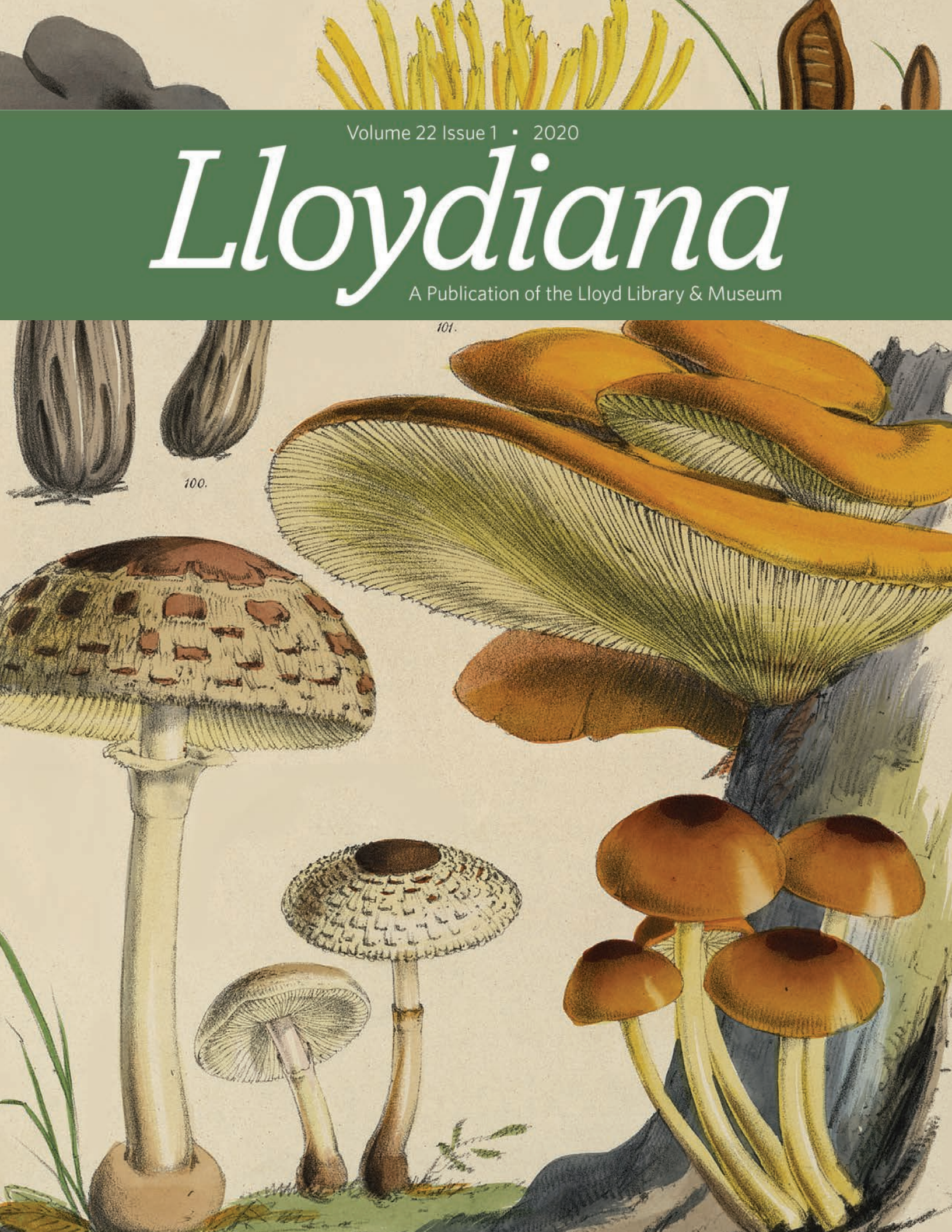


Volume 22 Issue 1 • 2020

Lloydiana

A Publication of the Lloyd Library & Museum



Message from the Executive Director

When I joined the Lloyd Library three years ago, I was impressed by the contributions and collections from the Lloyd brothers, but wondered, "Where are the women of the Lloyd?" I hoped to discover an unrecognized sister, who made important scientific contributions. I quickly struck out.



Fortunately, it took me no time to discover the women of the Lloyd. *Off the Page*, an exhibition celebrating the early naturalist, Maria Sibylla Merian, was in progress as I stepped in the door. The Lloyd was one of few libraries in the world that owned her transformational work, *Metamorphosis Insectorum Surinamensium*, published in 1705.

The magic didn't stop there. New significant works by women continued to emerge. Famous and lesser known female scientists, naturalists, medical practitioners, and botanical illustrators are well represented in the Lloyd collections. This should come as no surprise given John Uri Lloyd's affiliation with the Eclectics, who were among the earliest to accept women to their medical colleges, and Curtis Gates Lloyd's contacts with leading female mycologists from around the world. Our manuscript collections contain records from women chemists, naturalists, and botanical artists and address topics of women's health. Seventy percent of Lloyd directors have been women over the last century. Women scholars, scientists, environmentalists, and artists serve on our Board and fellows selection committees.

One hundred years after American women obtained the right to vote, 2020 has been named the *Year of the Woman*, a designation that extends beyond politics. This year, the Lloyd Library unites with other cultural and educational organizations across the nation recognizing the contributions of women. Join us as we celebrate women of science past and present, whose efforts have made an incredible impact on history, and the future.

Patricia Van Skaik

Patricia Van Skaik
Executive Director, Lloyd Library & Museum

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By the Numbers (2019)

67	Events (+20%)
75	Partnerships
77	Borrowing Research Institutions
194	Members (+30%)
108	Countries Visiting Website
213	Out of Town Visitors
2,200	Archives Linear Feet
4,737	Instagram Followers (+328%)
7,500	Books Published before 1830
16,649	Digitized Pages
39,632	Website Page Views

Lloydiana

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Our Mission

The Lloyd Library and Museum advocates for education in plant-based science, medicine, conservation, art and history. We provide resources to engage visitors and researchers from the community and around the globe.

