 1960-68, he produced mill work strike-off patterns at Dartmouth Finishing Co., New Bedford, Mass., and "doubled in brass" for part of this period as Studio Art Director for Stratford Mills, Inc. (New York). During these years he devoted free hours to drawing and painting all forms of nature, particularly of plants and flowers. The demand for his work, by a growing clientele, developed to the level that, in 1968, he resigned from his textile design work and now devotes full time as a free-lance artist, working primarily in pen and ink, water colors, and oils. His work is widely known in New England and adjoining New York, largely through the many exhibitions in which it has been shown. Address: 3396 Wayne Ave., Bronx, New York.

Specialty: oil and water color paintings of natural history subjects.

Work published in: Scores of fabric designs and decorative papers. Is currently illustrating a work by Worth Publishers with figures of plants and gardens.
Work by J. Allen Boucher

33  *Anemone coronaria* (Poppy-flowered anemone)

34  *Tulipa gesneriana, Chrysanthemum leucanthemum*
    (Tulip and daisy)
    Cotton.  3-color prints.  Stratford Mills, Inc.

35  *Tulipa sp.* (stylized)
    Cotton black on white.

Textiles with floral designs by Allen Boucher are exhibited in the Hunt Library Fine & Rare Book Room, 4th floor.

Other works in the HBL collection:

Numerous fabrics reproducing floral designs, manufactured by Stratford Mills, Inc.

No. 33
BREDE, Ruth Powell (Mrs. Alexander)

Born, Kansas City, Kan., 23 August 1894. Student at Pomona College 1912-14, graduated from University of California (Berkeley) A.B. 1916, Radcliffe College M.A. 1918; certificate Language School, University of Nanking 1923.

During the period 1923-60, Mrs. Powell was active as an illustrator of many botanical works. A substantial suite of her original water color paintings of flowers is at the Cranbrook Institute of Science, Bloomfield Hills, Mich. Her work has been exhibited at the International Printmakers' Exhibition, Los Angeles 1928, Northwestern Printmakers' Exhibition, Seattle 1929, Mt. Pleasant State Teachers College, Michigan 1930, Cranbrook Institute of Science 1953. Much of her botanical illustrating work has been avocational or free-lance, and during the same period she has been active also as a social worker and in the International League for Peace and Freedom. Address: 2301 Shankin Drive, Walled Lake, Michigan.

Specialty: botanical illustration, pen and ink and water color.

Work by Ruth P. Brede

36  **Campanula rotundifolia**  
    (Harebell)  
    Water color. 12 × 7-1/4.  
    Signed, undated.
BUCHERT, Ilse (Mrs. Alexander Nesbitt)

Born, Frankfurt am Main, Germany, 6 September 1932. Grew up in Japan, studied at the universities of Frankfurt and Heidelberg, and later at art schools in Hamburg and Berlin. Instructor in Typography and Book Design, Rhode Island School of Design 1961-65; partner with her husband in The Third & Elm Press. Address: The Third & Elm Press, 29 Elm St., Newport, Rhode Island.

Specialty: woodcuts and drawings of herbs and other plants, decorative paste endpapers with botanical motifs.

Work by Ilse Buchert

37  *Matricaria chamomilla*  
(Wild chamomile)  
Woodcut, proof. 10 × 7-1/4.  
Unsigned, undated.  
Shown in the same frame, lower right, is the block from which this print was made.

38  *Euphorbia* sp.  
Woodcut, proof. 10 × 7-1/4.  
Unsigned, undated.

39  *Urtica dioica*  
(Stinging nettle)  
Woodcut, proof. 10 × 7-1/4.  
Unsigned, undated.

40  *Convallaria majalis*  
(Lily-of-the-valley)  
End paper (pasto-paper) gray-green ... block. Sheet 10-1/4 × 8 (shown folded). Designed for covers of new edition of Peter Schöffler *Kreuterbuch*.

No. 37

No. 39
BURGER, William Carl

Born, New York City, 8 September 1932. B.A. Columbia College 1953, M.S. Cornell Univ. 1959, Ph.D. Washington Univ. (St. Louis) 1961. Assistant Prof. of Plant Sciences, Agricultural College of the Haile Selassie 1st Univ., Dire Dawa, Ethiopia 1961-65; Assistant Curator, Dept. Botany, Field Museum of Natural History (Chicago) 1966 to date.

Dr. Burger, a taxonomic botanist, has illustrated very capably his own publications. His monographic studies have been on the New World Moraceae. He has studied also the flora of Harar Prov., Ethiopia. Address: Dept. of Botany, Field Museum of Natural History, Chicago, Illinois.

Specialty: the botany of the flora of Ethiopia.

Work by William C. Burger

41 Geraniaceae, Plantaginaceae, Dipsacaceae
   1 Erodium moschatum
   2 Plantago lanceolata
      (Buckhorn plantain)
   3 Pterocephalus frutescens

42 Capparidaceae, Cruciferae, Resedaceae
   1 Matthiola (?) erlangeri
   2 Gynandropsis gynandra
   3 Caylusea abyssinica


Other drawings in the HBL collection, also on permanent loan, are:

Figures 69, 71, 72, 73, 74 from the same publication.
CASPARI, Claus

Born, Munich, 11 April 1911. After many years as an art dealer, Claus Caspari concluded that his own untrained talents were sufficient to enable him to do better work than much of what passed through his hands, especially that of natural history subjects. In 1945 he commenced a new career as a painter of plant and animal portraits, and particularly of orchids, mushrooms, and alpine flowers. Acceptance of his work was rapid, both by botanists and the public. A greater sense of realism is given to many of his plates by his skillful inclusion in minute detail of the biotic surroundings in which each subject was found growing. Today his work is in great demand by collectors of botanical art. Address: 8 München 25, Lindenschmitstrasse 45/0, Bavaria, Germany.

Specialty: water color and gouache portraits of woodland animals, alpine wildflowers, orchids, and mushrooms.

Work by Claus Caspari

43 **Boletus aestivalis**

44 **Citrus aurantium ssp. amara**
(Seville orange)

45 **Phragmipedium grande**
(*P. longiflorum × P. caudatum*)

Reproductions of Claus Caspari's work, prints and books, are exhibited in the Hunt Library, Fine & Rare Book Rooms, 4th floor.
CASTELLANO, Carmen

Born, San Miguel de Tucumán, Argentina, 6 December 1913. Awarded a degree in Art Education, Universidad Nacional de San Miguel de Tucumán, 1942.

Miss Castellano is an artist on the staff of the Instituto Miguel Lillo, at the Universidad Nacional, as an illustrator of natural history subjects and as a cartographer. She is best known internationally, and especially to botanists, for her superb plates reproduced in color and black and white in Genera et species plantarum Argentinarum. In that work she prepared also many of the multicolor plant distribution maps. She is also well known in Argentina and southern Brazil for her water color portraits of flowering trees, shrubs and perennial plants. Address: Jujuy 135, San Miguel de Tucumán, Tucumán, Argentina.

Specialty: scientific illustrator, primarily of botanical materials.

Work by Carmen Castellano

46 Heliconia brasiiliensis (Brazilian heliconia)

47 Jacaranda acutifolia [J. mimosifolia] (Jacaranda)

Other works in the HBL collection:
   Pereskia sacharosa (water color)
   Cactaceae (water color)
CHASE, [Mary] Agnes (Mrs. Wm. G.)

Born, Wady Petra (Iroquois Co.), Illinois, 20 April 1869, widowed since 1889. Attended public and private schools in Chicago, studied art at Lewis Institute (Chicago) and at the Univ. Chicago, awarded Hon. D.Sc. Univ. Illinois, 1958, and became the eighth Honorary Fellow of the Smithsonian Institution 1958. She died, while yet active as a botanist, on 24 September 1963.

Mrs. Chase was appointed Assistant in Botany at the Field Museum (Chicago) 1901-03, and then as botanical illustrator in the U. S. Dept. of Agriculture 1903. In 1906 she illustrated and published her first botanical paper on grasses, commencing an unparalleled 60-year career as an agrostologist in government service, and from 1907 until his death in 1936, was associated in the Department with Dr. A. S. Hitchcock. During her long career she studied grasses in most European herbaria and collected them in the field throughout North and South America. It is safe to say that no person has illustrated with technical exactness more kinds of grasses than has the late Mrs. Chase. Notable among her many publications is her small volume written for the beginner, First book of grasses (1922, ed. 3, 1958).

Specialty: taxonomic botanist specializing on the identity of grasses (i.e., an agrostologist), and the illustration of grasses. The major part of her work is pen and ink.

Work by Agnes Chase

48 *Bouteloua megapotamica* (Grama grass)

49 *Bouteloua radicosa*

50 *Bouteloua scorpioides*
Ink drawing. Sheet size 16-1/2 × 11-1/2. (portion removed). Initialled, undated.


Other works in the HBL collection include all original grass drawings by Mrs. Chase that were at the Smithsonian Institution in 1966, and deposited at that time at the Hunt Botanical Library on indefinite loan. The exceed several hundred in number, but of them only a few are signed or initialled.
CHUDOM, Alexander

Born in Poltava, Ukraine, Russia, 22 November 1886. Graduate of the Stroganoff Academy of Arts, Moscow, B.A., 1904. Mr. Chudom emigrated to the United States in 1905, working in New York as a fashion illustrator for various popular and trade magazines. He moved to California in 1932, where he established himself as a painter of portraits, landscapes, and still life. His botanical illustrations are limited to those done for Professor Carl Epling, of University of California Los Angeles, monographer of the genus Salvia, and done mostly in the period of 1933-39. Although now retired, he continues to enjoy his painting and sketching activities. Address: 11264 Huston Street, North Hollywood, Calif.

Specialty: painting and drawing of all kinds, in water colors and pencil.


Photo by David Alan Kay
Work by Alexander Chudom

51  *Salvia hintonii* and *S. hamulus*  
(upper right)  
Ink wash drawing. 13-7/8  
× 10-1/2. Unsigned, undated.

52  *Salvia sonomensis*  
Ink wash drawing. 13-3/8  

Both drawings reproduced in Epling, Carl.

Lent by, The Department of Botany,  
Univ. California, Los Angeles.
CLEUTER, Albert

Born, Brussels, 10 August 1901. Awarded Architecte diplômé de l'Académie Royale des Beaux Arts de Bruxelles 1922. Since 1936 M. Cleuter has been a botanical illustrator at the Jardin Botanique de l'État in Brussels.

Most of his published work is of reproductions of his superb pen and ink drawings of botanical specimens, prepared to illustrate scientific papers by staff botanists. His mastery of the stipple technique places him in a small elite corps of scientific illustrators, of whom there are few today who have the time or talent to render so adequately as he does the materials assigned to be illustrated. In addition, he paints the landscape backgrounds for dioramas of natural history displays at the museum. Avocationally, he enjoys making water color paintings from nature. Address: Rue Alexandre Markelbach 56, Bruxelles 3, Belgium.

Specialty: botanical illustrator.

Work by Albert Cleuter

53  *Sedum fabaria*


54  *Alchemilla acutifolia*


55  *Lobelia wollastonii*


The Hunt Botanical Library also possesses an ink drawing of *Sanguisorba muricata* by M. Cleuter.
CSAPODY, Vera (Mrs.)

Born, Budapest, Hungary, 29 March 1890. Educated in Budapest, graduating from the University of Budapest with a teaching degree in mathematics and physics 1913. Ph.D. (Botany) Univ. Budapest 1932. From 1916-38 Dr. Csapody taught physical sciences in a girl's high school, Sacré Cour, and from 1938-48 was Headmistress. In 1950 she was appointed Curator, Botanical Division, Museum of Natural Science, Budapest, retiring 1 January 1966.

Self-trained as an artist, she commenced painting wildflowers in 1912. In 1921 she commenced the study of botanical illustration under Prof. Sándor Jávorka, who encouraged her to pursue formal studies in botany, leading later to her doctorate. Her personal collection of water colors of wildflowers and other plants of Hungary and southeastern Europe numbers 10,780 plates, representing portraits of 5,560 taxa. The great majority of Hungarian floristic works published in the period 1925-1968 are illustrated primarily by Dr. Csapody. Many of Hungary's flower stamps are based on portraits by Dr. Csapody.

Address: Budapest VIII, Baross-u. 4, Hungary.

Specialty: taxonomic botanist and botanical artist.

Work by Vera Csapody

56 **Colchicum autumnale** (Autumn crocus)
   Water color. 10-3/4 X 7. Initialled, undated

57 **Cypripedium pubescens ssp calceolus** [C. calceolus]
   (Yellow lady's-slipper)

58 **Polygonatum odoratum** (Solomons-seal)  No. 57

59 **Salix caprea** (Goat willow)

Reproductions of Dr. Vera Csapody's work are exhibited in the Hunt Library, Fine & Rare Book Room, 4th floor.

No. 58
DAGLISH, Eric Fitch

Born, London, 29 August 1892. Graduated from Hertford County College, studied in London and Bonn. Initially a newspaper correspondent (1923-25), he developed an avocational interest in woodcarving to professional status and was elected to membership in the Society of Wood Engravers, with one-man exhibitions at Redfern Gallery 1925 and 1927. During World War II he was a Squadron Leader in the R.A.F. He died in 1966.

Mr. Daglish combined his love for nature and gardening with his artistic talents, and authored and illustrated 27 books between 1926 and 1964. He illustrated a score or more natural history works by other authors, including Walton's Compleat angler, Thoreau's Walden, and White's The natural history of Selborne. His hobbies of plant breeding and raising pedigreed dogs were his primary recreation.

Specialty: author and illustrator (wood engravings) of natural history and gardening books.

Work by Eric F. Daglish

60 **Gentiana nivalis** (Snow gentian)
   Wood engraving. Composition 4 × 3-1/2. Signed, undated.

61 **Iris pseudacorus, Lychnis flos-cuculi, Myosotis arvensis**
   (Yellow iris, Ragged robin, Forget-me-not)

Shown with it reproductions of Daglish's wood engravings of "An April Bouquet" (Arum, Fritillaria, Oxalis), and of "Christmas Roses and Snowdrops" (Helleborus niger and Galanthus).
DAHLQUIST-LJUNGBERG, Ann-Margaret (Mrs. Sven)

Born, Ulticehamn, Alvsborg, Sweden, 8 January 1915. Graduated from the Tekniska Skolan (Stockholm) 1931-36, attended the Konstakademiens Etsningsskola 1936-42. Author, poetess, graphic artist, and designer of books. Mrs. Dahlquist-Ljungberg's work is represented in galleries and museums of Sweden and abroad, including the National Gallery of Sweden, the National Gallery of Norway. Her love for nature and the open lands is reflected throughout her writings and her art work, and the deft skill with which she interprets plants, flowers, and insects may in part reflect unusual sensitivities associated with her being a deaf-mute. She shares these interests with her husband, Sven Ljungberg, also an artist. Address: Kungsgatan 27, Ljungby, Sweden.


Work published in books by her include: Insekt mot ljuset [Insects against the light], Malmö-Lund, [1962]. - profusely illustrated, many botanical subjects. Stralen, (Stockholm 1958) and Ja eller Nej (Stockholm 1966) are two novels written, designed and illustrated by her. Among her books of illustrated poetry, and anthologies of poetry by others are: Dagens dikt, Svenska ballad er och visor, and Tusen och en natt.

Photo by Harry Dittmer/Tio
Work by Mrs. Dahlquist-Ljungberg

63  **Rosa** sp.
    Ink drawing.  8-1/2 × 6.
    Signed, dated 1962.

64  **?Iris foetidissima**?
    Ink drawing.  5-3/4 × 5.
    Signed, dated 1960.
    The identity of this subject is uncertain. It may be a "composite" of more than one kind of plant.
DAVIS, Natalie Harlan


Specialty: botanical illustration; pen and ink, water color.


Work commissioned: water color paintings of tree peonies for Pennsylvania Horticultural Society; numerous flower portraits for private individuals.
Work by Natalie H. Davis

65  *Begonia ricinifolia* (?)  
Water color. 14-1/2 x 10-1/2  
Signed, undated [1967?].

66  *Polypodium vulgare* (Common polypody fern) - Chart of fern life cycle [germinating spore in upper right corner].  

Other works in the HBL collection:  
*Paeonia suffruticosa* (2 water colors of 2 cultivars, natural size).
DEVLIN, Mary Barbara

Born, Boulder, Western Australia, 6 April 1916. Professionally Miss Devlin is a "lithographic draftswoman" of the Government Printing Office, at Wembley, W. Australia.

Self-trained as an artist and illustrator, Miss Devlin has long appreciated the beauties of the unusual wildflower flora of her native environment, and initially painted their portraits for her own enjoyment. She and her work came to the attention of this library through the full color reproductions of her water color renderings on the covers of the annual reports of The Library Board of Western Australia (Perth). The earliest known to us is that for 1957, reproducing Oxylolium capitatum.

Address: 9 Carrick St., Doubleview, W. Australia.
Work by Mary B. Devlin

67 **Pimelia floribunda** (Rice flower)

Pencil drawing, floral details in water color.

68 **Blankoa canescens** (Red bugle flower)

Pencil drawing, floral details in water color.

69 **Eucalyptus caesia**

Signed, dated 1964.

70 **Banksia coccinea**


Reproductions of Mary Devlin's works are exhibited in the Hunt Library, Fine & Rare Book Rooms, 4th floor.
DIDLAUKIS, Helene


Specialty: botanical illustrator.

Work by Helene Didlaukis

71 **Physalis alkekengi** (Chinese lantern-plant, Alkekengi)
   Ink drawing. 18 × 10. Initialled, undated.

72 **Allamanda cathcartica** (Common allamanda)
   Water color. 16-3/4 × 9-1/2. Initialled, undated [1966].
DIXIE, Ethel May

Born, South Africa, 9 May 1876. Self-trained, Miss Dixie has supported herself as a botanical artist and illustrator since an early age. Her work brought her international recognition with the publication of Marloth's *Flora of South Africa* (4 vols.), Cape Town, Darter Bros., 1913-15, for which she did a majority of its 351 color plates.

Her work has appeared in many popular and scientific books and periodicals of the last 70 years, but a bibliography of them remains to be compiled. On her 90th birthday she was awarded an Honorary Life Membership in the Botanical Society of South Africa. A substantial collection of her botanical paintings have been presented by her to the National Botanic Gardens of South Africa at Kirstenbosch. Address: Avondrust, Rouwkoop Rd., Rondebosch, Cape Province.
Work by Ethel M. Dixie

73  *Zantedeschia aethiopica*  (Calla-lily, arum-lily)

74  *Gerbera jamesonii*  (Transvaal- or Barberton-daisy)

Reproductions of Ethel Dixie's water colors are exhibited in the Hunt Library, Fine & Rare Book Rooms, 4th floor.
DODSON, Suzanne Augusta Cates (Mrs. E. D.)


Work by Suzanne A. C. Dodson

75  **Fritillaria lanceolata**  (Mission Bells)

Signed, dated 1967.

76  **Dicentra formosa**  (Pacific Bleedingheart)

Signed, dated 1968.

A copy by her of the plate painted for *Wildflowers of British Columbia* illustrated.
DOMJAN, Joseph


Specialty: multicolored woodcuts.


