Nature's Beloved Son Rediscovering John Muir's Botanical Legacy

Suggested Wall Colors

- Dunn Edwards paint colors
- Dark and light values for each hue •
- Shades found in Stephen's artwork •



Typography

- Baskerville: header and decorative font
- Univers: body and secondary . information

Baskerville Cyrillic LT Std – Upright Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz

1234567890

Baskerville Cyrillic LT Std – Inclined Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz 1234567890

Univers LT Std – 45 Light Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz 1234567890

Univers LT Std – 45 Light Italicized Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz 1234567890

Univers LT Std – 65 Bold

Aa Bb Cc Dd Ee Ff Gg Hh li Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz 1234567890

Nature's Beloved Son REDISCOVERING JOHN MUIR'S BOTANICAL LEGACY

Development Team: Bonnie Gisel Stephen Joseph Adrienne McGraw Design Team: Alison Garcia Kellar Angelia Loi Stephanie Pan Victoria Stanell Tim McNeil, Advisor



Sea Oat/Myrtle (1898)

24 x 30, paper / Florida

Engelmann Spruce (1879)

Pinus Tuberculata Drawing (1870)

24 x 30, paper / N/A

25

Thirteen Species of Musci (1865) 13 x 19, paper / Ontario, Canada



Lady's Slipper Orchid (1864) 13 x 19, paper / Ontario, Canada

10

18

30 x 24, canvas / Dease Lake, British Col. 42 x 60, canvas / Ontario, Canada

Five Spot (1907)

1

Twin Flower (1864)

24 x 30, paper / N/A

24 x 30, paper / Yosemite, CA



Bent Grass (1875) 13 x 19, paper / Yosemite, California

List of Plants Sent to Asa Gray

24 x 30, paper / N/A



12

20

Sand Myrtle (1898)

Alaska Cedar (1879) 13 x 19, paper / Fort Wrangel, Alaska

Northern Clintonia (1864)

24 x 30, canvas / Ontario, CA



Pale Laurel 24 x 30, paper / N/A



13 Sassafras (1898) 24 x 30, canvas / N/A



Common Thistle (1864) 24 x 30, paper / Ontario, Canada



15



Mountain Lady's Slipper (1875)

24 x 30, canvas / Yosemite, CA



23







Pygmy Buttercup (1881) 30 x 96, canvas / Cape Markham, Siberia 30 x 24, paper / N/A











California Polypod (1875) 42 x 56, canvas / Grandfather Mt, West N.C 42 x 81, canvas / Sierra Nevada, CA





31

Nature's Beloved Son REDISCOVERING JOHN MUIR'S BOTANICAL LEGACY

27 Trees Santa Cruz Drawing #501 (1875) 30 x 24, paper / N/A

Bleeding Heart (1866)

42 x 57, canvas / Indiana



28 Journal 1000 Mile Walk #513 (1867-68) Journal 1000 Mile Walk #523 (1867-68)

Development Team: Bonnie Gisel

30 x 24, paper / N/A

Stephen Joseph

Adrienne McGraw

29



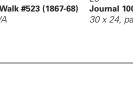
Journal 1000 Mile Walk #524 (1867-68) 30 x 24, paper / N/A

30

Journal Yosemite #488 (1869) 30 x 24, paper / Yosemite, CA

Tim McNeil, Advisor

Design Team: Alison Garcia Kellar Angelia Loi Stephanie Pan Victoria Stanell







Canadian Violet (1864) 24 x 30, paper / Ontario, Canada



Honey Locust 24 x 30, paper / N/A



White Arctic Mountain Heather (1881)



Trumpet Flower (1866) 24 x 30, canvas / Cape Thompson, Alaska 30 x 24, canvas / Indianapolis, Indiana