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Front Cover: Plate 16:

Illustrations of the *Fungi of Our Fields and Woods*, v.1 by Sarah Price, 1864-1865

Back Cover: Plate 3: Over de

Voortteeling en Wonderbaerlyke Veranderingen der Surinaamsche Insecten by Maria Sibylla Merian, 1730

Who is the Lloyd Library and Museum?

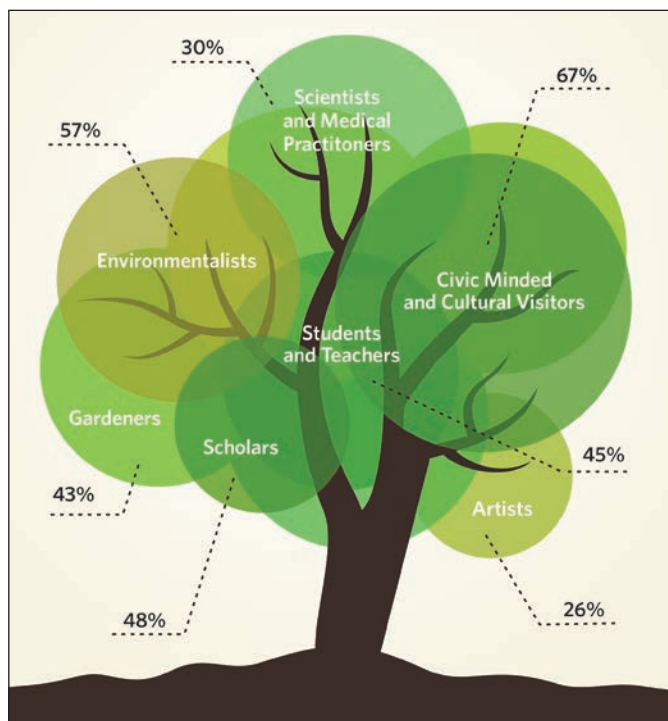
With impressive collections and history, the Lloyd Library and Museum is often characterized by what we are. Yet, visitors frequently ask, “Who is the Lloyd?” A fuller picture of the Library emerges when exploring the people of the Lloyd.

The Lloyd Library was founded in the 1870s by three brothers, John Uri, Nelson Ashley, and Curtis Gates Lloyd, who all began their careers as pharmacists, eventually developing and manufacturing nature-based medicines. They would collectively go on to become leading pharmacists, novelists, successful

business operators, civic leaders and philanthropists, owners of professional baseball teams, including the Cincinnati Reds, inventors, novelists, ethnobotanists, rare book and plant specimen collectors, conservationists, mycologists and patrons of the arts.

Over the next 100+ years, Lloyd collectors and librarians have made lasting contributions to the Library and community. Today, three librarians, an archivist, and volunteer medical illustrator specialize in rare books and conservation, electronic media, and developing new collections for today and the future. The Lloyd Board reflects the values of the Lloyd and our community, and includes botanists and pharmacists, small business owners, fundraisers, attorneys, accountants, environmental consultants, civic leaders, and neighborhood residents.

Additionally, the Lloyd Advisory Board of biologists, herbalists, scientists, and historians help further our research endeavors. Lloyd-sponsored Fellows specialize in Native American agriculture, medical history and literature, African American medicinal traditions,



Lloyd visitors as self-identified in recent survey

conservation history, and plants used in health and wellness, as well as death and dying. Artists-in-residence bring Lloyd collections to life, drawing on their expertise in graphic design, ceramics, cut paper, folk toys, wallpaper, and print making.

Most importantly, the Lloyd is **YOU**.

Last year, the Lloyd was visited by nearly 2,000 people from our region, along with 200 people from 21 states as well as Canada, United Kingdom, Belgium, and Finland. Some Lloyd enthusiasts appreciate us from afar. Viewers from 108 foreign countries visited

our website. Lloyd webpages were translated into eight foreign languages with Spanish, French, and Chinese topping the list. From around the world, universities, hospitals, businesses, wildlife conservation organizations, botanical gardens, and environmental agencies requested and received reproductions of rare Lloyd materials.

With thousands of social media followers, the Lloyd Library is considered a mini-influencer. Our programs on ethnobotany, botany, and food—especially chocolate—are the most shared events by our Facebook followers. Lloyd Library Instagram followers are growing “like wildflowers” and return time and again to like and share our historic illustrations, showing a strong preference for mushrooms. #Mycologymonday is so popular we have added #fungusfriday. Our users are Lloyd ambassadors. In a recent survey, 94% of Lloyd visitors rated their experience 7 or higher (out of 10) and recommended it to others. One survey respondent commented, *Thanks so much for being here. Cincinnati is much richer for the wealth of information, art and lecture opportunities that are offered.*

And, the Lloyd Library is richer, thanks to all of you.

Preserving Lloyd Treasures

This winter the Lloyd Library and Museum showcased some of its most treasured items, including landmark works of natural history and botanical illustration, personal keepsake books of the Lloyd brothers, and the oldest book in the collection, printed in 1493. Every library has its own unique set of treasured books, and every library faces the problem of how best to care for them. A research institution like the Lloyd, which intends to keep every printed book and periodical acquired, must understand the basic principles of book and paper preservation and conservation, beginning with environmental conditions. High temperature, humidity, and lighting levels all contribute to the breakdown of materials, and must be kept within a certain range without a lot of fluctuation. Windows also must be covered by drapes, blinds, or UV-filtering film.