Woodcuts produced in U.S.A.: Domjan's woodcuts require 4-8 blocks for each print, limited to 25 prints of each design. To date he has distributed prints of more than 160 designs, of which about one-third are of floral subjects. Several hundred produced in Hungary were lost to him on his escape in 1956 with Mrs. Domjan and their daughter.


Photo by George Szeberenyi
Work by Joseph Domjan

77 **Epilobium angustifolium** (Fireweed)


Books with reproductions of Joseph Domjan's work are exhibited in the Hunt Library's Fine & Rare Book Room, 4th floor.

Other works by Joseph Domjan in the HBL collection include:

- **Aquilegia vulgaris** (Columbine) col. wdct. and an artist's proof.
- **Cirsium sp.** (Thistle) col. wdct.
- **Daucus carota** (Queen Anne's Lace) artist's proof, sepia.
- **Digitalis sp.** (Foxglove) col. wdct.
- **Euphorbia pulcherrima** (Poinsettia) col. wdct.
- **Laeliocattleya** hybrids [orchids] col. wdct.
- **Papaver sp.** (Poppies) artist's proof, sepia.
- **Saintpaulia ionantha** (African-violet) col. wdct.
- **Taraxacum officinale** (Dandelion) artist's proof, sepia.
DOWDEN, Anne Ophelia Todd (Mrs. Raymond B.)


Specialty: free-lance botanical artist.


Photo by Murray Thaiss
Work by Anne Ophelia Dowden

78 Ilex species and cultivars (Hollies)


79 Same preliminary sketch

Water color. 15-3/4 \( \times \) 11-1/4. Reproduction of the final painting shown with the sketch.

80 Spring flowers (left to right): *Oxalis* sp. (Wood sorrel), *Fragaria* sp. (Wild strawberry), *Taraxacum officinale* (Dandelion), *Glechoma hederacea* (Ground ivy), *Viola* sp. (Violet), *Waldsteinia fragarioides* (Barren strawberry).


The library has on indefinite loan the 28 original water colors reproduced in *The secret life of the flowers*. Its permanent collection includes 5 other original works by her.
EVANS, Henry


Now a printmaker specializing in botanical portraits, Henry Evans has been successively a bookseller, printer and publisher, and printmaker. He operated a bookshop in Tucson (1942-44) and in San Francisco (1944-64), and founded the Perrigrine Press in 1949. Today, one of the outstanding masters of the linocut and specializing in multicolor prints in that medium, Henry Evans enjoys an international reputation among the print collecting public. His botanical prints are drawn from the living plants, just as his eye finds and interprets them.

Specialty: linoleum block prints in one to four colors each.


Exhibitions: California Academy of Sciences (San Francisco); Field Museum of Natural History (Chicago), San Francisco Public Library, Royal Horticultural Society (London), Hunt Botanical Library, Smithsonian Institution (Washington, D.C.).

Photo courtesy San Francisco Chronicle
Work by Henry Evans

81 **Lilium pardalinum** (Leopard lily)
   3-color linocut, 18 × 11-1/2.
   Signed, undated [1968].

82 **Tradescantia sp.** (Spiderwort)
   2-color linocut, 18 × 11-1/2.
   Signed, undated [1966?].

83 **Quercus kellogii** (California black oak)
   Linocut, brown ink, 12 × 18.
   Signed, undated [1967].
   No. 81

84 **Tulipa gesneriana** (Cottage tulip)

85 **Philodendron**? (Philodendron)

86 **Title-page for set of signed proofs of Evans linocuts for Hortulus.** Linocut, green ink on cream paper [a monk in the garden]. 18-1/2 × 12. Unsigned, undated [1966].

87 **Lilium candidum** (Madonna lily)
   Linocut, green ink on white.
   No. 83

Books with reproductions of Henry Evans' linocuts are displayed in the Hunt Library's Fine & Rare Book Room, 4th floor.

The HBL permanent collections include some 200 botanical linocuts by H. Evans.
FARLEIGH, John


John Farleigh was a most versatile of illustrators who expressed himself in almost every graphic medium, and sometimes would point with pride to a decorative poster in which he combined lithography, engraving, and line drawing to achieve an objective. He was a regular exhibitor at the Royal Academy (London) from 1937 onward. His work is held by the major museums of the British Commonwealth and one of his best one-man travelling shows was a collection of paintings, engravings, lithographs, and drawings of bombed London. In addition to the many books illustrated by him, he is well known as an author and as a designer of posters, textiles, murals, postage stamps, and advertising displays.


Photo from Kodachrome by G. Lawrence
Work by John Farleigh

88 **Dahlia** cv. * (Cactus dahlia)  

89 **Passiflora caerulea** * (Passion-flower)  

90 [Same], preliminary sketch.  

91 **Rosa muscosa** * (Moss rose)  
Color lithograph. 10 × 7-1/4. Signed, this print (no. 11/12) dated 1940.

92 **Primula auricula** * (Auricula)  
Color lithograph. 10 × 7-1/4. Signed, this print (no. 9/12) dated 1940.

Nos. 91 and 92 reproduced in Sitch, *Old-fashioned flowers (1939)*, exhibited here with the prints.

93 **Humulus lupulus** * (Hopvine)  

94 **Corylus avellana** * (Hazel nut)  

Nos. 93 and 94 reproduced in Armitage, *A country garden (1936).*
FAWCETT, Priscilla


Specialty: pen and ink and water color drawings of botanical subjects.

Work by Priscilla Fawcett

95 **Ricinus communis**
(Castor-bean)

96 **Pachira aquatica**
FELSKO-SCHÜLKE, Elsa Maria (Mrs. Rudolf Schülke)

Born, Berlin, 2 September 1908 (née Elsa Maurischat). A self-trained artist and illustrator, best known for her botanical portraits but finds great personal satisfaction in her animal and shell studies.

Almost wholly self-trained, Mrs. Felsko was an embroidery designer for a textile firm, during the war a graphic artist, and as a hobby painted plant portraits. With infant daughter, escaped from Russian zone to Göttingen in 1945 at which university she illustrated several books. Under Dr. R. Pilger, Botanisches Museum, Berlin-Dahlem, she began her serious work as botanical artist, for which she is now internationally famous. Avocationally she plays baroque music on the violin, and writes that "I even like good 'beat' music." Address: 5105 Paustenbach 5, Ü. Aachen, Germany.

Specialty: water color portraits of the plants of the central European flora.


Photo by Kaiser-Foto
Work by Elsa M. Felsko

97  *Fritillaria imperialis* (Crown imperial)
    Water color. 15-1/4 x 10.  
    Signed, dated [ca. 1963].

98  *Iris germanica* cv. 'Lothario'
    Water color. 16-3/8 x 9.  
    Signed, undated [ca. 1962].

Nos. 97 and 98 reproduced in *Herbig Kalender* 1964 and 1963 respectively.

99  *Anemone alpina* var. *sulphurea* (Sulphur-flowered anemone)

100  *Archangelica officinalis*
    Ink drawing. 11 x 7-1/4.  Signed, undated.

101  *Ricinus communis* (Castor-bean)
    Ink drawing. 11 x 8-7/8.  Signed, undated

Nos. 100 and 101 reproduced in *Gäßler Das Büchlein ...*(1963).

Numerous reproductions are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

Other works in the HBL collection include:

- Atropa belladonna (water color)
- *Hibiscus schizopetalus* (water color)
- *Eryngium planum* (ink drawing)
- *Pinus montanus* (ink drawing)
FUJISHIMA, Junzo

Born, Tokyo, 12 January 1903. One of today's senior Japanese botanical artists, Mr. Fujishima was staff artist at the National Science Museum, Tokyo 1945-49, and scientific illustrator Experimental Station of Forestry (Tokyo) 1949-65. Although botanical subjects have been a personal preference for him, he is well-known in Japan also for his paintings of birds, and for his technical drawings in the more applied fields of insect and plant disease investigations. The transliterations and translations for the following citations were supplied by Dr. Shigetaka Suzuki, of Tokyo. Address: 549, Asahi-cho, Nerima-ku, Tokyo, Japan.

Work by Jun'ichi Fujishima

102  *Wisteria floribunda* (Wisteria)
Water color. 12 × 9-1/2.
Signed, undated [1966].

103  *Rhododendron japonicum* (Japanese azalea)
Signed, undated [1966].
GADD, Arne William

Born, Göteborg, Sweden, 30 September 1920. Studied graphic arts and painting at the Slöjdföreningen and Hovedskous schools of painting in Göteborg. Although a free-lance artist he gradually became a journalist and writer, associated with the Göteborgs Handels- and Sjöfarts-Tidning [Göteborg's Shipping and Maritime Times]. More recently his contributions of pen and ink illustrated articles on native and garden plants have been featured in the Göteborgs Tidningen (1967-68). Since 1956 he has been writing and illustrating books of fiction and natural history. One of his favorite pastimes is painting the flora of the Swedish west coast, examples of which are reproduced throughout his books - often as decorative motifs when not directly relevant to the accompanying text. Address: Salterigatan 15, Göteborg H, Sweden.

Work by Arne W. Gadd

104 **Campanula latifolia**
(Bellflower)

Water color. 11-3/8 X 8.
Signed, dated 1959.

Shown with it is a copy of Arne Gadd's book, *Kust i väster* (1965) opened to the reproduction of this painting.
GILKEY, Helen Margaret


After her return to Oregon in 1918, Dr. Gilkey restricted her botanical illustrating to her own publications, "with occasional exceptions, such as the frontispiece of Peck's Manual of the higher plants of Oregon, a few illustrations for plant pathologists and for graduate students." She writes also (ltr. to GHML, 6 March 1968) "The most satisfying work that I have done was several sketches that were published in Jepson's Manual of the flowering plants of California, including the following: Tsuga mertensiana, fig. 41, page 50. Brodiaea laxa, fig. 256, page 225. Calochortus albus, fig. 279, page 237. Gilia tricolor, fig. 773, page 795." Address: 136 North 30th St., Corvallis, Oregon.

Specialty: taxonomy of flowering plants of northwestern America, and of the Tuberales (discomycetous fungi); botanical artist and illustrator.

Work by Helen M. Gilkey

105 *Lilium columbianum*


106 Winter twigs of:

(74) *Betula papyrifera var. commutata* (Western paper birch)

(75) *Betula glandulifera* (Western low birch)

(76) *Ribes cerium* (Squaw currant)

(77) *Malus sylvestris [Pyrus malus]* (Apple)

(78) *Lonicera utahensis* (Rocky Mountain honeysuckle)

GOSSNER, Gabriele

Born, Kaufbeuren, S.W. Bavaria, 22 January 1914. Miss Gossner is one of Germany's leading free-lance botanical artists and illustrators whose work is well known in German-language areas from the books she has illustrated and the series of outstanding floral calendars with reproductions of her exquisite water colors of floral compositions. Address: Gauting bei München, Ringstrasse 35, Germany.

Work by Gabriele Gossner

107  Polyporus sp.  (Bracket fungus)
     Water color.  8-1/2 × 7-1/4.  
     Signed, dated 1950.

108  Rubus odoratus  (Flowering raspberry)
     Water color.  9-1/2 × 7-1/2.  
     Signed, dated 1953.
GOULANDRIS, Niki (Mrs. Anghelos)

Born, 9 January 1925, in Athens. Mrs. Goulandris (née Kephalas) graduated from the University of Athens in 1954 with a degree in Law and Political Science. During 1955–57 she pursued postgraduate studies at the University of Frankfurt. Long active with various women's organizations in Greece, she has, since 1963, been President of the Hellenic Association of University Women in Athens. In 1967, King Constantine II awarded her the Gold Cross of the Order of Benevolence, in recognition of her national contributions to Greek philanthropy, letters, and the arts. Since her marriage in 1944 she and Mr. Goulandris have become leaders of national stature in public life and in the arts.

Mrs. Goulandris received private instruction in drawing and painting, and by invitation has had in Athens three one-man exhibitions of her oil paintings - 1946, '48, and '50. Her work, in oils and water color, is represented in many public and private galleries of Europe. In 1956 she commenced to paint botanical portraits of Greek wildflowers, doing so in collaboration with the late Dr. Constantine N. Goulimis of Athens. Some 800 paintings have been completed. In 1963, she and her husband founded the Goulandris Botanical Museum, a private institution serving as a research center on the flora of Greece. Through its efforts the first volume of the Goulimis/Goulandris work, Wild flowers of Greece, featuring 104 color plates illustrating 110 species, will be published late in 1968. Address: The Goulandris Botanical Museum, 5 Levidou St., Kifissia, Athens, Greece.

Work by Niki Goulandris

109  **Aristolochia hirta**  (Dutchman's pipe)
    Water color.  13-1/2 × 7-1/2.
    Signed, dated 1967.

110  **Symphyandra cretica**  (Ring bellflower)
    Water color.  13-7/8 × 7-1/2.
    Signed, dated 1963.

Nos. 109 and 110, reproduced in Goulimis & Goulandris' *Wildflowers of Greece* (1968), have been deposited in the HBL collection on indefinite loan. Shown with the paintings are the respective reproductions from the *Wildflowers* ...
GREENE, Wilhemina Freeman (Mrs. Raymond W.)

Born, Cincinnati, Ohio, 27 January 1906. Student at Goucher College and Oberlin College, A.B. Rollins College (Winter Park, Fla.) 1927. Free-lance botanical artist and illustrator since about 1934, and horticultural lecturer. During this period she has traveled throughout much of the world, especially pantropically, making water color portraits of flowering plants as she found them in nature and under cultivation. Address: 927 Hilgard Ave., Los Angeles, California.

Specialty: water color and pen and ink portraits of flowering garden plants.


Paintings exhibited at: Massachusetts Horticultural Society (awarded Silver Medal), New York World's Fair 1939 (Award of Merit), Norton Art Gallery (W. Palm Beach, Fla.).
Work by Wilhemina F. Greene

111 Lagerstroemia speciosa
(Queen Crepe-myrtle)
Unsigned, undated.

112 Cochlospermum vitifolium
Signed, undated.
GREENWOOD, Leslie

Born, Wood Green, London, 24 August 1907, son of the architect and artist, Charles J. Greenwood, under whom he received much of his training. During his 1939-45 service in the British Army, while on duty in the East he began seriously to paint trees, plants, and flowers, particularly in Iraq, Syria, Palestine, Egypt, and in India, Burma, Malaya, Kashmir and the Himalayan region, Ceylon and Australia.


Photo by Latter and Son
Work by Leslie Greenwood

113 "Winter colour" Plants include:

- *Symphoricarpus albus* (Snowberry)
- *Euonymus europaeus* (Spindle-tree)
- *Physalis alkekengi* (Chinese-lantern plant)
- *Pinus sylvestris* (Scotch pine)
- *Iris foetidissima* (Scarlet-seeded iris, Gladwyn)
- *Lunaria annua* (Honesty plant)
- *Jasminum nudiflorum* (Winter jasmine)
- *Clematis vitalba* (Old man's beard)
- *Hedera canariensis* (Canary ivy)
- *Helleborus niger* (Christmas-rose)

Egg tempera and gouache. 22-1/2 × 16. Signed, undated. Reproduced as decorator's prints, and for 1968 Christmas card by the Medici Society Ltd.

114 *Hibiscus rosa-sinensis* (Chinese hibiscus)

Water color. 17-1/2 × 12-1/2. Signed, undated.

Numerous reproductions of Mr. Greenwood's paintings are exhibited in the Hunt Library's Fine & Rare Book Room, 4th floor.
GRIERSON, Mary Anderson


Specialty: botanical artist and illustrator.

Work by Mary A. Grierson

115 **Acanthus mollis** (Bears-breech)

116 **Lathyrus odoratus** (Sweet-pea)
   Water color. 16-1/2 × 13-1/2. Signed, undated.

The HBL collection also has a signed water color by Miss Grierson of **Epipactis helleborine**.
GROSSMANN, Karl

Born, Frankfurt am Main, 10 January 1919. A free-lance illustrator of botanical and zoological publications, Mr. Grossmann's work is widely known and highly prized. It is estimated that more than 1,000 color plates by him have been reproduced over the last 30 years. His work in pen and ink is equally well known. Address: 6 Frankfurt am Main, Obermainstrasse 13, Germany.

No bibliography is available of publications in which his paintings and drawings have appeared, but his plates and figures are reproduced in the following works:

Broschüren zur Vergleichenden Anatomie [comparative anatomy].
Enzyklopädie des Tierlebens (he illustrated the vols. on Fledermäuse, Spinnen, Insekten, Paradiesvögel, Tuni-katen).
Lexikon der Büchergilde (2 vols.) [natural history, including botany].
Medizinisches Lexikon.
Mitteleuropäische Insekten.
Mitteleuropäische Vogelwelt.
Schmeil Tierkunde.

In the magazine Constanze, reproductions of Mr. Grossmann's water colors appear in a series of fold-out color plates, of the series Gartenblumen, and the series Zimmerpflanzen. Published by the Constanze Verlag, Hamburg.
Work by Karl Grossmann

117  *Erica gracilis* (?)  
     Water color. 10-1/4 X 8-1/2. Signed, undated.

118  *Nuphar lutea* (Cow-lily, Spatterdock), *Nymphaea alba* cv. (Water-lily)  

Reproductions of Karl Grossmann's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

Other paintings in the HBL collection are:

*Impatiens walleriana*  
*Solanum capsicastrum*
GUINEA, Emilio [also as, Emilio Guinea López]


Professionally a botanist with strong interests in tropical African floras and in the botany of crop plants, Dr. Guinea is also a gifted and accomplished artist and botanical illustrator. Not only does he excell in technical water color drawings of fruit cultivars, but equally so in landscapes, genre scenes, and of plants in their native habitats. Address: Jardín Botánico, Plaza de Muillo 2, Madrid, Spain.

Work by Emilio Guinea

119 **Cistus ladaniferus** × **C. monspelienis** (Rock-rose)
   Ink drawing. 11 × 8-1/2.
   Signed, dated 1949.

120 **Cistus corbariensis**
   Ink drawing. 11 × 8-1/2.
   Signed, dated 1949.
   Nos. 119 and 120 reproduced in Guinea *Jaras y jarales* (1949).

121 **Malus sylvestris** cv. 'Camuesa Fina Castellana Aragón' (?) (Apple cv.)

122 [Same] cv. 'Camuesa Fina de Aragón'

123 [Same] cv. 'Transparente de Cromella'

124 [Same] cv. 'Palman Ensanada'
   Nos. 121–124 from a collection of fruit variety paintings made for Manzanas de España [Spanish Orchards].

Reproductions of Dr. Guinea's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

Other works in HBL collection include:
8 paintings of apple cultivars; 34 ink drawings in Guinea *Parques y jardines* (1968); 2 water color landscapes in Guinea *Vizcaya y su paisaje vegetal* (1949).
GÜNTHART, Lotte (Mrs. Willi)


Mrs. Günthart has specialized for several years in water color portraits of rose cultivars. Earlier she produced a considerable amount of "cold needle engravings" of lilies, peonies, orchids, roses, and other flower subjects, and once prepared a suite of painting of plant disease symptoms. The Swiss chalet home of Mr. and Mrs. Günthart, high above the town of Regensberg bei Zürich, is named the "Rote Rosen." Address: Regensburg, Haus Engelfried, Kt., Zürich, Switzerland.