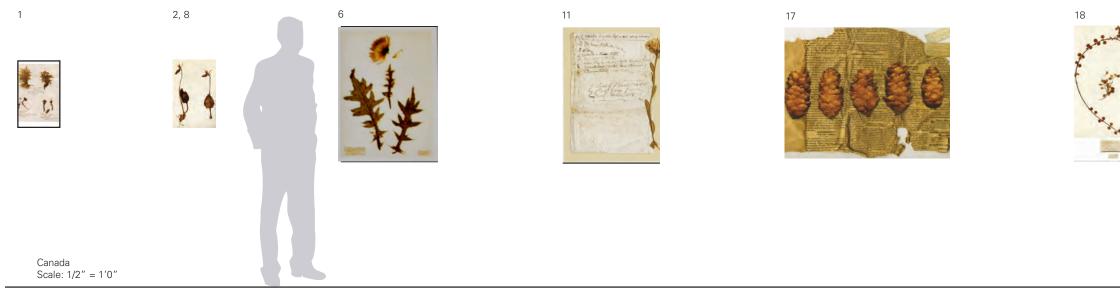
24 Davidson Glacier Drawing (1900)



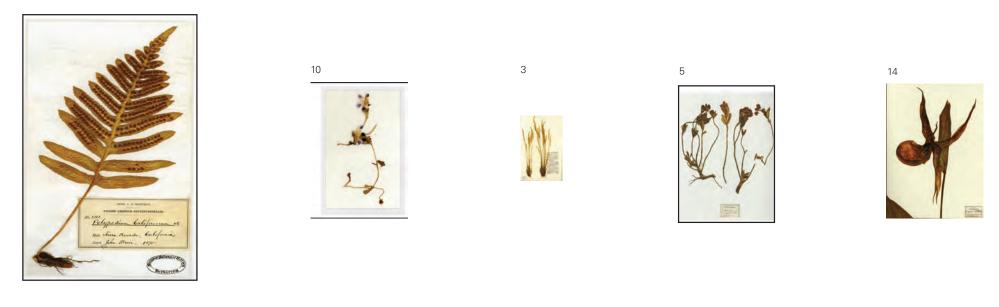
Journal Yosemite #491 (1869) 30 x 24, paper / Yosemite, CA

Nature's Beloved Son June 11, 2010 Final Object List

Object List



21



California Scale: 1/2" = 1'0"

Nature's Beloved Son

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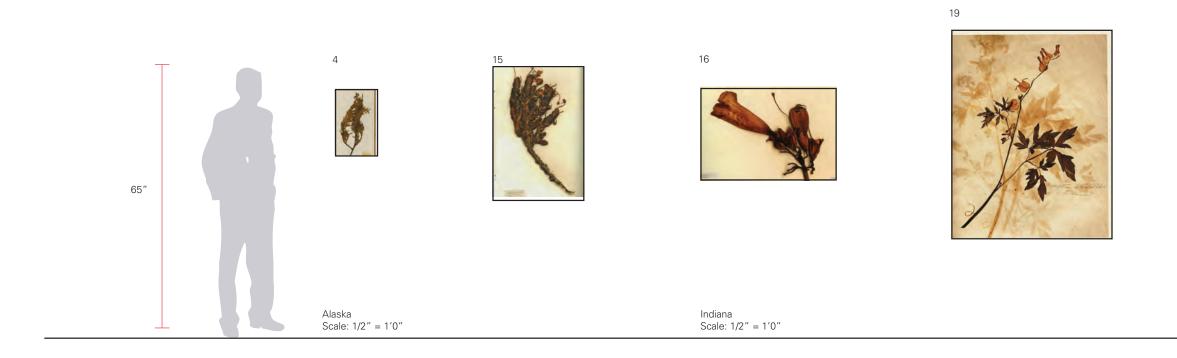




22



Object Grouping Elevations





Sketches & Journal Entries Scale: 1/2" = 1'0"

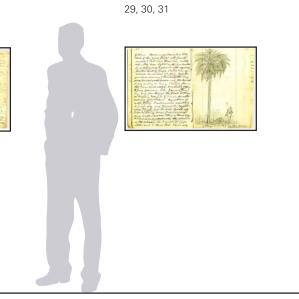
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Florida Scale: 1/2" = 1'0"



Object Grouping Elevations

Notes

- 2' by 2' image panel
- 2' by 4' title panel
- Two separate panels for shipping
- Image collage still under development
- Adrienne's suggestion: Develop two more design options for image panel.
- Bonnie's suggestion: Use oval-shaped image of Muir as a young man (San Fran. 2972 by Rulofson photo) for the image panel, because different venues may not know who he is.