Preservation in Action

Before the mid-19th century, paper was made with cotton, hemp, or linen rag. In older books, beautiful, flexible pages hold up, while leather bindings are literally falling apart. Newer books often have the opposite problem:

Every library has its own unique set of treasured books, and every library faces the problem of how best to care for them.

acidic paper made from wood pulp eventually crumbles within the binding. One way to preserve a book that has been worn down either way over time is to store it in a polyethylene bag, or in a custom-made, acid-free corrugated box. The damaged book is then protected, as are the books around it. Enclosing books like this also reduces dust in the air. A more expensive option is to employ a book conservator to repair or restore materials in poor condition.

In November 2019, the Lloyd received a conservation/preservation grant from the Institute of Museum and Library Services to restore one of the books featured in *Treasures of the Lloyd*, Etienne Denisse's *Flore d'Amerique* (1835), which is being repaired by local conservator Gabrielle Fox. This delicate process entails removing the book from its binding, cleaning surfaces throughout, as well as mending and resewing pages. The inner spine is lined with handmade paper and cloth, placing new goatskin over the original leather, and reinforcing the corners and edges with colored handmade tissue. Once the repair work is done, it will be available for use at the Lloyd.

Etienne Denisse's *Flore d'Amerique* (1835): The official first edition was published 1843-1846, and contains 200 color illustrations. The Lloyd edition, however, is dated a decade earlier and features two sets of 24 plates, one set hand-colored and one set uncolored. No other library owns this edition, considered to be the author's copy of sample illustrations that he showed potential subscribers.

This book, and other rare books of the Lloyd, are digitized by the Public Library of Cincinnati and Hamilton County's Digital Services department, and uploaded to the Biodiversity Heritage Library at www.biodiversitylibrary.org. Watch for restored treasures to become part of new digital exhibits on the Lloyd's website coming this year!

Betsy Kruthoffer, Cataloger and Rare Book Librarian



Access Spreads Like Fungi



For many researchers, access to the Lloyd Library begins with the Library Catalog. As terminology and cataloging rules change, historic records must be “cleaned up” to improve access. At the Lloyd, re-cataloging offers the opportunity to assess conservation needs and potential for digitization. Last spring, *Des Champignons Comestibles, Suspects et Vénéneux* (translated as *Edible, Suspicious, and Poisonous Mushrooms*), published in 1828, checked all the boxes for digitization.

Written by Michel Étienne Descourtilz, French physician, botanist, and historiographer of the Haitian Revolution, *Des Champignons Comestibles, Suspect et Vénéneux* contains captivating illustrations that are rare and depart from his

other works. Importantly, this book was not represented in the Biodiversity Heritage Library (BHL), an online collaboration of research libraries that makes biodiversity literature openly available to the global biodiversity community.

In the spring of 2019, the Lloyd digitized and uploaded *Des Champignons Comestibles* to the BHL. By the end of the year, it was in the top 5% of materials viewed on BHL out of more than 14,000,000 works. Digitized images from *Des Champignons Comestibles* also delighted Lloyd’s social media followers. In 2019, two of our top nine Instagram posts came from the book.



Sarah Price

Featured on the front cover of this issue of *Lloydiana* is one of the 72 species of fungi that are depicted in a slim, two-volume set of 20 plates entitled, *Illustrations of the Fungi of Our Fields and Woods: Drawn from Natural Specimens* by Sarah Price, published 1864-1865.

The list of subscribers in each volume features a good number of lords, ladies, and other titled people. The second volume is dedicated to Sir William Jackson Hooker, Director of the Royal Gardens of Kew. Little else is known about Price except that she lived in the village of Bitterley, near Ludlow, in Shropshire, Great Britain.



Staff Spotlight: Betsy Kruthoffer, Cataloger and Rare Books Librarian

Betsy Kruthoffer is the Cataloger and Rare Books Librarian at the Lloyd Library and Museum, where she has spent 27 years developing collections, cataloging rare materials, supervising acquisitions, curating exhibits, as well as overseeing key initiatives in binding and conservation, stacks maintenance, and technical services.

Betsy received her Bachelor of Arts in History from Clemson University, and Master of Library Science from the University of Kentucky. She moved to Cincinnati with her husband in 1992, and accepted a position at the Lloyd Library shortly thereafter.

Over the years, Betsy has spearheaded efforts to bring Lloyd into the digital age, such as helping to create its online library catalog and digitizing a large body of biodiversity literature. Some of Betsy’s biggest projects at Lloyd, and one she is most proud of, included reorganizing all of the periodicals, moving hundreds of rare books to a central location on the fourth floor, and standardizing the cataloging system.

“Lloyd is such a unique place, both vast and acute in its specialty,” says Betsy. “One of the most interesting things for me in working with rare books, is not only learning about botanicals, medicine, and their history, but also learning about how people have built and cared for books, and how that approach has evolved over time.”

Thanabotany

Past and Present

It's been about a year since I completed my time as a Curtis Gates Lloyd Fellow. The field of thanabotany, where ethnobotany (the study of how people use plants) intersects with thanatology (the study of death and dying), came out of that fellowship. Thanabotanists want to understand how humans have used plants to deal with death, dying, and bereavement. From funerary rituals, to body preservation, to social behaviors, thanabotanical practices appear across different times, cultures, religions and countries, and continues to evolve.

Thanabotany provides a meaningful and memorable way for families to connect to their deceased. Plants not only serve as an expression of sympathy, but also can be used as a catalyst for connecting families to the memory of their deceased. Early works from the 1700s describe the use of rosemary in English funeral rituals and grief. In Wales, the female next of kin was responsible for maintaining a bed of rosemary atop the deceased's final resting place for a fortnight.