Specialty: water colors of rose cultivars.

Work by Lotte Günthart

125 *Rosa* 'Grace de Monaco'
Water color, 18 × 14-1/8.
Signed, dated 1959.
Reproduced in *The glory of the rose* (1965).

126 *Lilium speciosum* (Gold-banded lily)
Dry point. Plate mark 10-7/8 × 8-1/2. Signed, undated.

Reproductions of Lotte Günthart's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.
HALLÉ, Francis


Dr. Francis Hallé, professionally a taxonomic and ecological botanist, is like his brother Nicolas, an accomplished botanical artist and illustrator, whose pen and ink work (line/stipple) has appeared in most of his own publications, as well as those of colleagues. A specialist in tropical floras, he has lived and/or collected in the French Antilles, French Guiana, the Ivory Coast, the Republic of the Upper Volta (formerly central French West Africa), the Congo, and Ethiopia. Presently he is engaged in a study of the dynamics and ecology of tropical forests. He and Mme. Hallé have four children, aged 2 to 6, including a pair of 4-year old twins.

Work by Francis Hallé

127 *Schumanniophyton magnificum*


Reproduced in Hallé, F. - *Étude ... des Gardeniées* (1967).

Lent by Francis Hallé

Shown with this drawing is an opening of F. Hallé's monograph.
HALLÉ, Nicolas M. P.


Dr. Nicolas Hallé is a taxonomist of tropical African plants. His artistic talents placed him in early demand as an illustrator of zoological and botanical works, but his competency as botanist, editor, and administrator soon limited this to illustrating his own botanical publications. His published illustrations are from pen and ink drawings, many a combination of line and stipple. The originals, for the most part, are made wherever the plants occur in tropical Africa, with color notes added in crayon. For his own pleasure he has made many water color designs. Dr. and Mme. Hallé have three children (ages 4-9), and he writes that one of his hobbies is macrophotography of natural history subjects. Address: Laboratoire de Phanérogamie, Muséum National d'Histoire Naturelle, 16 rue Buffon, Paris 16e, France.

Specialty: taxonomic botanist, editor, and administrator, illustrator of botanical monographs.

Work by Nicolas Hallé

128 Hippocratea pallescens
   Ink drawing. 8 x 6-3/4.
   Signed, undated [ca. 1961].

129 Hippocratea macrophylla
   Ink drawing. 8 x 6-1/4.
   Signed, undated [ca. 1961].

Nos. 128-129 reproduced in Hallé, N. - Monographie des Hippocrateacées (1962), figs. 26 and 60 respectively. Both are lent by N. Hallé.

130 Manniella gustavii (Orchidaceae)
HANNA, Boyd Everett

Born, Irwin, Pa., 15 January 1907. Studied at Univ. Pittsburgh 1925-28, Carnegie-Mellon University 1928-30. Attracted early to wood engraving, he taught himself the art and produced his first engraving in 1938. Versatile in all art and graphics forms, he has designed stained-glass windows, has worked as an architectural draftsman, as book illustrator, and currently is a graphic artist. He may be known best for his illustrations from multicolor wood engravings in The poems of Longfellow. Address: Apt. 209, 700 Forbes Ave., Pittsburgh, Pennsylvania.


Work by Boyd E. Hanna

131 **Mitchella repens**  (Partridge-berry)

132 **Hepatica americana**

133 **Mitchella repens**  (Partridge-berry)

134 **Hepatica americana**

135 **Vinca major**  (Myrtle, Periwinkle)

136 **Verbascum thapsus**  (Moth mullein [Mullen])

137 **Epigea repens**  (Trailing-arbutus, Mayflower)

Nos. 131-137 lent by Boyd E. Hanna.

Reproductions of Boyd Hanna's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.
HANSENS, Aline L. (Mrs. Elton J.)

Born, Minneapolis, Minn., 27 January 1917. B.A. Michigan State Univ. 1938, followed by graduate studies at Univ. Michigan Biological Station.

Mrs. Hansens is a free-lance scientific illustrator whose works have appeared in numerous scientific journals, university publications, and monographs. While most of her published work is from pen and ink drawings, she also has done a considerable quantity of work in water color. Her husband is a research entomologist at Rutgers University. Address: 321 Independence Blvd., North Brunswick, New Jersey.

Specialty: scientific illustration, especially biological subjects.

Work by Aline Hansens

138 *Sagittaria graminea* (Grass-leaved arrowhead)
Signed, undated.

139 *Alisma subcordatum* (Water-plantain)
Ink drawing, 10-3/4 × 6-1/4.
Signed, undated.

Nos. 138 and 139 reproduced in Fairbrothers et al.
- *Aquatic vegetation.*
HASEGAWA, Kiyoshi

Born, Yokohama, 9 September 1891. Studied at the University of Meiji (Tokyo) 1910-11, at Academy of Tokyo 1912-16, prof. of painting and design, Saburosoke (Okada). Established himself in Paris since 1919.

Mr. Hasegawa is a master engraver who works in many media, but particularly copper and steel engraving, mezzotint, etching, dry point, and aquatint. He also does pen and ink drawings and paints in water color and oil. His subject specialties are landscapes, flowers, and still-life. He has illustrated several books. He has received many honors for his work, including the Chevalier de la Légion d'Honneur, Chevalier de l'Ordre des Arts et Lettres, and the Médaille de vermeil de la Ville de Paris. Address: 3 Villa Seurat, Paris XVe.


Work by Kiyoshi Hasegawa

140 "Fleurs des Champs dans un verre - le printemps" Plants include:

Silene sp. (Bouncing Bet?), Sorghum sp. ?, Agrostis sp., Lychnis sp., Tragopogon sp. (goats-beard), Ranunculus sp. (Buttercup).


141 "Fleurs des Champs dans un verre - l'automne" Plants include:

Solanum sp., Triticum sp. (Wheat), Cynara sp. (Thistle), Rumex sp. (Dock), Dipsacus sp. (Teasel), Tragopogon sp. (goats-beard).


The HBL collection possesses also an engraving of Loranthus kaempferi (Japanese mistletoe) in fruit.
HOLGATE, Jeanne (Mrs. D. K. Covington)

Born, London, England, 11 March 1920. Educated in private schools in England. Although gifted with a natural proficiency in drawing, her father denied her training in the fine arts in the belief that she could not succeed at it. To satisfy him she trained as a secretary; to satisfy herself she got a job working for a professor at London's Royal College of Art. From opportunities thus afforded she taught herself, and showing the professor examples of her work was told "you're wasting your time driving that typewriter." Thus encouraged she concentrated on flower portraits, and soon had so many commissions that her full time was given to art.

She was official artist to the Orchid Committee of the Royal Horticultural Society, London, 1954-66 and received the Society's Gold Medal 1963, '64. Awarded Silver Trophy by 5th World Orchid Conference for the best educational and scientific exhibit (orchid paintings), 1966. Miss Holgate did some score of water color facsimiles of American natural history paintings from originals by John White, made in the late 16th century, and reproduced in the volume cited below. Her work is in many public and private collections including that of H. M. Queen Elizabeth the Queen Mother. Miss Holgate's preferences in art lean to surrealism and her work in this genre reflects delightful combinations of Nature with the mystique.

In 1967 Miss Holgate moved to America and, with her husband, divides her time between their Maryland and Jamaican homes. Commencing Sept. 1968, she will teach "Flower Portraiture" at Longwood Gardens, Kennett Square, Pa. Address: 700 Mill Dam Road, Towson, Maryland.

Specialty: free-lance painting of natural history subjects, especially of orchids.

Work by Jeanne Holgate

142  *Magnolia campbellii*
    Signed, undated.

143  *Camellia japonica* cv. *[C. alba simplex]*
    Signed, dated 1957.

144  *Chaenomeles lagenaria*  
(Japanese-Quince)
    Water color. 8-7/8 × 14.
    Signed, dated 1964.

Reproductions of Miss Holgate's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

Other work in the HBL collection, all water colors, include:
* Rhododendron* sp. (Nepal azalea ?)
* Rhododendron* 'Damozel'
* Camellia reticulata* 'Buddha'
HUTCHINSON, John

Born, Blindburn, Wark-on-Tyne (Northumberland) England, 7 April 1884. Educated at Rutherford College (Newcastle) and by tutors. Entered Royal Botanic Garden, Kew, as apprentice, where his flair for drawing began his career as a botanical artist and a taxonomic botanist. Appointed to Herbarium staff 1905-07, Asst. for the herbarium collections of Indian plants 1907-09 and 1916-19, for African plants 1909-16, in charge of the African section 1919-36, Keeper of the Museum of Botany 1936-48. Collected extensively in tropical and southern Africa. Known internationally as a botanist, a monographer of the genus Rhododendron, and specialist on the floras of Africa, Dr. Hutchinson is undoubtedly the most prolific and best known artist/illustrator among those authors who illustrate their own works. Since retirement he has written and illustrated a series of popular books on the British flora, doing so on holidays when he and Mrs. Hutchinson motor the countryside in their caravan-camper. Retirement has brought him the time to produce the monumental phylogenetic works for which he will ever be known. Address: 4 Cumberland Close, St. Margaret's, Twickenham, Middlesex, England.

Among his many honors and awards are: LLD. St. Andrews Univ. 1934, the R.H.S. Loder Silver Cup (for taxonomic studies of Rhododendron) 1945, Herbert Medalist of the Amer. Amaryllis Soc., the R.H.S. Veitch Gold Medal 1946, elected Fellow, Royal Society 1947, awarded Darwin-Wallace Centenary Medal 1958, Linnean Gold Medal 1965.

Work by John Hutchinson

145 A roundel of wildflowers.
Ink drawing. 11-1/2 x 7-7/8.
Unsigned, undated [ca. 1945], unpublished (to have been the title-page of a calendar).

146 January - March
Ink drawing. 11-1/8 x 7-1/4.
A plate for the Roundel.

147 June. Ink drawing, same size.


149 Pinaceae—Cupressaceae

150 *Frontispiece to Hutchinson, J. - Families of flowering plants. II. Monocotyledons.
Ink drawing. 21-3/8 x 14-3/4.

Note: in addition to the above, this Library possesses 30 ink drawings by Dr. Hutchinson, including that for the frontispiece of vol. I of his Families of flowering plants (ed. 1), the set of 14 plates intended for his A roundel of wildflowers (unpublished), and a series of 13 unpublished plates illustrating members of as many families of flowering plants.
ITO, Nanae

Born, Nagoya City, Japan. Studied Japanese classical painting (Nagoya) 1942-50 (interrupted at times by the War), student of Yoshine Morimura in his Tohko art classes (Nagoya). Special art and illustration technician, American Occupation Air Force, Nagoya, 1955-59. Emigrated to U.S.A. as a designer for Hallmark Cards 1959, and has been on the art staff of that firm since then. Studied under John Pike, Woodstock, N.Y., summers 1963-65 and joined his sketching trip to Europe summer 1966. Address: 4502 Hanover Court, Kansas City, Missouri.

Specialty: water color illustration, with special interest in flowers, landscapes, and seascapes.

Work by Nanae Ito

151 *Iris germanica* 'Eleanor's Pride,' 'Enchanted Violet,' 'Toll Gate'


152 *Rosa* 'Eden'


Reproductions of Miss Ito's water colors are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.
JOHNSTON, Edith Farrington (Mrs. A. L.)


Specialty: water color portraits of flowers for botanical publications.


Work by Edith F. Johnston

153  **Rosa** sp. and **Hemerocallis** sp.  
("The mantis washes her face and hands")  
Crayon drawing.  13 × 9-1/4.  
Signed, undated [ca. 1946]

154  **Rosa** sp. and **Lonicera japonica**  
("The mantis in the rose-hedge")  
Water color.  13 × 9-1/2.  
Signed, undated [ca. 1946].  

Shown with nos. 153 and 154 are her book **Strange visitor** and its dust jacket.

Other works in the HBL collection:

**Stapelia gigantea** (African-milkweed)  
**Musa** sp. (Banana, inflorescence)  
16 additional originals of **Strange visitor**
JONZON, Carl Vilhelm (work signed "Calle Jonzon")

Born, Katrineholm (Södermanland Prov.), Sweden, 18 January 1916. Self-taught, a free-lance artist who has exhibited widely. He works in many media, but is primarily a printmaker specializing in etching, dry point, woodcuts, and linocuts. The sensitivity for form and the capability to capture a sense of natural motion that one finds in many of his landscapes, together with the botanical accuracy of his plant and flower portraits, provide evidence of his artistic skill and meticulous perception for detail. His work as an artist is his avocation, for his vocation is that of a welding inspector at the SKF plant in Katrineholm. Address: Torpvägen 9, Katrineholm, Sweden.

Specialty: Printmaker, with special consideration for natural history subjects.

Exhibitions: Calle Jonzon's first print exhibition was in his home town in 1954, numerous shows have been held since then in Stockholm and Lund "with the 'Graphica' Society of Sweden, also in travelling exhibits in the USA and on the Continent."
Work by Calle Jonzon

155  *Briza maxima, Avena sativa*  
(Quaking grass, Oats)


156  *Cirsium* sp.  (Thistle)


157  [Same]


158  *Carlina vulgaris*  (Carline Thistle)


The HBL collection possesses also prints by Calle Jonzon of:

- *Typha* sp. (Cattail)
- *Epipactis latifolia?*
- *Mespilus germanica* (Medlar)
- *Campanula* sp.
JULES, Mervin

Born, Baltimore, Md., 21 March 1912. Graduate of Baltimore City College 1930, of Maryland Institute of Fine and Applied Arts 1933, and studied at Art Students League (New York) with Thomas Benton 1934. Now Professor of Art at Smith College, where he has been a faculty member since 1945, Professor Jules was previously an art teacher at several institutions in New York City including: Fieldston School, Museum of Modern Art, and the War Veterans Art Center.

An acknowledged authority on the materials and techniques of the artist, Mervin Jules' own work reflects his mastery of most media. While not to be counted among the strictly professional botanical artists or illustrators, his work as a printmaker as exemplified by his floral color woodcuts certainly makes him most eligible for inclusion in this Exhibition. He is the author of many illustrated articles, a number of them on creative work for children. He has illustrated several children's books, including titles by Eleanor Graham Vance. Address: Department of Art, Smith College, Northampton, Mass.

Exhibitions & Awards: he has held 43 one-man exhibitions at the leading galleries and museums of this country and abroad. His last was in Japan in 1967. His work has been shown at the Carnegie International, the San Francisco World's Fair, the Corcoran Art Gallery, Museum of Modern Art, and the Int'l Exposition of Modern Art, Paris. His work has received 17 awards when shown in competition, and is represented in 38 permanent collections here and abroad.

Photo courtesy Smith College
Work by Mervin Jules

159 *Anemone coronaria* (Poppy Anemone)


160 *Eschscholzia californica* cvs.
(California-Poppy)

KASUBSKI, Sylvia

Born, Åbo, Finland, 12 December 1907. Studied in art schools, Dresden, Germany, 1935-38. For many years Miss Kasubski specialized in painting miniatures (on ivory) and portraits. Exhibitions of her work have been held in Stockholm, Copenhagen, Linköping (Sweden), and Helsinki (Finland). More recently she has worked for Dr. Olof Selling at the Paleobotanik Sektion, Naturhistoriska Riksmuseet (Stockholm) making camera lucida, pen and ink, and water color drawings of pollen grains. For Elsa Nyholm she has made many technical drawings of Scandinavian mosses, based largely on microscopic examination and dissection. Address: Paleobotaniska Avdelningen, Naturhistoriska Riksmuseet, Stockholm.

Specialty: pollen studies, especially of paleobotanical materials, and bryological illustration.

Work by Sylvia Kasubski

161  *Sphagnum balticum*  (Sphagnum moss)


Reproduced as Fig. 481 in Nyholm's *Illustrated moss flora* ... (1967).

162  *Sphagnum fimbriatum*  (Sphagnum moss)


163  Pollen grains

KERS, Lars Erik


Work by Lars E. Kers

164 *Cleome paxill*

Ink drawing. 15-1/8 × 8-1/4.
Signed, dated 1965.

KIMBER, Sheila Valerie (Mrs.)

Born, Deolali (near Bombay), India, 12 December 1925 of British parents (her father an army officer in East for 34 years, mother assassinated in Lahore 1931). Has lived since World War II in England, Canada, Pakistan, and India. Self-trained as an artist, Mrs. Kimber is also an author, lecturer, and Radio/TV personality. Address: Conghurst Lane, Hawkhurst, England.

Specialty: oil and water color portraits of plants and flowers. Possesses a private portfolio of more than 150 portrait paintings of tropical and subtropical plants and flowers.


Exhibitions & Commissions: First solo exhibition, Calcutta 1958 of 60 botanical paintings. Received the Royal Horticultural Society Gold Grenfell Medal for exhibition of 23 orchid paintings of the "Flora of Asia." By invitation, a one-man exhibition was given her at Tunbridge Wells Art Gallery 1967. Commissioned 1961 by Governor of West Bengal for 7 paintings for the suite occupied by the Queen and Duke of Edinburgh. Completed 5 paintings hung at Royal Guest House, Kathmandu, Nepal. Commissioned 1962 by the Sikkim Royal family to collect and paint portraits of native Sikkimese orchids.
Work by Sheila V. Kimber

165  *Cymbidium lowianum*
Signed, undated [before 1964].
Painted from a plant cultivated in Sikkim, native of Burma.

166  *Saccolabium ampullaceum*
Water color. 12 × 10.
Signed, undated [before 1964].
Painted from a plant growing in the lower Sikkim forests.

Mrs. Kimber's *A handbook of orchids* is shown open to the reproduction of the painting of *Cymbidium lowianum.*
Koch, Ernőne (Mrs.)

Born, Budapest, 1900. Graduate of Iparművészeti Főiskola [School of Applied Art] and Képzőművészeti Akadémia [Academy of Fine Arts]. From about 1920 to the mid-30's Mrs. Koch was a freelance artist (portraits, landscapes, still-life), when she shifted her interest to scientific illustration and the graphic arts.

For the past 35 years or more she has worked for the Department of Plant Protection, Ministry of Agriculture, and also as an illustrator for publishers of agricultural, textbook, and academic press productions. Her work has been exhibited at Budapest's Museum of Fine Arts, and in several graphics exhibitions in Hungary. She is recognized today as one of Hungary's finest botanical artists and illustrators, whose water color portraits of plants, flowers, fruits, and mushrooms are chosen for book illustration purposes. In addition, she has produced numerous poster charts for distribution in agricultural communities, depicting symptoms of physiological and pathological diseases of field crops and garden plants. Address: Sallai Imre u. 11, V. em., Budapest XIII, Hungary.

Work by Ernöe Koch

167 *Ramaria botrytis* (Coral fungus)
   Water color. 6-3/4 × 6.
   Signed, undated.

168 *Boletus appendiculatus*
   Water color. 6-3/4 × 6.
   Signed, undated.

Included also in the HBL collection are two opaque water colors by Mrs. Koch of *Prunus persica* (Peach, fruiting branch) and *Zea mays* var. *tunicata* (Pod-corn).
KRAUSE, Erik Hans

Born, Halle (Halle an der Saale, Saxony), Germany, 27 June 1899. His early studies were in natural science, horticulture, and landscape architecture, leading to studies in the fine arts, M. F. A. Academy of Arts & Graphic Arts, Leipzig 1922, followed by studies at the Art Academy at Dresden, and much later at the University of Rochester (New York).