2′

Nature's Beloved Son

4′

REDISCOVERING JOHN MUIR'S BOTANICAL LEGACY

6′

Nature's Beloved Son

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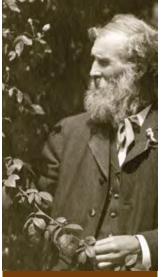
3' (36 in.)



"I care to live only to entice people to look at Nature's loveliness."



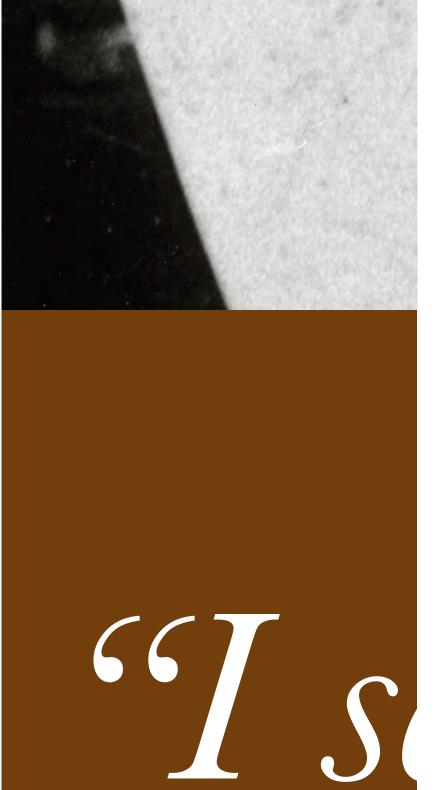
"I seek to spell out by close inspection things not well understood."



"When I discovered a plant, I sat down to make its acquaintance."

banner no.1 full scale 100%

7′ (84 in.)



"The most microscopic portions of plants are beautiful in themselves."



"Were not all plants beautiful? Or in some way useful?"



"Nature's purposes seen strikingly in seeds & buds."

Stephen Joseph Adrienne McGraw

Development Team: Bonnie Gisel

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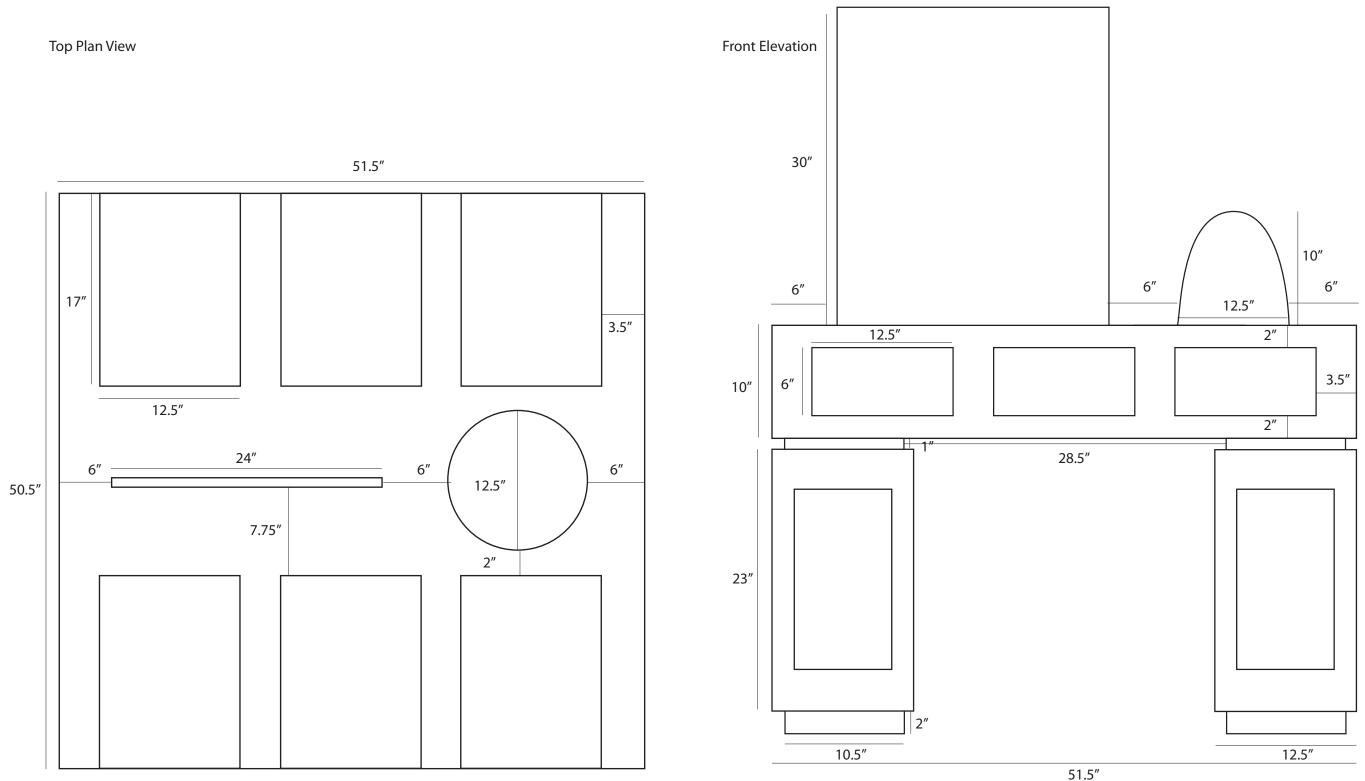
Nature's Beloved Son