Following my fellowship, I presented a talk on Thanabotany at the Annual Meeting of the Kentucky Northern District of Funeral Directors and Embalmers. Linnemann Family Funeral Homes and Cremation Center, which has been locally active since 1882, immediately adopted these concepts into their funeral services. Funeral Director Bart Pindela explains, "I have used rosemary in place of filler greens in a casket spray. This was very appropriate because the deceased was a native of England, where rosemary has a symbolic and historical connection to funeral ritual and grief. A few of the rosemary herbs were planted at the graveside, and the rest were taken home by the family to plant in their gardens. After the funeral services were over, a family member thanked me for recommending the use of rosemary. She said that as an herb she overlooked before, it now holds a lasting connection to her mother. Her comment made me appreciate the potential of plants to serve families on their path through grief. Plants used during funeral services are



Herbarium Blackwellianum by Elizabeth Blackwell, 1750-1753

not just expressions of sympathy, they also serve as connections to loved ones that last beyond funerals."

Thanabotany and Cemetery-Arboretums

In the United States, we have quite a history with where and how we've buried our dead. When you think of the most beautiful cemeteries in the United States, you might think of Mt. Auburn Cemetery located just outside Boston, founded in 1831. Or, perhaps, Spring Grove Cemetery & Arboretum in Cincinnati, founded in 1845, comes to mind. Each exist as both cemetery and arboretum today, but they certainly didn't start out that way. Both got their start as 'rural cemeteries'—large, untamed greenspaces just outside the city center. In a little more than a decade, Alexander Walker, Editor of the *Cincinnati Enquirer*, described

Spring Grove in his 1857 opinion piece, *We have...by the art of such tasteful landscape gardeners...made Spring Grove into so beautiful a place.*

In recent decades, for horticulturally-minded cemeteries, there has been a push towards becoming an arboretum as well as a burial ground. Green Burial sanctuaries are akin to the 'rural cemeteries' from days gone by. With green burial, a person is buried without embalming and with only biodegradable materials. The goal is to return your body to the Earth as quickly as possible and without infusing any chemicals into the ground. This is how our great-grandparents were buried, so what is new is actually where we originally began.

Gertrude Lorenz, a Board Member at the 22-acre Historic Linden Grove Cemetery & Arboretum in Covington, KY, brings her background as an Ecological Designer, Rewilding Specialist, and Certified Permaculturalist to the grounds. "There are infinite possibilities for thanabotany at Linden Grove—from green burials and scattering gardens, to traditional burials and existing gravesites. Each space is an opportunity for the use of plants to speak for and about our loved ones," says Lorenz. "Nature is one of our core

values, and many of our current efforts are moving towards alignment with this value. Thanabotany couldn't be more on point with the type of practices we need. Ultimately, it creates a higher quality experience for our community, and a more refined conversation around grieving and nature."

Historic Linden Grove Cemetery, founded in 1843, and Spring Grove Cemetery, have embraced their roles as stewards of generations past, and as cultivators of diverse and healthy botanical collections for the future. They are also part of a growing trend to offer free, public education around death and grief. Historic Linden Grove hosted a green burial workshop in the spring of 2019, and will be growing its own thanabotanical collection, as well as offering thanabotanical plants for sale in the spring and summer of 2020.

Thanabotany and the Margaret H. Fulford Herbarium

Academic and research applications of Thanabotany can provide new ways of looking at plant specimen collections, or even a single specimen, as was the case this past summer. I met with Dr. Eric Tepe, Assistant Professor and Herbarium Curator at the University of Cincinnati's Margaret H. Fulford Herbarium to explore their collection and discuss Thanabotany. Dr. Tepe had pulled a magnificent specimen from the collection for me to review, which is included in this article.

"The specimen of basil collected by Curtis Gates Lloyd in Samoa is interesting for a number of reasons," said Tepe. "First, it is native to Africa and Asia, so probably arrived in Samoa relatively recently. Its culinary use is obvious, but the fact that it was adopted for more ritualistic purposes—"rubbing dead bodies"—in that short time is interesting. Lloyd collected ethnobotanical data for only a few of his Samoan collections, and the extra data that accompanies this specimen makes it especially valuable. According to Art Whistler's *Plants*



Specimen collected in Samoa (1911) by Curtis Gates Lloyd where he identifies its use for "dead bodies".

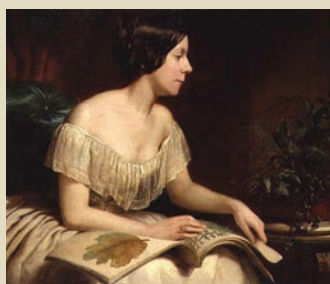
in *Samoan Culture*, coconut oil is used traditionally to absorb plant aromas, which is then used as a perfume, for massages, and 'in the past, for embalming the dead.' He doesn't comment on when this practice was abandoned, but the Lloyd specimen could be on the tail end."

During my fellowship, I referenced a lot of texts in the Lloyd's collection from the field of Horticultural Therapy. Research from this field has consistently shown that our responses to plants are "evolutionary with an affective or emotional basis and physiological response."

Put another way, the plant-person relationship is as old as humans are. Plants literally help us cope with life and Thanabotany is showing us how they help us cope with death.

I think we could add 'Thanabotanist' to Curtis Gates Lloyd's resume posthumously, right? I found it rather fortuitous having completed my fellowship—named for Curtis Gates Lloyd—only to find myself in the Herbarium housing his collection, reviewing one of his specimens which, in his own hand, held a note of special interest to this modern-day Thanabotanist. Perhaps this isn't an emerging field at all. Perhaps I am just following in the footsteps of Curtis Gates Lloyd and the tradition of curiosity, care and connection.