Mr. Krause emigrated to the United States in 1923, establishing himself first as a free-lance designer in New York City. In 1934 he moved to Rochester, N.Y. where he was a free-lance artist and commercial designer until 1951 when he joined the staff of the Rochester Parks Department. From 1952 until his retirement in 1960 he was Park Naturalist and Director of Nature Education, Bureau of Parks, Rochester. During these later years he was active also as an artist and illustrator, establishing an enviable record through many exhibitions and published work. He is perhaps best known for his nature paintings in gouache, oil, casein, and acrylics, and especially for those inspired by plant forms - paintings that span the range from realism to abstraction. It has been written of his work that, "unlike the studio-bred abstractionist, he seldom eliminates recognizable form." Mr. Krause does not limit himself to pen or brush. His prints from wood and linoleum blocks are proof of proficiency as a carver and engraver, and his lithographs establish him as at home with the stone. Since 1961 he and Mrs. Krause have operated their own Studio and Workshop, at 78 Kirk Drive, Rochester, New York.


Photo by Grant Haist
Work by Erik Hans Krause


Shown with it the original linoleum block, lent by E. H. Krause.

170 *Leaf forms. Plants represented (top left clockwise): *Ginkgo*, *Callirhoë*, *Oxydendrum*, *Aralia*, *Liriodendron*, *Quercus lyrata*.


171 *Paulownia tomentosa* (Princess-Tree)


172 *Aralia elata* (Japanese Angelica-Tree)


Reproductions of Mr. Krause's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor. No. 171
LANDWEHR, Jacob

Born, Kampen, Overysel Prov., Netherlands, 3 August 1911. Professionally Mr. Landwehr is a horticulturist and landscape designer in charge of operations of municipal parks of the town of Amstelveen, just south of Amsterdam. Avocationally he is both a botanical artist and a botanist (mosses and orchids) who has illustrated many of the mosses of the Netherlands and who has travelled over a considerable part of Europe painting portraits of nearly all species of European orchids as he found them in their native habitats. His collection of water colors of orchids is now nearly complete. Address: Graaf Aelbrechtslaan 95, Amstelveen, Netherlands.

Work by Jacob Landwehr

173 Orthotrichium sprucei (Moss)
Ink drawing. 9-1/2 × 6-1/2.
Unsigned, undated.

174 *Ilex aquifolium (English Holly)
Pencil drawing. 11 × 9.
Signed, dated 1931.

175 *Betula pendula (European White Birch)
Pencil drawing. 10 × 7-1/2. Signed, dated.

Reproductions of Mr. Landwehr's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.
LEAL, Newton Paes

Born, Barbacena, Minas Gerais, Brazil, 10 December 1903. Educated in art and the graphics at Escolar Barão do Rio Branco, in Belo Horizonte, Minas Gerais, 1917, graduated from the Liceu Artes Oficios, Rio de Janeiro 1927.

Mr. Leal is a free-lance botanical artist specializing on water color and pen and ink portraits of both botanical and horticultural subjects, and whose work is in considerable demand by botanists of Brazil, Germany, and the United States. In August 1967 he reported that he had completed on commission 416 color plates and 1,650 drawings of botanical subjects, the major part of which had then been published. Address: Rua Marques de São Vicente 444, Rio de Janeiro-Guanabara, Brazil.

Work by Newton P. Leal

176 **Aristolochia hypoglaucia**

177 **Cattleya violacea?**

178 Wood sections of **Sequoia sempervirens**, Ipé Peroba, Freijô,
   Muiragiboia Coração de Negro
   (Albizia lebbeck), Louro Vermelho
   Water color. 9-1/2 × 8-1/2. Signed, undated.
LEIGHTON, Clare [Veronica Hope]


Miss Leighton is best known to gardeners and botanists for her books in their fields which she illustrated with delightful wood engravings. For the Wedgewood Company she designed and made wood engravings illustrating New England industries—a series reproduced on Wedgewood plates. She is past vice president of the American Society of Graphic Artists, and of the National Institute of Arts and Letters. She is perhaps best known, however, for her recently completed designs of the 33 stained glass windows now in St. Paul's Cathedral, Worcester, Mass., a work to which she devoted six years of research and work. Address: Woodbury, Connecticut.

Specialty: artist, wood engraver, author and book illustrator, designer of stained glass windows.

Work by Clare Leighton

179 *Papaver rhoeas* (Corn Poppy)
Wood engraving. 5-7/8 X 3-1/8.
Signed, undated.

180 *Anemone japonica* (Japanese Anemone)
Wood engraving. 5-7/8 X 2-7/8.
Signed, undated.

181 "Weeds" Plants include: *Trifolium* sp. (Clover), *Cichorium intybus* (Chickory), *Ranunculus* sp. (Buttercup), *Phlomis?*, *Plantago* sp. (Plantain)
Wood engraving. 7-1/4 X 5-1/4.
Signed, undated.

Nos. 179-181 reproduced in *Four hedges*.

182 *Aquilegia vulgaris* (Columbine)
Wood engraving. 5-1/4 X 4. Signed.

183 *Iris unguicularis* [I. *stylosa*], *Helleborus niger* (Christmas-rose)
Wood engraving. 5-7/8 X 4-7/8. Signed.

184 *Hepatica nobilis* (Hepatica)

185 *Lilium candidum* (Madonna lily)
Wood engraving. 5-1/2 X 4-1/2. Signed.

Nos. 182-185 were cut in 1935; these prints were pulled in 1965.
LETTY, Cythna (Mrs. Cythna Lindenber Forssman)

Born, Standerton, Transvaal, South Africa, 1 January 1895. Graduated from Girls' High School, Pretoria 1914, and trained as a nurse. Appointed artist to the Veterinary Laboratories, Onderstepoort 1925, transferred as botanical artist to the Division of Plant Industry, Pretoria 1927 (on leave 1938-45) until retirement. Since then she has continued with her portraiture of South Africa's flora at the Botanical Research Institute, Pretoria. In 1965 she witnessed the minting of South Africa's new coinage, of which four values were designed by her. Although commemorated in the names of Aloe lettyae and Crassula lettyae, she considers the greatest tribute to her to be the creation of the "Cythna Letty Nature Reserve" in the Barberton Mts., Transvaal. Although she has illustrated many books, it is the periodical Flowering plants of Africa that presents the greatest array of her paintings: 755 color plates as of September 1967. Address: 163 Bourke St., Pretoria, So. Africa.

Specialty: botanical artist for the flora of southern and tropical Africa.

Work by Cythna Letty

186  *Erythrina lysistemon*

187  *Rhigozum brevispinosum*
    Water color. 8-1/4 × 6-1/2. Signed, dated 1965.

188  *Adansonia digitata* (Baobab tree)

Reproductions of work by Cythna Letty, including examples of South Africa's new coinage, are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

Other works by her in the HBL collection include:

- *Zantedeschia aethiopica* (Calla-lily), *Protea cynaroides*, *Ipomoea purpurea* (Morning-glory).
LEXA-REGÉCZI, Marta (Mrs.)


Specialty: water color and pen and ink drawings of horticultural and botanical subjects, especially of mushrooms.

Work by Marta Lexa-Regéczí

189 *Lychnis coronaria*
  Water color. 9 × 11-1/4. Signed, undated.

190 *Iris variegata*
  Water color. 9 × 11-1/4. Signed, undated.

191 *Amanita caesarea*
  Water color. 9 × 7-1/4. Signed, undated.

192 *Amanita rubescens*
  Water color. 9 × 7-1/4. Signed, undated.
LEYNIERS de Buyst, Dorika (Mme.)


Most of her work has been illustrating botanical publications on the ecology of the flora of tropical Africa, plant portraits from the Jardin Botanique de l'Etat (Brussels), and on the morphology of insects. Her husband, also an artist and illustrator, works presently for the Brussels airport. Address: rue Linné, 42, Brussels 3, Belgium.

Specialty: botanical and zoological artist and illustrator, working with pen and ink (line/stipple technique), and water color.

Work published in: bulletins and mémoires of Royal Institute of Natural Science, and the National Botanic Garden.
Work by Dorika Leyniers De Buyst

193 *Gunnera perpensa*
Ink drawing. 15-1/2 \( \times \) 9-1/2. Signed, dated 1968.

194 *Sempervivum schnittspahnii*  
*(Houseleek)*
Water color. 13-1/4 \( \times \) 7-1/2. Signed, undated.
LID, Dagny Tande (Mrs. Johannes)


Mrs. Lid, whose husband is Dr. Johannes Lid, taxonomic botanist at the Botanisk Museum, Oslo, has illustrated since 1942 many Norwegian botanical works: floras, manuals for plant identification, color charts of alpine flowers as identification aids for tourists, technical botanical treatises, and encyclopedias. She is equally at home with water color or pen and ink. Her first one-man exhibition was held at the Kunstnerforbundet, Oslo, 1965. Wherever she and her husband have travelled - to the Canary Islands, the Rocky Mountains of western North America, or to the alpine meadows of Scandinavia - she has painted the landscapes and portrayed the plants that comprise their floras. Address: Lilloe-Olsens Veil 21, Oslo 4, Norway.

Specialty: botanical artist and illustrator.

Work published in (some titles given only in English translation):
- Schøyen & Jørstad - Diseases in gardens, 1942.
- Christopherson, Erling - Medicinal plants, 1943.
- Lid, Johannes - Norsk flora, 1944; new ed. 1952.
- Norwegian potatoes, 1951.
- Trondheim, 1963.
- Porsild, A. E. - Edible plants of the Arctic, 1953.
- Porsild, A. E. - Illustrated flora of the Canadian Arctic, 1957.
- Rønning, Svalbards flora, 1964.

Photo by Sturlason
Work by Dagny Tande Lid

195 **Sorbus obtusifolius**  
(Mountain-ash)  

196 **Silene alba** [**Melandrium album**]  
(Catchfly)  

197 **Astragalus alpinus**  

Reproductions of Mrs. Lid's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.
LINDSTRÖM, Bibbe (Mrs.)

Born, Umeå (Vasterbotten Prov.) Sweden, 19 July 1919. Self-taught as an artist and illustrator, Mrs. Lindström concentrates on pen and ink and pencil drawings of wild flowers, sedges, and grasses. A free-lance artist, she publishes much of her work as photo-lithographed reproductions for note papers and cards. She is a member of the Svenska Konstnärinnor [Swedish Artists Society] and the Roslagen Konstnärs gille [Roslagen's Artists Guild]. In recognition of her work, she was awarded the Kungliga Stipendiet for 1967. Address: Lundagatan 40A, Stockholm SV, Sweden.

Speciality: botanical artist and illustrator, working mostly with pen and ink.

Work published in: Lagerström, B. & Österman, E. - Boken om Svartlöga [about an island in the Stockholm archipelago]. Stockholm, 1965 (?). Completed by her are the illustrations for a book by Harriet Hjorth on Brittany, scheduled for publication late in 1968. To be noted here also are the many decorative note cards designed, illustrated, and published by Mrs. Lindström.
Work by Bibbe Lindström

198  *Carex caespitosa, Orchis maculata, Paris quadrifolia*


Shown with this original is a reproduction of it, with that of a second in a series of ten (a drawing of *Parnassia palustris*, shown below).

The HBL collection possesses also a water color portrait of "Melandrium nemorosum."
MACKLEY, George E.

Born, Tonbridge, Kent, England, 13 May 1900. It is written that George Mackley "has been engraving since his early days, and came under the influence of Noel Rooke at the Central School of Arts and Crafts, London. Mackley is a Fellow of the Royal Society of Painters-Etchers and Engravers, and is considered by many experts to be the finest practicing craftsman of the landscape wood engraving." -- From the prospectus [1968] to Engraved in wood: a collection of wood engravings by George Mackley. Vocationally, he was for many years Headmaster of a boys school in Kent. Address: 7 Higham Lane, Tonbridge, Kent, England.

When asked for a photograph to reproduce with this brief sketch, George Mackley wrote (in 1965): "Nobody has attempted to photograph me since the enclosed print was made about twelve years ago. There has been a slight increase of ruggedness since then, but the main contours have not substantially changed." In that letter he noted that "I am, of course, by no means a specialist in plant engraving, but I do from time to time depart from my usual subject matter in order to cut a block of flowers. I enjoy doing this, as I am intrigued by the textures and by the decorative possibilities." As shown by items in this exhibition, and despite his modesty, George Mackley has indeed produced some of the finest wood engravings of botanical subjects, work "whose technical excellence and brilliant draughtsmanship add a new dimension to their subject." (A. M-T. Colt).

Specialty: wood engraver and artist.

Photograph by L. Saskell

Work by George E. Mackley

199 Primula vulgaris (Cowslip)
Wood engraving. 5-5/8 × 5-1/2. Unsigned, undated.

200 [same]

201 Caltha palustris (Marsh-marigold, Cowslip)

202 Digitalis purpurea (Foxglove)

Shown with the print is the original block, and an opening to its reproduction in Weeds and wild flowers.

Other items by George Mackley in the HBL collection include: preliminary ink drawings of Caltha palustris, Digitalis purpurea, Polygonatum sp., Sonchus sp., 1 set of proofs of reproductions in Weeds and wild flowers.
MAHNKE, Heinz Kurt Georg

Born, Berlin-Schöneberg, 19 November 1903. Student at Hochschule für bildende Künste, Berlin (3-1/2 years), also studied art in Dresden.

Mr. Mahnke, descended from a long line of physicians and artists, is best known for his medical and botanical illustrations in pen and ink and water color, but works also in oils, and has produced many etchings, wood engravings, and copper engravings. Address: Breisgauer Strasse 33, 1-Berlin 38, Germany.

Specialty: medical and botanical artist.

Work by Heinz K. G. Mahnke

203 Spring flowers in glass bowl. Plants include:

- *Tulipa gesneriana*
- *Iris xiphium*
- *Narcissus cv.*

MANHÃ-FERREIRA, Hilda

Born, Guanabara (near Rio de Janeiro), Brazil, 24 July 1930. On completion of collegiate studies, was a student for five years at the Escola Nacional de Belas Artes (Rio de Janeiro). Miss Manhã Ferreira has for many years been scientific illustrator on the staff of the Jardim Botânico, Rio de Janeiro, specializing in painting portraits and producing pen and ink drawings of flowering plants of Brazil. Address: Rua João Borges 76/Apt. Gávea, Distr. Fed., Brazil.

Work by Hilda Manhã-Ferreira

204 Tillandsia globosa

205 Calathea cardiophylla

206 Lepechinia speciosa

207 Salvia mentiens

The HBL collection includes water colors by Sra. Manhã of:

Salvia itatiaiensis
Calathea makoyana, C. rufibarba, C. vaginata
Tillandsia pruinosa, T. pulchella, T. stricta, T. streptocarpa
MARLIER, Fritz

Born, Reichenbach/Vogtland (Saxony), Germany, 13 October 1901. Educated at the Kunstgewerbeschule, Leipzig 1919-20, and at the Kunstakademie (Leipzig) 1920-22. Studied anatomy and art history at the Univ. Leipzig. Designed and painted stage sets at the Leipzig Opera House. After 1922 was a free-lance artist and designer, working for many years as interior decorator, commercial artist (advertising designs), and as a private art tutor. From 1958 to 1967 he was scientific artist and illustrator for the late Prof. Assmus Petersen, one-time director, Institut für Grünland - und Moorforschung, Paulinenaue (near Nauen, East Germany) and later [as Professor of Pasture Research] at Humboldt Univ., Berlin. Address: 682 Rudolstadt, Postfach 32, Germany.

Specialty: scientific illustrator and artist.

Exhibitions: Fritz Marlier's work has been exhibited in various museums and galleries in Leipzig, Weimar, Rudolstadt, Gera, Berlin, Venice, and Budapest.

Work by Fritz Marlier

208 **Trifolium repens** (White Clover)
   Pencil drawing. 8-3/4 × 7-1/4. Signed, undated [signed on original mat].

209 **Senecio cruentus** cv.s.
   (Cineraria)
   Oil painting. 9 × 11. Signed, undated.
MARTIN, Colette

Born, in France, of Swiss parents, 1910, and has resided on the island of Mallorca (Majorca) since 1926, except for four years in North Africa. Miss Martin is a self-trained botanical artist and works almost wholly in water color. Her paintings have been reproduced abundantly in the advertising and literature of Nestlé and Tobler chocolate products, and the Nestlé firm has printed many of them in full color on small cards packaged with bars of chocolate. Water color portraits have been completed by Miss Martin for some 110 endemic species of the Balearic Isles and more than 200 others for non-endemics of the Mediterranean. Address: Ca'n Soler, Soller, Mallorca, Baleares, Spain.

Her work has been exhibited twice in this country, and in Geneva, Bern, Barcelona, Algiers, and Palma. Her plate of Teucrium polium L. var. majoricum Rouy, is reproduced in [Tryon, A. D.] - Flower artists of the world. London, The Tryon Gallery, [1968].
Work by Colette Martin

210 "Tendresse" Bouquet of summer flowers

Other items by Colette Martin in the HBL collection include water colors of:

Sonchus spinosus (Saw thistle)
Senecio rodriguezii (Groundsel)
Globularia majoricensis (Globe-daisy)
Astragalus poterium (Milk-vetch)
Paeonia mascula [P. corallina]
MASTICK, Marian Francis (Mrs.)


Mrs. Mastick's designs of textiles, carpets, tapestries, and wall papers have featured botanical subjects and motifs, and reflect the influence of ten years spent by her in Hawaii as a free-lance artist. During this time she completed a suite of 55 unpublished water color plates of Hawaiian flowers and plants. Her textile designs have been produced by such firms as the Moss Rose Co. (Philadelphia), American Factors (Honolulu), Stapler Fabric Co. (Philadelphia), through the Barton Studios (New York), and by the Berven Carpet Corporation (Fresno, Calif.). She was a designer for Valley Decorating Company of Fresno, Calif. Some of her float designs were represented in the Pasadena Rose Parade in 1966 and 1967. Address: 83 East Fedora Ave., Fresno, Calif.

Specialty: textile designs, featuring flowers and plants. Botanical illustrations; water color, pen and ink. Botanical portraits for individual clients.


Exhibitions: One-man show at Moore College of Art 1951. Local art exhibits in Fresno area.
Work by Marian F. Mastick

211  **Delonix regia**  (Royal Poinciana, Flamboyant)
    Gouache. 15 × 13-1/2.
    Signed, dated 1964.

212  **Spathodea campanulata**  (African Tulip-tree)
    Gouache. 15 × 13-1/2.
    Signed, dated 1964.
MAURY, Anne Eldredge (Mrs. Richard B.)


Mrs. Maury worked during 1967-68 with Professor Guido Moggi at the Herbarium, Universitatis Florentinae, illustrating genera on which he has been making taxonomic studies.

Specialty: botanical illustration, in pen and ink and watercolor.

Work by Anne E. Maury

213 *Aquilegia canadensis* (Columbine)

214 *Hypericum mysorense* (St. Johns-wort)
Signed, undated.
Lent by Prof. G. Moggi

215 *Rosmarinus officinalis* (Rosemary)
Water color. 8-1/4 × 6-1/8.
Signed, undated.