REDISCOVERING JOHN MUIR'S BOTANICAL LEGACY

Notes

- 3" wide, 7' length
- Cotton Broadcloth
- Sewn pockets along top and bottom edges for rods/dowels.
- Printed double-sided or single-sided, depending on budget.
- If double sided, can be hung freeform or against a wall.

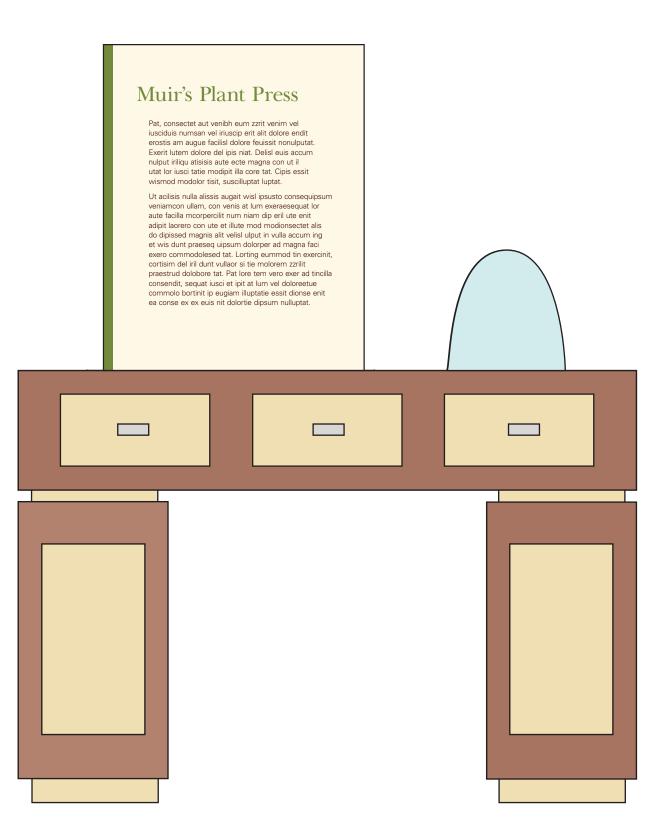
Quotation Banners



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Desk and Vitrine Measurements



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Notes

- Suggested design only.
- Legs of desk may be reduced significantly.
- Text panel copy sent by Adrienne to Angelia, to be obtained by Stephanie to put into text panel.
- Side-view elevation and measurements to be sent by Angelia.

Desk and Vitrine Elevation

Notes

- 24"x30" text panels
- Image to go in bottom right corner or background, yet to be chosen.
- Includes Bonnie's text edits.