Thanatologist Cole Imperi is a 2019 Curtis Gates Lloyd Fellow, dual-certified thanatologist, and is known internationally as "The American Thanatologist" through her two podcasts, teaching, TEDx talks and speaking engagements. www.AmericanThanatologist.com



Anne Pratt

Anne Pratt (1806-1893) was one of the best-known botanical illustrators of her time. As a child in England, she had to stay indoors because of poor health, and was encouraged to occupy herself by learning to draw. By the end of her life she had written more than 20 books, including her greatest achievement, *The Flowering Plants, Grasses, Sedges, and Ferns of Great Britain and Their Allies: The Club Mosses, Pepperworts and Horsetails*, a six-volume set issued between 1855 and 1873, which described more than 1,500 species and included 300 illustrations.

During her research on the use of plants in death rituals, Lloyd Fellow Cole Imperi found many references in *Flowers and Their Associations* (1846). For example, from page 119: "The Germans, who display considerable taste in decking graves with flowers, place the forget-me-not upon their tombs ... Its frequent use in the burial place might allow of its bearing the same name among the Germans that the Italians give to the periwinkle, which they employ for a similar purpose, and call *fior di morto*—the flower of death.

Dr. Anna Koffler Wannamaker: Pharmacognosy Pioneer

Anna Koffler Wannamaker believed that pharmacognosy was essential to everyday life, and sought to educate novices about the integral role of plants in human health. She served as a role model for women entering the field of pharmacy.

Anna Koffler was born in Stanislawów, Poland (now Ivano-Frankivsk, Ukraine) in 1902. She studied biology, botany, bacteriology, and zoology at Maedchen Reolgymnasium in Vienna, Austria, and received a Bachelor of Arts degree in 1920. She then earned a teaching certificate at the Teachers Training College in Vienna in 1921, and merited her Ph.D. from the University of Vienna in 1926.



In 1953, Wannamaker became an Associate Professor at Ohio Northern University's (ONU) College of Pharmacy, where she quickly established her reputation as an inspirational teacher and trendsetter among peers. In the mid-1950s, technology in the classroom was utilized on a limited scale, consisting primarily of microscopes, slide rulers, and audio headphones.

Wannamaker's history is a narrative of immigration. On July 2, 1941, Hungarian troops occupied Stanislawów, and by the end of July, Germany had taken control of the city. Approximately 25,000 Jews lived in Stanislawów upon the outbreak of World War II, and only 1,500 are estimated to have survived. Although immigration records are unclear as to exactly when Wannamaker arrived in the United States, her employment records show that she held numerous positions in the pharmaceutical industry between 1944 and 1948.

In 1948, Koffler became Assistant Professor of Bacteriology/Botany/Biology/ Pharmacognosy at the University of Kansas City. Her colleagues' laudatory recommendations provide a window into her personal story. Dr. Norman Royall, Jr., Dean of the College, wrote, "Dr. Koffler is a victim of the Nazi; I believe her husband and parents were killed in concentration camps. Undoubtedly her life has not been a happy one, but it has not warped or broken her."

Robert Mortuedtt, Vice President of the College, extolled high praise for her scholarship and dedication to the field. In 1952, he wrote, "Dr. Koffler has been a loyal and indefatigable worker. She, like many European scholars, has had a life saddened by great misfortune. Although she is small of stature and unassuming upon first acquaintance, there is a quality of force in her personality which preserves her integrity and lends intensity to her professional efforts."

Wannamaker was appointed to the Plant Science Seminar committee to study the challenge of employing visual technology aids in teaching pharmacognosy. Her conscientiousness about students' classroom experience also extended to their social lives. Wannamaker was instrumental in establishing the ONU chapter of Kappa Epsilon, a professional pharmacy fraternity for women.

Wannamaker's contributions to scientific botanical research, her impact on generations of college students, and efforts to educate the public about the medicinal and healthful value of plants cannot be understated. All known accounts about her life and career describe an exceptional individual, transcending extreme challenges.

A newspaper article titled, "Dr. Anna Koffler Named to Honors," vividly portrayed her character: Before coming to ONU in 1953, Dr. Koffler did research work in the woods close to Vienna. She was in the Austrian youth movement from the beginning. The routine of hiking, cooking, and eating in the open has given her a glow of vitality that she possesses to this day. She attributes her good health and buoyant spirit to the early part of her life in the Vienna countryside, where she says, "We sang at the top of our voices and laughing was oh so easy."

Wannamaker retired from ONU and lived in Ada, Ohio until 1983, when she moved to New York. She spent her life in the service of pharmacognosy education for academicians and the public, inspiring generations of women.

Devhra BennettJones, Lloyd Library Archivist

Celebrating the Women of Lloyd

In the year our country celebrates the 100th anniversary of women's suffrage, the Lloyd Library proudly presents its *Women and Nature Exhibition and Program Series*.

Women and Nature in the Arts, Sciences and Letters, opens March 6, paying tribute to the women represented in the Lloyd collections. The exhibition features works of naturalists, botanists, mycologists, horticulturists, and explorers, including:

- Maria Sibylla Merian and Elizabeth Blackwell, pioneers of scientific illustration
- Elizabeth Albin and Eliza and Sarah Maund, painters of their fathers' work
- Gertrude Jekyll, designer of more than 400 gardens
- Lena Lewis and Berthe Hoola van Nooten, authors of visually stunning books, *Familiar Indian Flowers* (Lewis) and *Fleurs, Fruits et Feuillages Choisis de l'Ille de Java* (Nooten)



Accompanying the exhibition, the **Women and Nature Programs Series**, brings to life the contributions of featured women and focuses on critical issues of today. Programs include lectures on saving plants from extinction, and nature-based discovery for breast cancer by internationally renowned authorities.

On Earth Day, April 22, we honor naturalist E. Lucy Braun through a screening of the documentary, *A Force for Nature*, with the filmmaker. In addition, two authors and a pharmacist address the topics of aging and memory, integrative health and wellness, and parks as health spaces.