Other items by Anne Maury in the HBL collection include water colors of:

*Asarum canadense* (Canada-Ginger)
*Fumaria capreolata* (Fumitory)
*Lobularia maritima* (Sweet-alyssum)
*Lupinus angustifolius* (Lupine)
McBRIDE, Leslie Richard


Mr. McBride's activities as an illustrator, and particularly as a botanical illustrator, are wholly avocational. Their appearance in Dr. Degener's flora generated the contact that resulted in their inclusion in this collection.

Work by Leslie Richard McBride

216  *Rubus ellipticus* var. *obcordatus*  
(Indian raspberry)  
Reproduced in Degener's *Flora Hawaiensis*.

The HBL collection also possesses a McBride drawing of *Heteropogon contortus*.
MEE, Margaret Ursula (Mrs. Greville R. B.)


Since 1952 she and her husband have lived in Brazil, where for five years she taught art in São Paulo's British school, St. Pauls. In 1958 she commenced work as a botanical artist. Her first exhibition at São Paulo's Instituto de Botânica led to a contract for work there. In 1959 an exhibit of her paintings was featured at the 150th anniversary celebration of the Jardim Botânico, Instituto de Botânica, Rio de Janeiro. In 1960 an exhibition of her work at the Royal Horticultural Society earned her the Grenfell Gold Medal.

Mrs. Mee has made many expeditions since 1960 into the Brazilian jungles to collect and paint on-the-spot portraits of the tropical flora. On such trips she travels by dugout canoe with a native guide, lives in the open, and subsists for days on packets of dehydrated soups boiled in swamp water. Between these solo ventures she depends on the forest missions for food and shelter and, when too remote for such civilized fare, on the indians she encounters. Her husband, a commercial artist in São Paulo, is reported by Mrs. Mee "to get rather fed up when I go away into the jungle for two and three months at a time." Address: Rua Tianeiras 267, Casa I, Vila Olympia, São Paulo, Brazil.


During 1960-64 she completed a suite of bromeliad portraits for the Instituto Botânica to illustrate Lyman B. Smith's monograph of Brazilian Bromeliaceae to be published in a future part of the late Dr. F. C. Hoehne's *Flora brasileña*.

Photo by Wide World Photos, Inc.
Work by Margaret U. Mee

217 Bauhinia sp. (Poor-man's Orchid-tree)
   Water color. 12-1/2 × 9.
   Signed, undated.

218 Miltonia spectabilis
   Water color. 12-1/2 × 8-1/2.
   Signed, undated [ca. 1966].

219 Pseudobombax grandiflorum
   Water color. 23 × 17.
   Signed, dated 1964.
   Reproduced in Mee - Flowers of the Brazilian forests (1968).

Reproductions of Mrs. Mee's paintings are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

The HBL collection includes also a water color of Catasetum saccatum by Mrs. Mee.
MEGAW, Elene Elektra (Mrs. Arthur H. S.)

Born, Salonika, Greece, 26 October 1907. Diploma from Slade School of Fine Art, University of London 1930. Trained as an artist and not as a botanist, Mrs. Megaw established her reputation before the War with her landscapes and portraits. After the War she concentrated on wildflowers, and has assembled what is today a very substantial portfolio of water color portraits of the wildflowers of Greece and Cyprus. During much of the period 1937-60, when her husband was Director of Antiquities, Cyprus, she concentrated on the landscapes and flowers of that island. Since then, Dr. Megaw now being Director of the British School of Archaeology, Athens, she has given more attention to the Greek flora.

Address: British School of Archaeology, Athens 140, Greece.

Specialty: water color portraits of the wildflowers of Cyprus and Greece.


Work by Elene Elektra Megaw

220  *Capparis spinosa*  (Caper-Bush)
    Water color. 17 × 18. Unsigned, undated.

221  *Tulipa saxatilis*
    Water color. 16-1/2 × 10. Unsigned, undated.

Nos. 220–221 are on indefinite loan from Mrs. Megaw.
MOCKEL, Henry R.

Born, Berlin, Germany, the son of a Berlin publisher, 14 May 1905. Graduate, Gymnasium, Berlin. Came to the United States in 1923. Studied engineering at City College of New York, then studied art at Grand Central School of Art, New York City. Until 1958, when he and Mrs. Mockel moved to the Southwest, he was known as the artist-farmer of Cooperstown, N.Y. Co-owner (with Mrs. Mockel) of the Pioneer Art Gallery, 5686 The Plaza, Twentynine Palms, Calif.

Henry Mockel is without question this country's leading exponent of the serigraph (produced by the silk-screen process), and particularly so for its use as a medium for botanical portraiture of plants and flowers. In his floral portraits he achieves botanical accuracy with great technical skill and produces a print of artistic beauty. His subjects are largely those of his environment, the desert of southern California. His serigraphs require as many as 38 separate color plates and separate impressions, each by hand, to produce a single finished print. Address: Pioneer Art Gallery, P.O. Box 726, Twentynine Palms, California.

Specialty: serigraphs of desert flowers, also the same in oils, acrylics, and water color.

Exhibitions - awards, and permanent collections: 10 one-man shows, 1954-66; three exhibition awards, 1933-36; and his work has been accepted in 12 permanent collections.

Work by Henry R. Mockel

222 Parkinsonia aculeata  
(Mexican Palo Verde)  
Serigraph. 17-1/2 X 11-1/2. 
Signed, undated [1968].

223 Pholisma arenarium (red flowers), parasitic on the lavender-flowered shrub Hymenoclea salsola  
Water color. 15 X 11-1/4. 
Signed, dated 1965.

224 Yucca schidigera  (Mohave Yucca)  
Acrylic polymer on gesso-coated water color bd. 

The HBL collection includes also 15 serigraphs and 8 water colors by Henry Mockel, plus reproductions of a large number of his works.
MORRISON, Benjamin Yeo


Ben Morrison, while professionally a horticulturist, geneticist, and plant breeder, and plantsman extraordinary, was an artist in many ways: in the fine arts as a painter of landscapes, architectural renderings, flowers, and technical diagnostic botanical drawings; as a musician accomplished at the piano and organ and as a vocalist who gave many professional concerts, usually of sacred music; in the practicing arts as a landscape designer with acute sensitivities for color, form, and texture; and by temperament, varying with the mood—charming, ebullient, gracious, taciturn, or vituperative.

In the field of botanical art and illustration he completed scores of water color paintings and many more of deftly rendered delicate pen and ink drawings and pencil sketches—the major part of which are deposited at this library. To many persons his art work is best known from his many linocuts, reproduced on covers of the National Horticultural Magazine, and as Christmas cards yet available from the American Horticultural Society. He edited the magazine for 30 years and many of his drawings are reproduced in it.
Work by Benjamin Y. Morrison

225 **Lilium kellogii** (Pacific Tiger Lily)

226 **Iris dichotoma**

Other items by B. Y. Morrison in the HBL collection include:

- 11 ink drawings of *Lilium longiflorum* cvs.
- 34 pencil drawings of *Rhododendron*, *Narcissus*, *Zephyranthes*
- 10 water colors of *Lilium* species
- 4 water colors of *Iris* spp.
- 7 water colors of Japanese gardens, in Japan
- 94 ink drawings of Japanese gardens
- 32 ink drawings of Chinese gardens
- 43 miscellaneous drawings made in Japan
- 30 pages pencil sketches of azalea cv. corollas
NASH, John Northcote

Born, in Kensington, London, 11 April 1893. Educated at Wellington College. Without formal training in art he first exhibited (with his older brother Paul) in 1913. Under the guidance of Gilman, a leading London artist of that day, Nash exemplified the conviction that no matter how interpretative they were, his paintings (then oils) must be rooted in sound visual observation and good drawing - a mark of realism that continued to be identified with his work.

An official war artist during W.W.I, his painting "Over the Top" won him international fame. His life in Gloucestershire (1921-44) was one where his fascination with plants and flowers led to his production of botanical drawings and paintings; first for Clarence Elliott’s seed catalogue (1926), then for gardening books by Gathorne-Hardy. Concomittant with this was his long series of book illustrations, which form so large a part of his life’s work. About 1923 he had joined in the revival of wood engraving, doing those in Poisonous plants (1927). Since then he has illustrated some 25 works in wood engraving, line block, and lithography.

In 1934 he commenced teaching at the Design School, Royal Academy of Art, until joining the Royal Marines in W.W. II. After the war he worked more with oils and water colors, with emphasis on landscapes of Suffolk, Wales, and Yorkshire. He was elected to the Royal Academy in 1951. Address: Bottengams Farm, Wormingford, Essex, England.

Photo by Barratt’s Photo Press

A retrospective exhibition of 263 items of his work was held at the Royal Academy in 1967. In its Catalogue are listed (p. xv) the books illustrated by John Nash, ten of which are botanical or horticultural. Among them: Dallimore, W. - Poisonous plants (1927). Gathorne-Hardy, R. - Wild flowers in Britain (1938). Synge, P. - Plants with personality (1938). Nash, J. - English garden flowers (1948). White, G. - The natural history of Selborne (1951).
Work by John Nash

227  **Helleborus niger**  (Christmas-rose)
    Water color.  11-1/2 × 7-1/4.
    Signed, dated 1968.

228  **Campanula trachelium**
    Ink drawing.  13 × 8-1/8.
    Signed, undated.
    Reproduced in *The native garden*.

229  **Inula helenium**  (Elecampane)

230  **Ranunculus acris**
    Woodcut.  7-1/4 × 5.  Signed, undated.

231  **Atropa belladonna**
    Woodcut.  7-1/4 × 5.  Signed, undated.

232  **Arum maculatum**  (Cuckoo-Pint)
    Woodcut.  6-1/2 × 5.  Signed, undated.

233  **Paris quadrifolia**  (Herb Paris)
    Woodcut.  6-1/2 × 5.  Signed, undated.

No. 227  No. 230
NEWSOME-TAYLOR, Cynthia (Mrs. Peter F. Hunt)

Born, Batley, Yorkshire, 31 May 1906, daughter of a dental-surgeon who all his life wanted to be an artist. Trained at Hornsey College of Art as a fashion designer, a career in which she made her reputation from 1925-1940. Commenced free-lance illustrating of gardening books about 1945 and continues to do so. Address: Coldred Place, Coldred (nr. Dover), Kent, England.

Miss Newsome-Taylor does all her painting from living plants, making a complete portrait study of the plant with added floral details. Plant identifications are obtained from leading specialists. These water color portraits comprise her personal portfolio, now of many hundreds of plates, and serve as the basis for the individual portraits or composite plates required by her clients. While the greater part of her work is in water color, she is equally at home with other media.

Exhibitions and awards: In recognition of work exhibited in their shows, the Royal Horticultural Society awarded Miss Newsome-Taylor their Grenfell Silver Medal on three occasions, and for a single exhibition of her water color plates of nearly 300 subjects reproduced in Shrubs in color she received the Society's Gold Medal. In October 1967 her work was the subject of a one-man show at the Hunt Botanical Library. The illustrated Catalogue of that exhibition included a list of the 51 books and other publications in which her work has been reproduced.

Work by Cynthia Newsome-Taylor

234 "Garden plants" Plants include:
(top left, clockwise):

Camellia 'Donation', Calceolaria cv., Campanula lactiflora 'Loddon Anna', Campanula glomerata, Calluna 'H. E. Beale', Calla palustris, Callirhoe involucrata (Poppy-Mallow), Callistephus chinensis (China Aster), Camassia cusickii, Callistemon 'Splendens', (Bottle-brush)

Water color. 22 X 16-1/2. Signed, undated. Reproduced in Hellyer - Garden plants in colour (1958), shown with the plate.

235 "Night-scented plants" Plants include:

Lilium speciosum, Nicotiana alata, Hesperis matronalis, Oenothera biennis


Reproductions of Miss Newsome-Taylor's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

Other items by Miss Newsome-Taylor in the HBL collection include: Fritillaria imperialis, Begonia sp., Rhododendron indicum, Hibiscus syriacus, Lilium regale, Magnolia soulangeana, Rosa 'Eclipse', Tulipa 'Dractontia', Cynara scolymus, Rhus typhina laciniata, Cardiocrinum, Eucryphia glutinosa.
NORDENSKJÖLD, Birgitta Ann Katharine (Mrs. Sven)

Born. Linköping (Östergötland), Sweden, 2 January 1919. Diploma from Institute of Art and Design, Stockholm. Instructor in drawing and painting, Konstfackskolan [School of art and design], Stockholm. Is also a free-lance book illustrator and botanical artist. Address: Stureplatån 6, Lidingö 1, Sweden.

Mrs. Nordenskjöld makes her drawings and paintings directly from nature, without preliminary sketches. She is well known for her beautiful and botanically accurate water color and pen and ink portraits of mushrooms, many of which have been reproduced in botanical and popular works on the fungi. She has illustrated many children's books, and particularly with botanical and natural history subjects.

**Specialty:** Book illustration, and botanical artist.

Work by Birgitta Nordenskjöld

236  *Psalliota silvatica*

237  *Boletus edulis*

Other items in the HBL collection include:

3 ink drawings (2) of *Chrysanthemum*, 2 of *Helleborus niger*. 
NORMAN, Marcia Gaylord (Mrs. Edward)


Specialty: free-lance artist.


Photo by Richard C. Kelsey, Chatham
Work by Marcia G. Norman

238 *Lathyrus littoralis, Artemisia stelleriana* (Beach-pea, Dusty Miller)
Black crayon drawing. 10-1/4 × 8-1/2. Signed, undated [ca. 1962].

239 *Artemisia stelleriana* (Dusty Miller)
Black crayon drawing. 10-1/4 × 8-1/2. Signed, undated.

Nos. 238 & 239 reproduced in the *Falmouth Enterprise.*

240 *Solidago sempervirens* (Seaside goldenrod)

241 *Limonium carolinianum* (Sea-Lavender)

Reproductions of Mrs. Norman's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.
NORRMANN, Gunnar

Born, Malmö, Sweden, 28 May 1912. Studied and was a graduate student in botany and biology at Lunds Universitet 1930–38. Graduated from the Konstakademiens grafikskola [School of Graphic Art] (Stockholm) 1941. Address: Vallgatan 5, Lomma, Sweden.

Gunnar Norrman is a free-lance artist and book illustrator, whose delightful cover designs for Skånes Natur, published there regularly, and depicting a wide range of natural history subjects and genre scenes, have aroused the admiration of Scandinavian biologists and conservationists for the last 20 years. His work is perhaps better known to the art world, for it has been exhibited in most capitals of Europe, in Teheran, in Canada and the United States, and in South America. It is represented in the permanent collections of the British Museum, the major museums of Sweden, and the National galleries of Denmark and Norway.

Specialty: pencil and charcoal drawings, lithographs and dry points, primarily of natural history subjects and landscapes.

Awards: the Ellen Trotzig Stipend 1953; the Royal Fund (Kungafonden) 1958; elected to the (Swedish) Royal Art Academy 1967.

Work by Gunnar Norrman

242  *Cirsium palustre*  (Swamp Plume-Thistle)


243  *Chrysanthemum leucanthemum*,

*Holcus lanatus*  (Daisy, Velvet-grass)

Pencil drawing. Composition 8-1/8 \( \times 11-3/4 \). Signed.

244  *Phragmites communis*  (Reed-grass)

Pencil drawing. Composition 9 \( \times 12 \).

Signed.

Reproductions of Gunnar Norrman's plates of medicinal plants are displayed in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

The HBL collection includes also his pencil drawing of *Tragopogon pratensis*.
OSPINA H., Mariano


Mariano Ospina H., in addition to being a member of one of Colombia's leading families, and one of the few city planning engineers in his country, has for many years been an ardent grower and student of orchids. His collection is well known to orchid fanciers of South America and to others who have visited Colombia. An accomplished artist, he illustrated his own book on Colombian orchids, and his water colors of native species have been reproduced on several of the Colombian orchid stamps, now prized by philatelists.

Work published in: Ospina Hernandez, Mariano - Orquideas colombianas. Colombian orchids. [Spanish text on odd pages, English text on even pages]. Bogotá, Publicaciones Tecnicas Ltda., [1958]. - With 10 col. pls. The Colombian postage stamps bearing full color reproductions of Mr. Ospina's paintings were issued from 1947-1953. The plates for these are reproduced also in his Orquideas colombianas.
Work by Mariano Ospina H.

245 **Phragmipedium caudatum**

246 **Masdevallia coccinea**
Water color. 15-1/2 × 10-1/4. Signed, undated [pre-1952].

Reproduced, at left below, the Colombian postage stamp engraved from this original water color.

Nos. 245 and 246 reproduced in Ospina Hernández's *Orquidas Colombianas* (1958).
PARK, Dorothy Lincoln

Born, Taunton, Mass., 7 January 1893. Graduated from New England Conservatory of Music (Boston), 1916, and has been a teacher of organ and piano since then. Is currently organist, Dover Church, Dover, Mass. Studied drawing and painting, Adult Education Dept., Museum of Fine Arts (Boston). Address: Farm St., Dover, Massachusetts.

Miss Park is known to American botanists and horticulturists through reproductions of her work in gardening books. Her work as a botanical illustrator was wholly avocational, and she once wrote that "my experiences with botanical drawing were the result of a temporary but fascinating hobby. It is very pleasant to have these experiences recalled." Her first professional work in this field was in collaboration with Dorothy Falcon Platt (Mrs. Charles) of Philadelphia, well known for her water color portraits of garden plants, illustrating a work compiled and edited by Miss Park's sister, Kathryn S. Taylor. This production led to her being chosen to illustrate the small volume on Plants of colonial days.

Work by Dorothy L. Park

247 Carpinus caroliniana (American Hornbeam)
Ink drawing. 4-1/4 × 3-3/4.
Unsigned, undated [ca. 1951].

248 Ilex glabra (Ink Berry)
Ink drawing. 4-1/4 × 3-7/8.
Unsigned, undated [ca. 1951].
Reproduced in Taylor, R. L. - Plants of colonial days.

The HBL has been given by Miss Park the 160 original drawings for Plants of colonial days, and the 16 plates of drawings reproduced in Taylor, K. S. - A traveller's guide to roadside wildflowers (example, much reduced, shown below).

249 Panel from Taylor, K. S. - A traveller's guide... (1949, p. 60). (632) Prosopsis juliflora (Mesquite), (633) Thermopsis montana (Golden Banner), (635) Cassia fasciculata (Desert Pea), (636) Cassia armata (Desert senna).
PERSSON, Karin

Born, Simlinge (Malmöhus Prov.), Sweden, 6 February 1891. On completion of high school, graduated from landscape gardening studies at Agdatorps Trädgårdsksola 1909, studied under Edvard Glaesel, landscape architect at Copenhagen’s Det Tekniske Selskabs Skola 1910-11, at the Danish Royal Academy of Art (Copenhagen) 1911-14. Graduated from Högre Konstindustriella Skolan (Stockholm) 1918. For some 40 years was teacher of fine arts at Lycéet för Flickor (Stockholm). Address: Bretenfelsgatan 7, Stockholm Ö, Sweden.

During the period 1919-39, Miss Persson produced mainly woodcuts, but gradually shifted to engraving in which she is acknowledged to be Sweden’s outstanding master. Not only has she illustrated books, but is even better known for the large number of items represented by her prints. While many of these are of botanical and other natural history subjects, others are of landscapes, architectural renderings, and street scenes drawn during her travels throughout western and central Europe.

Exhibitions: Miss Persson’s work has been exhibited in the larger shows of Europe for the last forty years, as well as in those of South Africa, South America, and the United States. Her drawings and prints are in many permanent collections, including that of H. M. King Gustaf VI (Stockholm), the Athenaeum (London), and in Helsinki, Bergen, Philadelphia, and New York.


Photo by Ugglà
Work by Karin Persson

251 Heracleum sp. (Cow-Parsnip)
   Wood engraving. 11-3/8 × 8.
   Signed (no. 1/30), dated 1952.

252 Rosa sp., Lychnis alba, Fritillaria meleagris (Book-plate for Hans Bergström)
   Wood engraving. 4-3/8 × 3.
   Signed, undated.

253 Fritillaria meleagris, Lychnis alba, Hepatica sp. (Book-plate for Dr. Herbert Bjerlov)
   Wood engraving. 3-1/2 × 2-1/4. Signed, undated.

254 Anemone pulsatilla (Pasque-flower)
   Wood engraving. 6-7/8 × 5. Signed, dated 1954.

   Reproduced as "Moto grazio" in Palmgren's
   Karin Persson.
POLUZZI, Carlo

Born, in the town of Seveso, 14 miles north of Milano, Italy, 14 March 1899. Address: 3 rue Saint-Ours, Geneva, Switzerland.

Carlo Poluzzi, trained as a mycologist, is a retired official inspector of mushrooms sold in the city of Geneva. More than that, he is a self-taught free-lance artist of skill and productive accomplishment. He has painted water color portraits many times of most of the Swiss species of fleshy fungi. His plates reveal his native talent, his mycological knowledge of the plants as botanical subjects, and a fidelity to technical detail that make his paintings models of their kind. While he illustrates the fungi primarily by water color, his pen and ink drawings of them and of their technical characters are excellent studies of themselves.

Work by Carlo Poluzzi

255  **Boletus albidus**


256  **Hygrophorus coccineus**


    Reproduced in Roch & Poluzzi - *Médecine et champignons vénéneux*, displayed with the painting.

No. 255
PRINS, Johanna Maria Christina


Miss Prins' botanical paintings came to the notice of horticulturists and botanists with the publication of the rose volume cited below. For many years she has specialized in water color portraits of all kinds of flowers, but only recently has her work come into print.

Work published in: Prins, Johanna M. C. - The rose today, a selection of modern varieties. Introduction by Gerd Krüssmann. s'Gravenhage, L. J. C. Boucher, n.d. [1965]. - This is a translation of the original Dutch edition.
Work by Johanna Prins

257  **Rosa** 'Baccara'
    Water color. 14 × 10-1/4.
    Signed, undated [ca. 1964].

258  **Rosa** 'Peace'
    Water color. 13-7/8 × 10.
    Signed, undated.

Exhibited with the two paintings is an opening to one in Prins - The rose today.
RAVINDRAN, Oyitty Thavorath


Mr. Ravindran's work as a botanical artist, for which he is self-trained, commenced as a hobby. He specialized in water color portraits (all natural size) of South Indian wild and cultivated orchids, and of which more than 100 paintings have been completed. Currently he is supporting his continuing university graduate studies in botany through the sale of his works. As a free-lance journalist, he has published many feature articles on botanical and horticultural subjects, illustrating them with his own pen and ink drawings. In all his writings, he signs himself O. T. Ravindran. When asked for his full name, he explained that it was not necessary to expand it, for "I am known even here in India as Ravindran, belonging to the 'O. T.' family."

Work published in: numerous newspaper and magazine articles (copies on file at the Hunt Botanical Library) published in The Hindu, The India Express, and others.
Work by O. T. Ravindran

259 **Vanda tessellata**
Ink drawing and wash. 9-1/2 × 8-1/4. Unsigned, undated.

260 **Propax reticulata**
Water color. 5 × 3-1/2. Signed, undated.

261 **[Same]**
Ink drawing. 5 × 3-1/2. Unsigned, undated.
RAYNAL, Aline Marie (Mme. Jean)


Mme. Raynal, primarily a botanist, is a highly competent artist and botanical illustrator, although she limits her illustrating to her own botanical publications. While her published art work is in pen and ink, she bases much of this on colored sketches from the living plants, drawn with pen and color-pencil shaded. She reports that during holidays she indulges in the pleasure of painting in oil. As a hobby, with her husband, also a taxonomist in the same institution, she maintains a rock garden of alpine plants collected by them in the Alps and the Mediterranean. Address: Muséum National d'Histoire Naturelle, Laboratoire de Phanérogamie, 16 Rue Buffon, Paris Ve, France.

Specialty: taxonomic botanist, illustrates her own papers in pen and ink.

Work published in the French botanical journal Adansonia. Some of her work will appear shortly in the Flore du Cameroun. Ecological diagrams of vegetation types have been published in Ann. Fac. Sci. de Dakar, and in Bull. de l'I.F.A.N.
Work by Aline Marie Raynal

262  **Craterostigma gracile**

263  [Same]

264  [Same]

Lent by Mme. Raynal.
REINER, Imre

Born, Versec, Hungary, 18 August 1900. First trained in Hungary as a sculptor, Imre Reiner moved to Germany in 1920 where he studied at the Akademie für Bildende Kunst (Stuttgart) under Ernst Schneider. Since 1938 he has lived in Switzerland on Lake Lugano, as a free-lance artist, type designer, and book illustrator. Address: 17 Via Tanello, Ruvigliana, Switzerland.

Much of Imre Reiner's book illustration work is with wood engravings, for books by both classical and contemporary authors. From the few that are botanical or horticultural there are Garten im Herbst (1964) and Rilke's Les roses (1959). On the other hand he has made many paintings, lithographs, and drawings of flowers and plants. Recently he wrote, "I am very much attached to nature and used to draw each year the Thistle which I find here in our woods. The newer thistles ... are all water colour drawings ..." When illustrating in wood, he engraves free pictures with no preliminary drawings, using a minimum of tools. Among the type faces designed by him are Corvinus, Reiner Script, and Contact. His lithographs are highly prized by art collectors, and unlike his wood engravings are based on original drawings - often larger in size than the print.

Exhibitions & awards: Mr. Reiner has enjoyed one-man shows in most European art centers, and for this country, Philadelphia 1949, Chicago 1956, and San Francisco 1963. In 1962 he was elected Honorary Member of the Accademia Florentina (founded by Michelangelo and Cosimo Medici).

Work by Imre Reiner

265  *Campanula latifolia, Rosa sp.* and others  (Bellflower and Rose)

Lithograph.  24-3/8 × 16-7/8.  
Signed, dated 1963.

266  *Dianthus caryophyllus*  (Carnation) and others

Lithograph.  24-1/8 × 16-7/8.  
Signed, dated 1964.
RIEFEL, Carlos

Born, Kirchdorf, Ober-Österreich (Upper Austria), 15 July 1903. After finishing Gymnasium studies, during which time he was also a page in the Imperial Court, where his father was a state official, he attended the Akademie der bildenden Künste [Academy of Creative Arts] in Vienna, and studied under Professors Sterrer and Bacher. Appointed Professor of Art at Akademischer Maler (Vienna) 1961. Address: Maria-Enzersdorf, Hauptstrasse 8, Austria.

Carlos Riefel may be best known to botanists and horticulturists for the reproductions of his superb water color portraits of rhododendrons in Mrs. Urquhart’s publication cited below. His work is certainly well known to philatelists everywhere who have admired and prized the many botanical designs by him that have appeared on Austrian postage stamps.

His first exhibition was in Paris, 1929, followed by others in Berlin and Vienna. This early work was mainly portraiture, and was followed by a brief interlude as a landscape painter traveling from Norway to Russia and Greece. Thereafter he developed his vocation as a free-lance botanical artist and teacher. He has completed several commissions to design and paint murals for official buildings in Lower Austria.

As a botanical artist he is a realist in the extreme, exemplified by his water colors of leafy branches of table fruit and by his portraits of full-flowered trusses of cultivars. An exhibition of these at the Royal Horticultural Society won him its Grenfell Medal in 1956. A retrospective exhibition of his work was held in Vienna 1967.

Work by Carlos Riefel

267  
**Punica granatum**  
(Pomegranate)  

268  
**Prunus spinosa**  
(Sloe-berry)  

269  
**Aquilegia vulgaris**  
(Columbine)  
Design for postage stamp.  

270  
[Same]  
Ink sketch, 11 × 8; and pencil sketch, 6-1/2 × 5-1/4.

Shown below (lower left) is a photograph of the block of stamps exhibited with the drawings.

Reproductions of Carlos Riefel's work, and Austrian stamps designed by him, are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.
ROBERTS, Mary Virginia (Mrs.)

Born in San Joaquin Valley, California, Mrs. Roberts (née Virginia Roberts Dugan) graduated from Stanford University as a history major. Virtually untrained as an artist, she is self-taught and began to illustrate California plants in 1958, specializing in the roadside weeds of that flora. From almost the beginning she has held to the large poster format of the examples in this exhibition, executing her somewhat stylized essentially flat designs in water color with pen outlines. Address: 334 Mason St., San Francisco, California.

Mrs. Roberts work has been exhibited widely across the country, in nearly thirty one-man shows. Among the institutions concerned are: the Los Angeles County Museum, the California Academy of Sciences, Field Museum (Chicago), U. S. National Arboretum (Washington, D.C.), Oklahoma City Art Center, the Henry Ford Museum (Dearborn, Mich), the Davenport (Ia.) Municipal Art Gallery, and the Salt Lake City Public Library. Sixty-five items of her work are in the permanent collection of the Frye Art Museum, Seattle.

Mrs. Roberts has been preparing recently a set of her work to illustrate the berry fruits and their relatives.

Reproductions of her plates have been published in various programs and publicity material associated with the many exhibitions of her work. They appear also in Grothaus, Molly - Lowly weeds get "Beauty Treatment." [Corvallis], Oregon Journal, (5 August) 1965.
Work by Mary V. Roberts

271 *Typha latifolia* (Cattails)
   Water color. 40 × 30.
   Signed, undated [1965].

272 *Cynara scolymus* (Artichoke)
   Water color. 40 × 30.
   Signed, undated [1965].

The HBL collection also contains an illustration of *Datura stramonium* (Jimson-weed).
RODRIGUEZ-Caballero, Rafael Lucas


Professor Rodriguez is one of those uncommon persons - gifted and talented in many and diverse activities. Professionally a botanist, he is recognized as an authority on the identification of Central American orchids, and on members of the Umbelliferae (Carrot family) of Central America. He has proved himself a capable administrator and is Chairman of his University's Department of Biology.

Avocationaly he is an artist and an illustrator whose work ranges from technical anatomical drawings of plant tissues to beautiful color plates of Costa Rican orchids - several of which have been reproduced on his country's postage stamps. He designed a billfold featuring in gold the maize (corn) plant, presented by President Calderón to Vice-Pres. Henry A. Wallace in 1943, and has designed jewelry made by Costa Rican craftsmen incorporating Costa Rican orchids, for official gifts of State.

Knowing of his love for the writings of Dickens, Mark Twain, and others, he was asked if English literature was an avocational interest. Thinking this too pretentious he countered with "reading it" might be a more truthful statement. A corollary to his art talents is his active interest in calligraphy, and his membership in the Coro Universitario (University Choir). In a late communication he reports, "you may now list me as happily married, no children."


Bracelet design, of. No. 277
Work by Raphael L. Rodriguez C.

273 *Brassia caudata*

274 Study for a mural in the Dept. Biología, Univ. de Costa Rica.

275 *Maxillaria sp.*

276 *Lycaste cruenta*

277 *Zea mays* (Maize, Corn) and *Rosa sp.* Design for billfold executed in gold for Henry A. Wallace.
Costa Rican orchids, designed for bracelets
Ink drawings (3). Composition 8-1/4 X 6-1/4 (Tracing).

278 *Cattleya skinneri f. lilacina*

279 *Chondrorhynchia aromatica* [*Cochleanthes aromatica*]
Water color. Sheet 12 X 9-1/2. Signed and dated on back. - Designed and painted for the Costa Rican stamp to aid the University Library.
ROSARIO, Arnulfo C. del


Mr. del Rosario is one of the leading botanical artists and illustrators in the Philippines. While his professional work is primarily of pen and ink drawings of agricultural crops and of technical structural features, he has done scores of plates of tropical ornamental plants in color, tempera, and in line. His more artistic works have been exhibited in the Mandala Theatre and Arts, Inc., University of the Philippines 1963.

His work is in the permanent collections of Union Carbide Philippines (Makati, Rizal), College of Forestry (Laguna), International Rice Institute, Los Baños (Laguna), Educational System Development Corp. (Makati, Rizal), and the L. H. Bailey Hortorium, Cornell Univ. (Ithaca, N.Y.)

Work by Arnulfo del Rosario

281  **Strongylodon macrobotrys**  
     (Jade Vine)  

282  **Colocasia esculenta**  (Taro)  
     Reproduced in *Baileya*.  
     Lent by the L. H. Bailey Hortorium.
ROSHARDT, Pia S. (Mrs.)

Born, Mayenfeld (Grisons Canton), Switzerland, 27 January 1892. Free-lance artist and illustrator. Address: Wasserwerkstrasse 98, Zürich 8037, Switzerland.

Mrs. Roshardt is certainly one of Switzerland's best known painters of botanical and gardening subjects, and the leading illustrator of horticultural colorplate books published there in the last two decades. In much of her work she has developed with consummate skill, and made full use of the water-soluble color-pencil. Here she uses water-moistened brushes to smooth out and eliminate the pencil strokes and to produce desired shadings and tonal values, blotting the moist area as she proceeds and at once giving strength where required by adding pencilled outlines in color before the still-moist surface becomes dry. She has used this technique most effectively in her plates of cacti and many other succulent plants.

An ardent lover of nature, she has been active in the development of protective conservation measures in behalf of Switzerland's world-famous alpine flora. To this end she has illustrated numerous children's books on Swiss plants and animals, emphasizing the need for conservation if they are to be preserved for posterity. She has also designed several of the "Pro Juventa" Swiss flower stamps, widely admired and long prized by collectors. Her paintings have been exhibited at the American Museum of Natural History (New York).

Specialty: botanical and zoological art and illustration, especially of Swiss and garden flowers, in color-pencil and wash.

Work by Pia Roshardt

283  *Notocactus rutilans* (left),
     *Neocopteris reichel* (right)
     Color pencil drawing. 7-1/2

284  *Astrophytum myriostigma* var.
     *coahuilense* (rear), *A.
     myriostigma* (front right)
     Color pencil drawing.
     7-1/2 × 6-1/8. Signed,
     dated 1958.
ROSS-CRAIG, Stella (Mrs. J. Robert Sealy)

Born, Aldershot, Hants., England, 19 March 1906. Educated at private schools, the Thanet Art Schools, and (for botany) Chelsea Polytechnic School of Univ. London. Miss Ross-Craig was artist for the Royal Horticultural Society, and on the staff of the Royal Botanic Gardens, Kew, 1929-60. She works also as a free-lance artist.

Miss Ross-Craig's work as a botanical artist is of world-wide renown, and especially so for the plant portraits and accompanying diagnostic drawings as reproduced in Curtis's Botanical Magazine, Hooker's Icones Plantarum, and Kew Bulletin. Her work has figured more than 3,000 plants in full plates or by text figures, the majority having been published but some were for official records of the Kew collections. Her full color plates of camellias, lilies, magnolias, and peonies in the cited monographs below are further records of her accomplishments to date. She signs her work in full or as "S. R.-C." Address: Royal Botanic Gardens, Kew, Richmond, Surrey, England.

**Specialty:** botanical art but also does portraits, landscapes, and still life. Her media are water color, pen and ink, pencil, and pastel.

**Exhibitions:** The Harrogate Festival 1967, and numerous exhibitions of botanical art at the Royal Botanic Gardens of Kew and Edinburgh, and at the Rijksbeyanim in Leiden.


Photo by Ralph Steptoe
Work by Stella Ross-Craig

285  **Camellia taliensis**
    Water color. 12 × 10.
    Signed, undated [1966].

286  **Magnolia campbellii**
    Water color. 17-1/2 × 14.
    Signed, undated [1967].

287  **Bulbophyllum tremulum**

Reproductions of Miss Ross-Craig's paintings and drawings are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

No. 285

No. 286
ROSVALL, [Erik] Steffan


Steffan Rosvall is clearly an artist with a deep compassion for nature, is one who draws on it freely for the subjects of his light, delicate, and graceful pen and ink drawings, as well as for his distinctive but often heavier wood engravings. Some of the latter are done in two and three colors. Prints of his work are well known in Sweden, and the several books he has illustrated are highly prized for the reproductions of his work. To botanists he is best known for his now scarce work illustrating both in color and in line the native orchids of Gotland.

Specialty: book illustrator and printmaker, with special interest in painting and drawing elements of the native flora.

Work by Steffan Rosvall

288 **Anemone ranunculoides**

289 **Anemones**

290 **Carlina sp. (Thistle), Campanula sp. (Bellflower)**

291 **Aster sp.**
   Ink drawing. 7 × 5. Unsigned, undated.

292 **Euphorbia sp.**
   Ink drawing. 8-1/4 × 6. Unsigned, undated.
   Nos. 289-292 reproduced in Larsson’s *Tillflykt*.

293 **"Murgrönan klänger på granstammen." [January] (Hedera helix cv. - English ivy)**

294 **"Adam och Eva blommar i rött och vitt" [May] (Orchis sp.)

295 **"Martorn vid stranden." [November] (Eryngium maritimum - Sea Holly)

296 **"Liten tall i sno." [December] (Pinus sp. - Pine)

Nos. 293-296 are all signed undated proofs of wood engravings 7-1/2 × 4-5/8 for Almqvist & Wiksell’s Almanack 1958. Shown also is the block for No. 294.
RUSHMORE, Arthur Wisner

Born, 9 May 1884. Graduated from Adelphi Academy (Brooklyn) 1904, when he joined the publishing firm of Harper & Brother, serving in various capacities but primarily as head of the Design and Production Division until his retirement in 1949. Through his many years of developing high standards of design quality in the books published, the firm was awarded in 1942 the National Bookbinding and Book Production Award for consistent excellence in trade book design. Arthur Rushmore died 15 September 1955. He is survived by his widow, and two daughters.

In 1927 he and Mrs. Rushmore founded at their Madison, New Jersey home, The Press of The Golden Hind. Together they designed and printed by hand more than 150 items, largely books, whose excellence brought them international fame. In 1945 Mr. Rushmore developed a process by which printing was done directly from frail and delicate specimens of pressed and dried plants; a technique he dubbed "hay printing, from plates by God."