To learn more and register for Lloyd events visit lloydlibrary.org/news-events

A Florilege: Chosen from the Old Herbals by Irene Gosse; wood engravings by Gertrude Hermes, 1931



Board Spotlight: Valerie Pence, PhD

Valerie Pence, Ph.D., has been a member of the Lloyd Library and Museum's Board of Directors since 2014, and is the Director of Plant Research at the Cincinnati Zoo & Botanical Garden's Center for Conservation and Research of Endangered Wildlife (CREW).

Dr. Pence started the CREW's Plant Research Division in 1987, and under her leadership, the Division has become internationally recognized for its use of in vitro propagation and cryopreservation of endangered plants. This work includes developing and applying protocols for the propagation and preservation of "exceptional" plant species—those that produce few or no seeds in the wild—through the CREW's CryBioBank.

Dr. Pence has been instrumental in helping restore the endangered Autumn Buttercup in Utah, Cumberland Sandwort in Kentucky, and Avon Park Harebells in Florida. She has published more than 188 scientific papers, book chapters, and abstracts, and has been the recipient of the Fellow Award from the Society for In Vitro Biology and conservation awards from the Center for Plant Conservation, The Garden Club of America, and the Association of Zoological Horticulture.

Book Notes

Herbal Formularies for Health Professionals

by Dr. Jill Stansbury
This comprehensive, multi-volume set stands out as a detailed resource on formulating

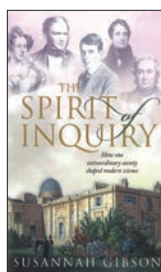
plant-based medicine, with individual volumes focusing on areas like digestion, circulation, and the endocrine system. Naturopathic doctor Jill Stansbury brings together herbal preparations with the specific conditions they treat, including measurements and instructions for use. Readers will find information on a variety of internal and external preparations, organized by systems of the body.



Gardens for Gloriana: Wealth, Splendour and Design in the Elizabethan Garden

by Jane Whitaker
Throughout garden history, the Elizabethan period of England holds a notable place for the opulence of its gardens. Fountains, mazes, and other features transformed outdoor spaces into grand events verging on theatre, primarily

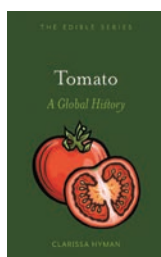
to win the attention and favor of the visiting Queen. Using historical records and illustrations, garden historian Jane Whitaker leads readers through this period, identifying significant figures of the era and even the species of plants found in these period gardens.



The Spirit of Inquiry: How One Extraordinary Society Shaped Modern Science

by Susannah Gibson
During the British scientific boom of the 19th century, the Cambridge Philosophical Society broke new ground in the natural sciences as it brought together many great minds, both as members and guest speakers. Now celebrating its bicentennial,

the Society's story gets the full-length treatment from Cambridge graduate and scientist, Dr. Susannah Gibson. Readers will enjoy learning how the Venn diagram and Darwin's historic voyage on the *Beagle* both emerged from the Cambridge Philosophical Society, which laid the foundation for many modern scientific endeavors in Cambridge and beyond.



Tomato: A Global History

by Clarissa Hyman
A favorite vegetable (or fruit) of many, the story of the tomato goes much farther than that of a garnish for a salad or a slice on a hamburger. Clarissa Hyman dives deep into the world of the tomato, addressing its origins and its uses throughout history and around the world, and even detours into

the tomato's role in art and technology, before ending with a chapter full of recipes. Whether as a tomato lover or the merely curious, *Tomato* offers many surprises to savor.

Enhancing the Lloyd Experience

with Updated, Inviting, Environmentally-Friendly Facilities

As the Lloyd Library approaches 50 years in its current building, thoughtful consideration has been put into how we can continue to best serve the collections, visitors and researchers, and the wider world. As such, upgrading infrastructure, creating an inviting space, and improving environmental impact have become priorities.

Lectures and panel discussions are key to our programming schedule and require professional-grade audio-video equipment to accommodate a variety of events. This past year, we incorporated wireless microphones, a new projector and sound systems, and a large projection screen for improved viewing, enjoyed by a full house of attendees.

To better control humidity for the benefit of library materials, we have upgraded the HVAC system to change settings remotely and seasonally adjusting temperature levels in our stacks. The simple act of raising the

reading room temperature a degree resulted in a more comfortable setting, less energy use in summer months, and a lower utility bill, which translates to a smaller carbon footprint.

Outside, we created a more welcoming view by adding planters filled with evergreens and flowering plants. After all, where would a plant library be without plants? As the Lloyd attracts visitors and researchers year-round, this living beautification will change with the seasons. To address spotting and identifying the Lloyd Library from the street, we have repaired, repainted, and replaced signage on the building.

Improvements in 2020 will include: replacement of HVAC units and elevator parts, upgraded audio-video technology in the meeting room, and more comfortable seating in the Library. Looking forward, a concept design will ensure that new elements are incorporated with a unified vision.

Alex Herrlein, Reference Librarian/Facilities Coordinator

Lloyd Programs

Make a Meaningful Impact

The Lloyd Library and Museum's strategic plan directs us to make an impact locally and globally by bringing broader awareness, unique perspectives and dialog related to our mission, and expanding active engagement in research, teaching, and learning. We are pleased to share with you some of the ways we are accomplishing this.

The Lloyd Library helped close the gap in the quest for information about medical marijuana, presenting the exhibition, *Through the Rx Bottle*, in collaboration with The Cannabis Museum from Athens, OH. The exhibition took a 400 year look at the use of medicinal cannabis, placing current conversation in a context over the long view. It drew visitors from Ohio, where medical marijuana has just become legal, as well as from across the country. Related programs presented by leading authorities provided information on ethnobotanical and medical uses of marijuana over centuries, Ohio's testing labs, women and cannabis, social justice issues, and cannabis use in geriatric care. For the first time, Lloyd programs qualified for continuing education credit in nursing and social work.