Basically, the process involved placing a sheet of halftone copper on a type-high block, inking it well, then pressing the fern leaf or other plant material into the inked surface. The specimen is covered with a sheet of paper and a sheet of rubber on top of the paper. The two are squeezed hard against the specimen. The inked copper plate is replaced with a clean one and a sheet of print paper is laid on it. The inked plant specimen is lifted onto the print paper, its inked side on the paper. This is covered again with paper and rubber sheet, pressed hard, and the resultant print is produced. With care, many "hay prints" can be made from a single specimen. This is a novel form of nature printing; a process of many variant types used in Germany three centuries ago, and modified by Ben Franklin to produce Colonial paper currency that defied counterfeiting.

Arthur Rushmore made and distributed these "hay prints" among his friends, and became a modern botanical artist without conscious intent to do so. We are indebted to Mr. Paul Standard for bringing his activity to our attention, and to Mrs. Rushmore and her daughter (Mrs. Arlo A. Brown, Jr.) for data for this account.

From oil painting by Helen Habbertsd
Work by Arthur W. Rushmore

297 **Acer palmatum**  (Japanese Maple leaf)

298 **Rubus** sp.  (Blackberry leaflet)

299 **Daucus carota**  (Queen Anne’s Lace, leaf portion)

300 **Juncus tenuis**  (Rush)

Signed, dated 1947.

All are nature prints, $6 \times 4-1/4$, nos. 297–299 unsigned, undated.
SALVADO, Samuel Onésimo

Born, in the city of São Francisco du Sul, in the state of Santa Catarina, Brazil, 20 May 1909. Studied in Rio de Janeiro at the Escola Nacional Brasileira de Belas Artes, the Sociedade Brasiliiero de Belas Artes, and under private instruction. Awarded Diploma, Famous Artists School, Westport, Conn.

Sr. Salvado is primarily a botanical artist and illustrator, although he has done free-lance work in other areas of natural history. In 1943-44 he was a staff artist at the Museu Nacional de Historia Natural, Rio de Janeiro, and for a shorter time a free-lance artist at the Institute Nacional de Livro. He has completed a suite of orchid color plates for the Brazilian collector, Dr. Guilherme Guinle, of Petropolis. On two occasions he visited and worked in the United States (1960-61 and 1966-67). Sr. Salvado is currently a free-lance artist specializing in orchid portraiture. He paints orchid portraits for the hybrid and cultivar documentation requirements of Florália, an orchid-growing establishment in Petropolis, Brazil. For avocational interests he does oils of landscapes, architectural scenes (especially rural), and animals. Address: Rua Evangelina 22, Olaria-ZC-22, Rio de Janeiro, GB, Brazil.

Specialty: orchid portraits and Brazilian landscapes.

Work by Samuel Salvado

301  **Catasetum** sp.
    Ink drawing. 12 × 7-3/4.
    Signed, dated 1968.

302  **Miltonia clowesii**
    Water color. 16-1/4 × 11.
    Signed, dated 1963.

Reproductions of Sr. Salvado's work are exhibited in the Hunt Library's Fine & Rare Book Rooms, 4th floor.

Other items by Samuel Salvado in the HBL collection include:

- **Potinara 'Hugo Porto'** (water color)
- **Zygopetalum maxillare** (water color)
- **Oncidium** sp. (ink drawing)
SCHLAGETER, Laura (Mrs. Karl H. Krause)

Born, New York City, 5 February 1922. B.A. Bryn Mawr Col-
lege 1943, Parsons School of Design (New York) 1953, Escuela
de Artes Plasticas 1944. The Eliot O'Hara Water Color School
(New York) 1945 and '47, Art Student's League (New York) 1944,
'45, Oskar Kokoschka Schule des Sehens (Salzburg) 1954. Ad-
dress: Apartado 112, Caracas, Venezuela.

The work of Laura Schlageter Krause is best known to biologists
through the reproductions of her painting on the dust jacket of
William Beebe's *High jungle* (1949). Versatile in many media,
her work appears mostly in water color, gouache, and oils.
Her drawings in pencil and charcoal are also well known.

Exhibitions: among her numerous one-man shows are those held
at the Centro Venezolano-Americano in Caracas 1945, '46, '48,
and '51, and that at the Argent Gallery (New York) in 1949.

New York, Duell Sloan & Pearce, [1949]. - the dust jacket
painting. Walker, Phoebe F., Short, Dorothy & O'Hara,
Sons, [1948]. Also, cover illustrations for *El Farol*, *Creole
Petroleum Publications*, 1947-51; and for *The Lamp*, N. Y.
Creole Petroleum Corp.
Work by Laura Schlageter

303 [Unnamed Lichen, Venezuelan]

SEAGRIEF, Stanley Charles

Born, Salisbury, Rhodesia, 21 February 1927. Algologist and palynologist specializing in studies of fresh-water and marine algae of South Africa, and in pollen analysis. Dr. Seagrief holds four degrees, as follows: B.S., B.S. Honors, and M.S. Rhodes University, Grahamstown Univ., South Africa 1947, '48, and '50; PhD. Cambridge Univ., Cambridge, England, 1955. He is currently Senior Lecturer in Botany, Rhodes Univ., Grahamstown, South Africa.

Dr. Seagrief illustrates his published research studies with both pen and ink and water color illustrations. His earlier work was more with pollen analysis and plant ecology, but latterly with studies of the seaweed flora of South Africa. Currently he is preparing a series of water color paintings to illustrate all the genera and species of seaweeds found along and off the coast of South Africa. In addition to investigating the morphological and taxonomic aspects of seaweeds, he has recently commenced investigations of their physiology and the resolution of problems encountered in growing them in culture to fruiting stage.

His major publication, illustrated with color plates of his water colors, is: Seagrief, S. C. - Seaweeds of the Tsitsikama Coastal National Park. [Johannesburg, Dagbreek Press for the National Parks Board], 1967. - 146 pp., 65 col. pls.
304  **Sargassum heterophyllum**  
(Sargassum-Weed)  

305  **Ecklonia biruncinata**  
(Ecklon's Kelp)  

306  **Duthlophycus setchellii**  
(Setchell's Coralline)  

These paintings are reproduced as pls. 21, 16, and 61 respectively in Seagrief - *Seaweeds* (1967) exhibited with the originals.

Lent by Dr. Seagrief
SHEEHAN, Marion Ruff (Mrs. Thomas J.)


Marion Sheehan, trained in both botany and fine arts is a botanist's and horticulturist's illustrator. Her first botanical mentor, after leaving the university, was Liberty Hyde Bailey. Her husband, Dr. Sheehan, is a horticulturist at Univ. of Florida, and with him and their family she has travelled widely. In recent years she has found her interest on the illustration of tropical plants. Mrs. Sheehan had a one-man show at the Fairchild Tropical Garden, 1966.

Specialty: botanical art and illustration; pen and ink, water color, pastel.

Work by Marion Ruff Sheehan

307 Gesneriaceae. Plants (top left, clockwise): Kohleria amabilis, Smithiantha cinnabarina, Kohleria lindeniana, Achimenes longiflora 'Ambroise Verschaffelt', Achimenes longiflora


309 *Brassia actinophylla

310 *Aralia
   Scratchboard drawing. 9-1/4 × 7-1/2.

311 *Philodendron sellowianum
   Scratchboard drawing. 7-1/4 × 9-1/8.
   All reproduced in Florists' Review, 1957-62.

Other items by Mrs. Sheehan in the HBL collection include:

2 Magnolia grandiflora (flower & fruit) water color
2 Camellia reticulata cvs.
2 Camellia japonica cvs.
61 Foliage plants, scratch-board
SIERRA-Ráfols, Eugeni

Born, Barcelona, Spain, 11 May 1919. Graduated from the University of Barcelona 1936; in military service (Spanish civil war, and W.W. II) 1936-43; student and assistant at Instituto Botánico de Barcelona 1943-50. Emigrated to Chile 1950. Currently is Professor Auxiliar de Botánica, Escuela de Agronomía de la Universidad de Chile. Address: Avenida Salvador 2046, Santiago, Chile.

Professor Sierra-Ráfols is a highly accomplished botanical artist among that group of illustrators who are professional botanists. In the course of his investigations he has collected and painted plants across Spain, in much of Chile, on the Ferdinand Po Island, and in the Juan Fernandez Islands. He prefers to work with water color, but for scientific journals and many books his illustrations are in pen and ink. His paintings were exhibited in a one-man show at the Instituto Chileno-Norteamericano de Cultura, Santiago.

Specialty: taxonomic botanist, especially for the Chilean flora; botanical artist and illustrator.

Work by Eugeni Sierra-Ràfols

312  Alstroemeria gayana
    Water color. 19 × 12-1/2.
    Signed, dated 1966.

313  *Fuchsia magellanica
    Water color. 18-1/2 × 12-3/8.
    Signed.

314  Lapageria rosea  (Copihue)
    Signed, undated [1967].

Other water colors by Mr. Sierra-Ràfols in the HBL collection include:

Bipinnula fimbriata  (Orchidaceae)
Campsidium valdivianum
Eucryphia glandulosa
Leucocoryne purpurea
Lobelia tupa
Nolana paradoxa
Puya sp.
Schizanthus pinnatus
SMITH, Susan Carlton

Born, Athens, Ga., 30 June 1923. Graduated with B.S. from University of Georgia, 1947, and M.F.A. 1961. Following 1947 she completed graduate work in Zoology and Botany toward the M.S. degree, and worked as scientific illustrator several summers at the University of Virginia's biological field station at Mountain Lake, Va. Scientific Illustrator at Medical Entomology Division, U.S. Public Health Communicable Disease Center, (Atlanta) 1952; free-lance biological illustrator University of Georgia 1953. In addition was Artist for the University's Archaeology Dept.; illustrator for its Agriculture Extension Service; Herbarium Assist. Botany Dept.; and Costumer in the Speech and Drama Dept. where she taught a Speech course; during 1964-65 she was Biological Illustrator for the University's Science Center. Appointed to Medical Illustration Dept., Duke University Medical Center, 1966, Assist. Curator of the medical library's Trent Collection 1967+. She continues her career as free-lance illustrator, currently serving the Botany Dept., Duke University.

Miss Smith's special interest is botanical illustration, especially water color portraits of wildflowers and of fungi. In addition she is well known for her water color miniatures of plants and animals. One of her hobbies is the production of sculptures wholly from natural materials found in the woods and fields of the outdoor world.

Her water colors and sculptures have been exhibited in Georgia, North Carolina, Virginia, and New York.

Work by Susan Carlton Smith

315  *Dionaea muscipula*  (Venus' Fly-trap)

316  *Coprinus comatus*  (Shaggy-mane Ink Cap Fungus)

317  [Same], after sporulation
     After maturing the gills and cap dissolve into a messy black liquid,
     a process of autodigestion.  The fungus is edible in the "button" stage.

318  *Talinum mengesii*  (Fame-flower)
STONES, E. Margaret

Born, Colac, Victoria, Australia, 30 August 1921. Studied at Swinburne and National Gallery Art Schools, Melbourne. Came to England, March 1951, worked independently at Royal Botanic Garden Herbarium, Kew and at British Museum (Natural History), London; also in the Herbarium, Jardin de l'État, Brussels. Artist to Curtis's Botanical Magazine (Royal Horticultural Society) since 1955. In Australia, 1961-62 on commission to execute 20 large plant portraits for Art Advisory Board, and 35 Tasmanian endemics for a private patron.

Specialty: water color portraits of botanical subjects, also in pen and ink.


Work by E. Margaret Stones

320  **Eucalyptus stoatii**
    Water color.  12-1/4 X 8.
    Signed, dated 1964.

Exhibited below is a hand colored collotype reproduction of Miss Stones' *Lilium michiganense*, for a limited edition of 40 copies of Part VIII, *A Supplement to Elwes' monograph of the genus Lilium* [1960].

Other water colors by Miss Stones in the HBL collection include:

*Banksia littoralis*.
Floral composition: *Crocus, Rubus*. 
SVOLINSKY, Karel

Born, 14 January 1896, at Svaty Kopeček near Olomouc, Moravia (then Austria, since 1918 Czechoslovakia). He was trained first as a wood-carver, then (since 1920-27) studied at the Arts & Crafts School in Prague working under the professors Zálešák, Kafka, Kysela. Since 1945 professor at the High School of Arts & Crafts, Prague, a position he continues to hold. He and Mrs. Svolinsky worked in Pittsburgh December 1938-March 1939 designing and painting the murals for the Czechoslovakia room in the Cathedral of Learning, Univ. Pittsburgh. To many persons throughout the world he is best known for his designs of more than 100 Czechoslovakian postage stamps, featuring portraits, flowers, mushrooms, native costumes, etc. Address: Na-Zátorce 13, Prague 6, Czechoslovakia.

Specialty: artist, engraver, illustrator.

Completed works include: two monumental stained-glass windows (1930-33) and two mosaics (1938) in the Cathedral of Prague. Stained-glass composition for the exhibition EXPO 58 in Brussels. Mosaics for Astronomic Horologe in Olomouc 1955.

Stage designs and costumes for: the operas The Bartered Bride, The Secret, The Devil’s Wall, The Kiss by Smetana, The Jacobin by Dvořák, Jenůfa by Janáček, two operas by Martinů for the National Theatre in Prague, Jenůfa by Janáček for the Staatsoper in Vienna and the Bolshoi Theatre in Moscow, etc.


Work by Karel Svolinský

321 Bowl of mixed Spring flowers

322 Hepatica acutiloba
   Water color. 11-1/2 × 16-3/4.

323 Tussilago farfara (Coltsfoot)
   Shown with it is a pair of Czechoslovakian postage stamps reproduced from this painting.

324 Amanita muscaria
   Lent by the G. Lawrences.

325 Hepatica acutiloba
   Lent by the G. Lawrences.

Reproductions of work by Karel Svolinský are exhibited in the Hunt Library’s Fine & Rare Book Rooms, 4th floor.
TAKAL, Peter


Trained in the surrealist's environment, he soon left the Paris scene, came in close contact with nature, and emerged with his own style as "a figure draftsman of growing power and unusual sensitivity." In his earlier years he subsisted by working largely as a publications illustrator, but drawing itself absorbed his most serious effort. By 1953 he ceased magazine illustration and textile designing to devote full time to drawing. Drawing is recognized to be Takal's medium, even when augmented by color. Within this medium he uses pencil, pen and ink, silver point, crayon, and brush washes. During much of the year he works at his farm in Saylorsburg, Pa., and the influence of nature and its flora surfaces through much of his work. In 1932 he became interested in print making, and in more recent years has produced many interesting lithographs.

Exhibitions & Awards: More than 18 one-man shows, and 8 awards have recognized his work. Most of these are reported in detail in Prasse & Richards (1960).

Work published in: Prasse, Leona E. & Richards, Louise S. Recent work of Peter Takal. Catalogue of an exhibition ... [Cleveland, Cleveland Museum of Art, 1960]. Mr. Takal's prints and drawings are in the permanent collections of the major museums and public galleries of this country and Europe. A list of these and a partial bibliography of his works is at the Hunt Botanical Library.

Photo by Harry Hamburg
Work by Peter Takal

326  *Tragopogon pratensis* (Goat's-Beard) "Weeds in a Vase"

327  *Daucus carota* (Queen Anne's Lace) "Flowers in Barn"

Other works by Peter Takal in the HBL collection include:

*Asclepias syriaca* (Milkweed). Ink drawing on beige prepared ground with rubbed highlights.
*Bougainvillea spectabilis* (Bougainvillea). Ink drawing with water color.
[Same]. Lithograph.
*Lilium sp.* (Lilies). Brown oil ink drawing (a pair).
*Paeonia officinalis* (Peonies). Ink drawing.
*Papaver somniferum* (Poppy). Ink drawing.
THRELKELD, Gesina B. (Mrs.)

Born, Netherlands, 3 June 1920. After a childhood in Dutch East Indies she was educated in Holland; Matura Certificate from Netherlands Lyceum (The Hague) 1933-38, studied at the Univ. Innsbruck 1938-39, received Diploma Univ. Perugia (Italy) 1939, Certificate of Training in Botanical Art, Smithsonian Institution (Washington, D.C.) 1967. Cartographer for Dept. of Exploration, Royal Dutch Shell Group during World War II. Botanical illustrator to Wm. T. Stearn, British Museum (Natural History), and later at the Smithsonian Institution, Washington, D.C.

Mrs. Thrulkeld was commissioned by the XI International Botanical Congress Flower Stamp Committee to prepare designs under its direction of flower stamps to accompany its proposal to the U.S. Postmaster General that a set of four such stamps be authorized to commemorate the convening of that Congress in Seattle, Wash., in August 1969. The proposal has been approved, but without decision (as of October 1968) on acceptance status of Mrs. Thrulkeld's designs. Address: 2400 Tunlaw Rd., NW, Washington, D.C.

Specialty: botanical illustration in water color and pen and ink.

Work by Gesina Threlkeld

328 **Fouquieria splendens** (Ocotillo)
Water color. Sheet 14-1/2 × 8-1/2. Signed, undated [1966].

329 **Pseudotsuga menziesii** (Douglas Fir)

A projected stamp design, showing distribution map.

330 Botanical stamp designs (proposed for U.S. Commemorative): **Fouquieria splendens** (Ocotillo), **Pseudotsuga menziesii** (Douglas Fir), **Franklinia alatamaha** (Franklinia Tree), **Cypripedium reginae** (Showy Lady's-slipper).
Water color. Sheet 15 × 11.

331 **Franklinia alatamaha**

332 **Pseudotsuga menziesii**
Water color. Sheet 14-1/2 × 8-1/2.

The HBL collection contains numerous other preliminary sketches in ink and water color for the proposed stamp.
TRECHSLIN, Anne Marie

Born, Milan, Italy, 1927. For many years a resident of Switzerland, Miss Trechslin has established herself as one of that country's better known botanical artists and illustrators, and especially of roses. While Miss Trechslin considers "all flowers" to be in her area of specialty, her rose portraits have earned for her the sobriquet of "the Redouté of the 20th century."
The recent exhibition of them at the American Rose Society's annual convention in Nashville, Tennessee, brought her spontaneous acclaim and the award of Honorary Citizen of Nashville. The two volumes of her plates of roses are sought and treasured by rosarians. In 1967, the firm of H. T. Meilland - today's leading rose breeders - named a magnificent new cultivar in her honor; the first botanical artist known to be so recognized in recent time.

Work by Anne Marie Trechslin

333  *Bellis perennis*
    Water color. 7-1/8 × 5.
    Signed, undated.

334  *Rosa 'New York'*
    Water color. 13-3/8 ×

335  *Viola tricolor*
    Water color. 8-1/4 × 6.
    Signed, undated.

Reproductions of Miss Trechslin's work are exhibited in the
Hunt Library's Fine & Rare Book Rooms, 4th floor.
TRÖGER, [Katharina Margarete] Annemarie


Frau Tröger was for many years a free-lance scientific artist and illustrator, specializing in all subjects of natural history. Since her appointment to the staff of the Institut für Systematische Botanik [ca. 1959], she has completed more than 100 lecture charts in full color (such as that for Digitaria purpurea, included in this exhibition) that illustrate with unusual artistic merit and extreme scientific accuracy the important diagnostic features of each subject. The three-dimensional realism, the fidelity of such details as surface texture and vestiture, and of organographic structures so small as to be seen only with high magnification, place these charts among the finest of their kind. A majority of them are for the ferns and flowering plants. Currently she is engaged in preparing a series of highly magnified plates and charts illustrating the technical features of the salicified "shells" or skeletons of diatoms.