Vegan Chef Yasel López

Outside our walls, we participated in the American Society of Pharmacognosy, the Council for Botanical and Horticultural Libraries, and the Society of American Archivists conferences. Closer to home, we hosted booths at the Midwest Native Plant Conference, Ohio Valley Seed Swap, and Local History

Sampler. We presented at

Northern Kentucky History Day, Downtown Residence Council meetings, and a Vegan Holiday Tasting. We shared information about the Lloyd's vast collection on mushrooms at the documentary film screening of *Fantastic Fungi*.



Watercolor workshop

Lloyd sponsored fellows disseminated their work to a larger academic audience and presented their findings in local public programs at the Lloyd, including lectures on ethnobotany and dying, Native American agriculture, and Eclectic Medicine. We offered curriculum support for art, history, biology, creative writing, and current events to local universities and high schools, and presented writing,

wreath-making and water color workshops. The local arts community turned out in large numbers to view the immersive exhibition, *Leaves of Plates*, by Lloyd Artists-in-Residence, Future Retrieval, visiting their studio to learn about their creative process from rare books to art objects.

Our connection with the research and scholarly communities continues to grow. The Lloyd Library served as a sponsor of the Society for Economic Botany conference held in Cincinnati this past year, hosting the panel on "Looking to Nature for Cancer Research" with prominent nature-based cancer researchers, Drs. Susan Mooberry and A. Douglas Kinghorn. We brought the practices of Polynesia herbal medicine to the conference attendees and the general public with a presentation by Hawaii-based ethnobotanist, Art Whistler, held at the library. Local ecologists, gardeners, and those addressing food insecurity took lessons from the wild apple orchards of Kazakhstan.

We were reminded of the value that Lloyd audiences place on plants as food when the Stew-on-It Panel and Tasting and the Chocolate Passport lecture sold out early to enthusiastic audiences. We will carry that interest forward as we partner with a local elementary school on their "pizza garden." We continue to impact the community by presenting changing exhibitions, the research findings and artistic creations of fellows and artists-in-residence and offering one-of-a-kind programming.

2020

Curtis Gates Lloyd Fellows

The Lloyd Library and Museum is pleased to announce the 2020 Curtis Gates Lloyd Fellowship recipients. The resulting projects bring wider awareness and original perspectives to the history and uses of plants.



Madeline De-De Panken is a doctoral student in history at The Graduate Center, CUNY with a focus on women and gender. She teaches at Lehman College and has previously held fellowships at the New-York Historical Society Center for Women's History

and The New York Botanical Garden. Madeline earned her MA in American history from Clark University in 2013. Her current research explores gender and mycological work in the United States at the turn of the twentieth century. Her project, *Negotiating the Fungus Fad: Gender and Mycological Work in the Era of Professionalization*, will draw on the archival collections including the Curtis Gates Lloyd papers to investigate the gendered dimensions of interactions between the scholarly mycological community and those engaged in the little-remembered cultural "fungus fad," which brought mushrooms to the forefront of popular culinary practice and scientific study in late nineteenth-century America.



Traci Pantuso is a Naturopathic Physician and researcher. She earned her Naturopathic Doctoral Degree from Bastyr University in Seattle, Washington where she also completed a residency and is currently an adjunct faculty member and Research

Investigator. Her research interests include the uses of medicinal plants (both currently and historically) and their effects on the immune system. As a clinician researcher and educator, she is committed to increasing diversity, equity and inclusion in her field. Pantuso's project, *Understanding the Contributions of Enslaved African Americans to Plant Based Medicine Knowledge in the United States*, will identify plants used by enslaved African Americans and examine early materia medica, modern herbalism texts and the Works Progress Administration's *Slave Narratives*, conducted in the late 1930s, to reconstruct the medicinal knowledge of enslaved African Americans.



Elissa Yancey, MEd, is an award-winning journalist, educator and non-profit leader who has spent more than three decades listening to, writing about and sharing people's stories. A co-founder of two story-driven non-profits—WordPlayCincy and

A Picture's Worth, and founder of the consultancy, EY Ink, she blends her expertise as an educator and communicator with her passion for equity. Yancey's project, *Natural Wonders: Pioneering Female Scientists of Cincinnati*, will map the inner and outer narratives of E. Lucy and Annette Braun as they paved a groundbreaking trail across the American West. These two single sisters and renowned scientists traveled tens of thousands of miles in the early 20th century documenting flora and insects. Their work remains of great value to researchers today chronicling the impact of human population and climate change. By tracing the Braun sisters' correspondences with their student, house sitter and amateur botanist, Elizabeth Brockschlager, Yancey will compare their scientific and public writings to create a more complete picture of the lives as female scientists.

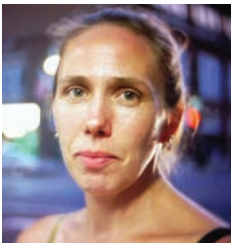
Erin Campbell, Technology Librarian/Fellows and Artist-in Residence Coordinator

The Lloyd Library provides funds to support research for scholars and artists to advance the understanding and creative output of topics stemming from Lloyd collections. Potential topics include botany; ethnobotany; natural history; conservation; early travel and exploration; and history of science, medicine, or pharmacy. Fellows and Artists-in-Residence receive up to three-month stipends. Each fellow or artist-in-residence delivers projects at the end of their term ranging from publications and research guides to exhibitions, artwork, conference lectures, or video. They also present a program to the community at the culmination of their study at the Lloyd. Areas explored during the fellowships are anticipated to lead to future discoveries and to be shared with wider academic and cultural communities. To learn more about the Curtis Gates Lloyd fellowship and Artist-in-Residence programs and to apply, visit <https://lloydlibrary.org/fellowships/>.

2020 Artist-in-Residence Program



Last year, the Lloyd Library and Museum introduced its Artist-in-Residence Program, which provides a stipend for research-based art. Now, we are pleased to introduce our 2020 Artists-in-Residence.



Melissa Haviland is an artist-printmaker who lives and works in Athens, Ohio. She received a BFA from Illinois State University in 1998 and an MFA from the University of Nebraska-Lincoln in 2002. Haviland is a Professor of Printmaking at Ohio University, where she teaches printmaking and papermaking. Her project, *Flourish*, includes 200+ screen prints of botanical illustration printed on handmade linen paper, and installed with wallpaper. While in residence at the Lloyd, she will research early travel and botanical illustration with a focus on cash crops of the past and present, examining their economies and those that prospered to inform her prints and stencils.



Shae Warnick is an artist rooted in nature. If she's not painting, she's outside learning, reading natural history books, or opening specimen drawers in museum research collections. Having pursued a multidisciplinary study that combines scientific subjects such as ornithology and botany with fine art, Shae is uniquely suited to her subject matter. She has travelled extensively in order to work closely with institutions and museums. Her project, *Sentimental Science*, will examine the importance of scientific objectivity while reflecting on the positive and negative role of sentiment, fiction, and folklore in connecting us with the natural world. She will research American exploration, natural history, and scientific works published for children to create a menagerie of basic toy forms.

FOTOFOCUS BIENNIAL

The Lloyd Library and Museum is honored to announce its participation in FotoFocus 2020 Biennial, occurring this October. The photography celebration brings together museums, artists, and educators through exhibitions and events focused around a common theme, *light &*. The Lloyd's exhibition, *Through the Lens of Nature Prints*, a collaboration with photographers Rick Conner and TJ Vissing, will feature nature prints and nature photography of central Ohio. In nature printing, the artist applies ink or pigment to a natural object and then places paper over the object to create an impression. The photography of Rick Conner and TJ Vissing illuminates nature scenes from dawn to dusk, telling the story of how light weaves its magic through the amazing natural areas of central Ohio. The convergence of these artistic mediums will enlighten viewers to the many levels of light found in the arts of nature printing and photography. The Lloyd is the proud recipient of a FotoFocus grant, which will be used to support an opening reception and gallery walk, writing workshop, photographers' lecture and nature print workshop. Watch for more details about this exhibit at www.lloydlibrary.org.

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Icones Anatomicae, a limited edition of 400, published in Munich in 1934, features illustrations created from the original wood blocks used by Andreas Vesalius in 1543. The wood blocks were never used again as they were destroyed during the

WWII Allied bombing of Germany. The prized possession of physician Leon Warsaw, this rare work was donated by Leon's sons, David and Peter Warsaw.

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Lloyd Library & Museum memberships directly support public programs, exhibitions, research services and unique collections. For more information, visit lloydlibrary.org/membership.

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Julia Ann Yarden
Rob Young
Kate Zaidan



In Tribute

While stationed in Japan, serving in the Navy from 1956 to 1959, Richard Ison acquired, *Flowers of Japan*. This work, published in Tokyo in 1891, is noted for its beautiful hand-colored wood block illustrations by Japanese artists. Richard's

daughter, Janet Baltzersen, recently donated the work to the Lloyd Library and Museum. "This book was very special to my father," says Janet. "He would have loved knowing that it was being preserved at the Lloyd and enjoyed by others."

Special thanks to our partners for their collaboration in our exhibitions, services, and programs:

Biodiversity Heritage Library
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Essen Kitchen Future Retrieval
Margaret H. Fulford Herbarium at the University
of Cincinnati
Ohio Preservation Council
Society for Economic Botany
The Cannabis Museum
The Public Library of Cincinnati and Hamilton County
The Vesalius Trust for Visual Communication in the
Health Sciences
Veterans Apothecary Association of Cincinnati
Women Writing for (a) Change

Lloyd Library collections were bolstered through materials donations, notably:

- The papers of Alpha Zeta Omega Pharmaceutical Fraternity, 1930-present, from Mike Seidenman
- *The Flowers of Japan and the Art of Floral Arrangement*, 1891, from Janet Baltzersen
- *Wild Flowers of America*, 1894, from Gerald Bellas
- 19th and early 20th century medical texts from Louis and Judith Belli
- *Icones Anatomicae* from David and Peter Warshaw
- *Rembrandt's Anatomy of Dr. Nicolaas Tulp*, 1958, from Roger and Berta Lerch
- Reprints of John Uri Lloyd's *Etidorhpa* from Albert Marlowe
- Ethnobotanical books from Nicholas Oberlies

Lloyd Library and Museum
917 Plum Street
Cincinnati, Ohio 45202



March 6 **Opening Reception:**

Women and Nature in the Arts, Sciences and Letters

Friday, March 6, 5:30-8:00 p.m. This exhibition features works by early naturalists, botanists, artists, ecologists and medical practitioners, who broke barriers and made unique, impactful and lasting contributions. Showcasing their books, illustrations, and manuscripts, *Women and Nature* runs through May 22. An exciting program series accompanies the exhibit. Refreshments.

Upcoming Exhibitions:

June 5 ***Summer Fun at the Lloyd Library***
June 5-September 12

September 25 ***Through the Lens of Nature Prints: A 2020 Fotofocus Biennel Exhibition***
September 25-November 21

Lloyd Library & Museum is open Monday-Friday and the third Saturday of the month, 9 a.m. to 4 p.m. and is free and open to the public.