Specialty: Scientific illustrator, trained and experienced in anatomy, histology, anthropology, zoology, systematic botany.

336 *Veronica teucrium*
Water color. 16 × 10. Signed.

337 *Magnolia soulangiana*, seed pods, follicle, seed.

338 *Solidago canadensis*

339 *Cirsium arvense* (Plumed Thistle)

340 *Digitalis purpurea* (Foxglove)

341 [Same] Preliminary study
Water color. 20-1/4 × 10.

342 [Same] Lay-out sketch for chart (No. 340)
TSCHAFFON, Wanda Martins

Born, Pelotas (Rio Grande do Sul), Brazil, 13 September 1909. Studied painting, in oils and aquarelle, at Colégio de Santa José; studied in acrylics with Prof. Maria Keller; studied painting under Prof. Noemia Dias in Pelotas. Sra. Tschaffon currently holds an appointment as Auxiliar do Curso Pro-botânica, Jardim Botânico do Rio de Janeiro. Address: Jardim Botânico Rua, No. 108, Rio de Janeiro, Brazil.

Specialty: botanical artist and illustrator.

Exhibitions: paintings have been exhibited by invitation in Pelotas, Rio de Janeiro, and Paraná.

Work published in: botanical papers by members of the staff of the Jardim Botânico, Rio de Janeiro.
Work by Wanda Martins Tschaﬀon

343 **Coffea arabica** (Coffee)
   Gouache. 10 × 8-1/2. Signed, undated.

344 **Perianthomeza vellosii**
   Gouache. 10-1/4 × 8-1/2. Signed, undated.
UŠÁK, Otto

Born, Prague, 28 December 1892. Studied painting in Prague, in Yugoslavia, and in Germany. Free-lance artist and illustrator. A life-long student of nature in all its forms, he enjoyed most the assignments that gave him the opportunity to portray plants, animals, and landscapes. However, for many years the major part of his livelihood came from free-lance work for a large number of Czechoslovakian industrial firms. He died in Prague, 3 September 1957.

It was nearly by chance that Ušák’s natural talents and love for painting plants and animals came to the attention of the scientists requiring such work. The first of these were the Czechoslovakian mycologists and other botanists, notably Dr. A. Pilát, and later, Dr. Ivan Klášterský, and Dr. Miloš Deyl. While Ušák is best known for his aquarelles of edible mushrooms and other fungi, he considered one of his most remarkable productions to be a set of 110 aquarelles of roses done under the direction of Dr. Klášterský, unpublished, and now in the National Museum, Prague. His unfinished work, a collection of aquarelles of trees and shrubs indigenous to Czechoslovakia, remains with his family.

Work by Otto Ušák

345  *Carduus nutans*  

346  *Dendrobium cybele*  
Water color. 16-1/4 x 10. Signed, undated.

Reproductions of Mr. Ušák’s mushroom paintings are exhibited in the Hunt Library’s Fine & Rare Book Rooms, 4th floor.
von BELOW, Irma (Mrs. Irma Kerr)

Born, Middleburg, Cape Prov., South Africa, 13 January 1920. Educated at Maria Stella convent (Durban) and Rockland Girls High School (Craddock). Trained as a nurse at Johannesburg General Hospital. By her marriage in 1945 she has a son and daughter. Early in the 1950's she attended art classes for two years at Johannesburg Technical School.

Miss von Below's lifetime interest in gardening led her to study South African wildflowers, and especially the many species of Erica. In 1959 she promoted production of a monograph of the genus to be illustrated largely by her. Guidance given by the doyen of South African botanical artists, Cythna Letty Forssman, and assistance from botanists and collectors, including R. A. Dyer, W. B. Rycroft, E. G. H. Oliver, and Col. H. A. Baker, contributed to the beautiful and botanically accurate portraits of these species. The first 5 were published in Flowering Plants of Africa, and the great majority of the others in the Erica monograph cited below. The species from the southwestern Cape area are illustrated by Fay Anderson (see pp. 20). In addition to her continuing work as a botanical artist she managed a sheep and cattle ranch of some 800 acres near Humansdorp. Address: P. O. Box 168, Humansdorp, Cape Prov., South Africa.

Exhibitions: The Royal Horticultural Society awarded Miss von Below its Grenfell Gold Medal in 1968 for her exhibition of Erica paintings.

Work by Irma von Below

347  *Erica diaphana*
    Water color. 9-1/4 × 6.
    Signed, undated [1968].

348  *Erica cerinthoides*
    Water color. 9-1/4 × 6.
    Signed, undated [1968].
WEISZ, Josef


Josef Weisz is best known to botanists and horticulturists for his superbly illustrated book on alpine plants, and for his illustrations in the centennial edition of Goethe's Metamorphose der Pflanzen (1932). Each is illustrated by his woodcuts, with special very limited editions of these having the prints hand colored by him.

Specialty: artist and illustrator, especially in the medium of the woodcut.

Work by Josef Weisz

349  **Sempervivum montanum**  

*(Houseleek)*

Hand colored woodcut.  
Signed, undated.

350  **Helleborus niger**  

*(Christmas-rose)*

[Same].

351  **Poa alpina**  

*(Mountain Spear-grass)*

Signed, undated.

352  **Doronicum austriacum**  

*(Austrian Leopards-Bane)*

[Same].

These colored woodcuts from a limited edition of *Blumen der Alpen*, pulled and hand colored by the artist.
WERNECK de CASTRO, Maria (Mrs.)


Sra. Wernecke de Castro is a self-trained artist, and before specializing in botanical subjects "used to do drawings of pathological anatomy as a hobby, while living in Rio de Janeiro." A suite of her paintings and drawings of the orchid genus Cyrto-pdia are at the Herbarium Bradeanum, Rio de Janeiro. After moving to Brasília in 1958 she was attracted to the local flora, and completed an extensive series of botanical drawings of Hevea (Rubber tree) for Dr. Ezequias P. Heringer, Instituto Central de Biologia, Universidade de Brasília (1963-65). This work brought her to the attention of Sr. Alcides A. Rocha Miranda of the Central Institute of Art, then studying the potential of local vegetation for landscape uses, and for whose work a series of botanical drawings were made. She is now retired, but continues her free-lance activities as a botanical artist.
Work by Maria Werneck de Castro

353  *Cyrtopodium paludicolum*
    Water color. 16-1/2 × 10.
    Signed, dated 1968.

354  *Vellozia flavescens*
    Water color. 18-5/8 × 13.
    Signed, dated 1963.
    (Portions of the foliage are shown excised or uncolored.)
WHEELER, Zona Lorraine


Miss Wheeler is an advertising designer and illustrator, who is better known in the mid-west art world for her murals. These may be seen in Wichita in the Hotel Lassen, the Union National Building, Scimmel Inn, Wichita Park Mausoleum, the AAA Auto Club, and in Topeka in the Capital Savings & Loan Co. Bank, and in Anthony Ks., in the Citizens National Bank. She is the daughter of the late Carl Wheeler, agrostologist and plant breeder, developer of Wheeler Sudan Grass. The influence of her father and the agricultural environment has undoubtedly directly and indirectly influenced her use of plant subjects in her art work. One of her best known pieces of sculpture (made of Marlex) is a nine-foot high flower-fountain of Easter Lily in the Wichita Park Chapel (1963).

Work by Zona Wheeler

355 **Cleome spinosa** (Spider-flower)


356 **Zostera maritima** (Eel-Grass)


Numerous reproductions of Miss Wheeler's work are in the HBL collection.
ZAHN, Martin

Born, Glauchau (Saxony), 20 August 1910. Completed High School, Glauchau 1927. Apprentice in lithography in Glauchau and Leipzig 1927-32. Since 1932 has been botanical illustrator to Prof. Dr. Wilhelm Troll, first at the Botanischen der Universität Halle Institut für Spezielle Botanik, der Saale, and after W.W. II. at the Johannes-Gutenberg-Universität, Mainz. Address: 65 Mainz, Hindenburgstrasse 60, Germany.

During the 36 years that Martin Zahn has illustrated the botanical monographs by Professor Troll he has worked exclusively in pencil and pen and ink. He writes that he never continued to produce work by lithography after completing his apprenticeship. With Frau Zahn, they have three children, the eldest daughter a high school teacher. He reports that his hobbies are chess, swimming, and skin diving.

Work by Martin Zahn

357 **Dissotis plumosa**
   Signed, dated 1968.

358 **Aesculus hippocastanum**
   (Horse-chestnut)
   Ink drawing. 16 × 12-1/2.
   Unsigned, undated [ca. 1952].

Other technical drawings by Martin Zahn in the HBL collection include:

- **Campanula medium**
- **Fraxinus excelsior** (European Ash)
- **Prunus domestica** (Plum) and **P. persica** (Peach)
- **Rosa canina**
- **Symphytum uplandicum** (Comfrey)
ZAPF, Hermann

Born, Nürnberg, Germany, 8 November 1918. Educated in public schools of Nürnberg. Known internationally today as a typographer and calligrapher. His major contribution to botanical art rests with the 26 dry-brush drawings made for a floral Abecedarium, begun by him in 1943, when he was with the Army of Occupation in Bordeaux, a work he completed in 1946 after his return to Nürnberg. Address: Bernhard Mannfeld Weg 24, Frankfurt am Main 70, Germany.

Hermann Zapf began his training to become an electrical engineer, a career diverted by events in Germany, in 1933. Without formal art training he developed by practice an early interest in drawing, obtaining a job as photo-retoucher. By 1935 he was a self-trained calligrapher and in 1939 moved to Frankfurt-am-Main where he established himself as a free-lance book designer and typographer. Except for the War years, and a few years thereafter when he taught lettering in Nürnberg and Offenbach, he was affiliated with the Stempel type foundry of Frankfurt until 1956. Zapf's greatest impact has been as a type designer; more than 50 types have been designed by him, including Hunt Roman (commissioned by this Library) used for this Catalogue's title-page.

Mr. Zapf married Gudrun Zapf-von Hesse, also an accomplished type designer and a master bookbinder. With their son, Christian they live in Frankfurt. Zapf's design studio is in a 15th century former watchtower outside Frankfurt.
Work by Hermann Zapf

359  **Papaver dubium**, *Campanula rotundifolia* (Field Poppy, Harebell)


360  **Aquilegia vulgaris** (Columbine)


Reproduced in *Das Blumen-ABC* from brush drawings by Hermann Zapf, hand cut in lead (metal relief print) by August Rosenberger.
ZETTERHOLM, Torbjörn

Born, Stockholm, 9 March 1921. Studied at Konstud Ervin Ollers Målerskola [Edvin Oller's School of Painting], and with Professor Otto Sköld, Stockholm, later at the Kungl. Konst Akademien [Royal Academy of Art], Stockholm. Is currently a freelance artist and illustrator. Address: Högtorp, Mallösa (near Flen), Sweden.

Torbjörn Zetterholm's works are in many media, and he is a master with the color woodcut and in water colors. As is true for many Scandinavian artists, he has been much influenced by nature, and interpretations of the native flora are conspicuous among his productions.


Work published in: Hans Christian Andersen's autobiography Sagan om mitt liv; woodcuts in Nattens värld [Night World]; a portfolio of 10 woodcuts on Iceland (where he spent the summer of 1964 painting), and scores of prints from woodcuts, widely distributed. In addition he has illustrated articles in numerous Swedish magazines.
Work by Torbjörn Zetterholm

361  *Phragmites communis*  
(Reed-grass)  
"Vassrugge"

3-color woodcut.  
Composition 19-3/4\[\times\]27-1/2.  
Signed, dated 1966.

362  *Centaurea scabiosa*  
(Scurvy Star-Thistle) "Vaddklint"

2-color woodcut.  
Composition 25 \[\times\] 19.  
Signed, dated 1953.
20th century botanical artists and illustrators represented in the 1964 exhibition at the Hunt Botanical Library and of whom no new work has been received since that time.

Alava, Reino Olavi  (1915 - )
Allen, Dorothy O. (Mrs. Paul H.)  (1911 - )
Amateis, Edmond  (1897 - )
Armer, Sidney  (1871 - 1962)
Avinoff, Andrey Nikolaivich  (1884 - 1949)
Beebe, Francis Lyman  (1914 - )
Benson, (Mrs.) Mary Foley  (1905 - )
Blos, Maybelle (Mrs. Peter)  (1906 - )
Bowles, Edward Augustus  (1865 - 1954)
Chickering, Caroline Rogers (Mrs. Allen L. Jr.)  (1907 - )
Dormon, Caroline Coroneos  (1889 - )
Everard, Barbara Mary Steyning (Mrs. Raymond)  (1910 - )
Furse, John Paul Wellington  (1904 - )
Griswold, Ralph Esty  (1894 - )
Hainard, Robert  (1906 - )
Haller, Isabelle Clara  (1934 - )
Harshbarger, Gretchen Fischer (Mrs. Clay)  (1906 - )
Hassen, Anne  (1940 - )
Holladay, Harriett McDonald (Mrs. Henry T.)  (1907 - )
Hood, Mary V. (Mrs. Alexander Wm.)  (1901 - )
Hottes, Alfred Carl  (1891 - 1955)
Huntley, Victoria Hutson (Mrs. Ralph)  (1900 - )
Janish, Jeanne Russell (Mrs. Carl F.)  (1902 - )
Johnson, Arthur Monrad  (1878 - 1943)
Kredel, Fritz  (1900 - )
Landacre, Paul Hambleton  (1893 - 1963)
Leak, Virginia Louise  (1940 - )
Lieberman, Frank Joseph  (1910 - )
Mack, Warren Bryan  (1896 - 1952)
McEwen, Roderick (Rory)  (1932 - )
Mentges, Charlotte  (1925 - )
Merrilees, Rebecca (Mrs.)  (1922 - )
Murdock, Florence  (1887 - )
Murman, Eugene Otto Walter  (1874 - 1962)
Nakayama, Mitsu (1915 - )
Newton, Betty Jane (1908 - )
O'Gorman, Helen (Mrs. Juan) (1904 - )
Papp, Charles Steven (1917 - )
Patten, Gerry V. (1896 - )
Pertchick, Bernard and Harriet
Pinheiro, Jane S. (Mrs. J. C.) (1907 - )
Pomeroy, Mary Barnas (Mrs. Fred G., Jr.) (1921 - )
Pugh, Edward Joseph (1926 - )
Readlo, Wilfrid A. (1895 - 1961)
Reid, Emily E. (Mrs.) (1909 - )
Richards, Albert G. (1917 - )
Rickett, Harold William (1896 - )
Roberts, Patricia Hill (1927 - )
Sartain, Emily
Sherwood, Harold Frank (1908 - )
Smith, Ethelynde (1888 - )
Snelling, Lillian (1879 - )
Tillett, Stephen S. (1930 - )
Tourjé, Margaret Stabler (Mrs. E. C.) (1889 - )
Tseng, Charles C. (1932 - )
Velick, Bernadette Stemler (Mrs. Sidney F.) (1918 - )
Watson, Patricia (Mrs. James Rennie) (1931 - )
International distribution of artists and illustrators in the Exhibition

Argentina
Castellano, Carmen

Australia
Devlin, Mary B.

Austria
Riefel, Carlos

Belgium
Cleuter, Albert
Leyniers de Buyst, Dorika

Brazil
Leal, Newton P.
Manhã-Ferreira, Hilda
Mee, Margaret (formerly Gr. Brit.)
Salvado, Samuel
Tschaffon, Wanda M.
Werneck de Castro, Maria

Canada
Dodson, Suzanne C.

Chile
Sierra-Ráfols, Eugeni (formerly Spain)

Colombia
Ospina H., Mariano

Costa Rica
Rodriguez C., Rafael L.

Czechoslovakia
Svolinský, Karel
Ušák, Otto
England
Angel, Marie F.
Daglish, Eric
Farleigh, John
Greenwood, Leslie
Grierson, Mary
Hutchinson, John
Kimber, Sheila
Mackley, George
Nash, John N.
Newsome-Taylor, Cynthia
Ross-Craig, Stella
Stones, E. Margaret (formerly Australia)

France
Hallé, Francis
Hallé, Nicolas
Hasegawa, Kiyoshi (formerly Japan)
Raynal, Aline

Germany
Caspari, Claus
Didlaukis, Helene
Felsko-Schülke, Elsa M.
Gossner, Gabriele
Grossmann, Karl
Mahnke, Heinz K. G.
Marlier, Fritz
Tröger, Annemarie
Weisz, Josef
Zahn, Martin
Zapf, Hermann

Greece
Goulandris, Niki
Megaw, Elene Elektra

Hungary
Csapody, Vera
Koch, Emőne
Lexa-Regéczyi, Marta
India
   Ravindran, O. T.

Italy
   Maury, Anne E. (formerly USA)

Japan
   Fujishima, Junzo

Majorca (Spain)
   Martin, Colette

Netherlands
   Landwehr, Jacob
   Prins, Johanna

Norway
   Lid, Dagny Tande

Philippines
   Rosario, Arnulfo C. del

South Africa
   Anderson, Fay
   Dixie, Ethel May
   Letty, Cythna
   Seagrief, Stanley C. (formerly Rhodesia)
   von Below, Irma

Spain
   Guinea, Emilio

Sweden
   Beckman, Kaj
   Bergman, Annie
   Dahlquist-Ljungberg, Ann-Margaret
   Gadd, Arne
   Jonzon, Calle
   Kasubski, Sylvia (formerly Germany)
   Kers, Lars
   Lindström, Bibbe
Sweden (cont.)

Nordenskjöld, Birgitta
Norrman, Gunnar
Persson, Karin
Rosvall, Steffan
Zetterholm, Torbjörn

Switzerland

Bally, Peter R. O.
Günthart, Lotte
Poluzzi, Carlo
Reiner, Imre
Roshardt, Pia
Treichslin, Anne-Marie

United States

Abbe, Elfriede
Adams, Lee
Addkison, Andrew R.
Alexander, Joyce
Bell, Léonie H.
Berne, Gerda (formerly Germany)
Blakely, Dudley M.
Boucher, J. Allen
Brede, Ruth P.
Buchert, Ilse (formerly Germany)
Burger, William C.
Chase, Agnes
Chudom, Alexander
Davis, Natalie
Domjan, Joseph (formerly Hungary)
Dowden, Anne Ophelia
Evans, Henry
Fawcett, Priscilla (formerly Gr. Brit.)
Gilkey, Helen M.
Greene, Wilhemina
Hanna, Boyd
Hansens, Aline L.
Hattal, Rita
Holgate, Jeanne (formerly Gr. Brit.)
Ito, Nanae (formerly Japan)
Johnston, Edith F.
Jules, Mervin
Krause, Erik H.
United States (cont.)

Leighton, Clare (formerly Gr. Brit.)
Mastick, Marian F.
McBride, Leslie R.
Mockel, Henry R.
Morrison, Benjamin Y.
Norman, Marcia G.
Park, Dorothy L.
Roberts, Mary V.
Rushmore, Arthur W.
Sheehan, Marion R.
Smith, Susan C.
Takal, Peter
Threlkeld, Gesina B. (formerly Netherlands)
Wheeler, Zona L.

Venezuela

Schlageter, Laura (formerly USA)