John Muir

John Muir, one of the most influential preservationists in American history, believed that his purpose in life was to help people to see Nature's beauty. To accomplish this he wrote letters, stories, and books describing his experience in the natural world.

An avid walker, Muir traveled from Wisconsin to Canada to study plants in the "University of the Wilderness." He walked a thousand miles to Florida to see and collect plants. Strange plants crowded around him. Few were familiar. Muir called himself a "stranger in a strange land" of plants he had never seen. When he arrived in California, he botanized and studied glaciers. During trips to Alaska, muir continued to collect plants. Curious about plants and where they lived, sometimes he simply went for a walk and out of sheer joy stuffed his pockets with wildflowers because they were beautiful.

Muir the Botanist

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When John Muir was a boy in Scotland, his family had a garden in which he planted seeds and then dug them up again each day to see how much they had grown. Muir knew there was something special about plants and while a student at the University of Wisconsin began to study botany.

Leaving Wisconsin, he traveled to Canada to study plants in the "University of the Wilderness." He walked a thousand miles to Florida to see and collect plants and when he arrived in California he botanized and studied glaciers. During trips to Alaska he continued to collected plants. While Muir was interested in science, sometimes he simply went for a walk and out of sheer joy. He stuffed his pockets with wildflowers because he was curious about them and found them beautiful.

Text Panels

Herbarium

An herbarium is a dried garden, a collection of plant specimens that are pressed, dried, mounted on rigid paper, and filed in cabinets. While these plants have lost their color and look different from live plants, they create a beauty all their own. In an herbarium scientists and historians are able to study plants from around the world and learn about biodiversity, genetics, endangered species, medicinal qualities of plants, the changing climate, and why some plants are extinct. Each specimen is accompanied by the name of the plant, where it was collected and when, and the name of the collector.

Nomenclature

To identify plants scientists called "botanists" give each plant a Latin name. All plants are grouped into categories called families based on the greatest similarities. Each plant has a first name, a "genus" or generic name, that it shares with other plants that reseumble it. Each plant also has its own special name which is its "species" name.

Example:

Calypso borealis is a member of the Orchidaceae Family or Orchid Family.

Calypso is the "genus" and means "hider," and *borealis* is the "species" and means north. This orchid is given this name because it is rare and hard to find and because it grows—in northern habitats.

The common name is "Hider of the North" or Northern Lady's Slipper Orchid because it looks like a shoe.

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Notes

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- Includes Bonnie's text edits.

Text Panels

Notes

- 24"x30" text panel
- Image to go in bottom right corner or background, to be determined.
- Bonnie's edits: • - New panel "How the Muir herbarium project was done" (name shortened to "The Muir Herbarium Project")
 - Condensed bios into one panel, "The Curators" (title may change)
- Plant labels and images to accompany "The Muir Herbarium Project":
 - Common Thistle
 - Narcissus-flowered Anemone
 - Canadian White Violet

The Curators

Bonnie Gisel

In the fall of 2003 Muir historian Bonnie Gisel began a search for the plant specimens collected by John Muir in Canada, Indiana, throughout the southern United States, and in California and Alaska beginning in 1864 and through and until the early twentieth century. Though Muir's drawings, letters, journals, articles, and books record his travels, Gisel wanted to know more about the landscapes across which Muir traveled more than 125 years ago.

What plants did he see?

Gisel created lists of the plants Muir noted that he saw and collected and she traveled to national parks, botanical gardens, natural history museums, and universities, utilizing the lists to find hundreds of plants collected by Muir tucked away in herbaria.

Stephen Joseph

Landscape photographer Stephen Joseph scanned and restored Muir's plants to their original beauty as Muir himself would have seen them. Though he scanned hundreds of plant specimens, Joseph never tired of the thought that Muir had picked and preserved each one.

The Muir Herbarium Project

John Muir's plant specimens have been scanned and restored on a computer. While smaller plants were scanned as one unit, larger plants were scanned in sections. Consideration had to be given to the fragile nature of the specimens. Each lant was carefully moved on the scanning bed. The sections of the larger plants were stitched together in Photoshop.

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From three to twenty hours were spent digitally removing each plant from the sheet upon which it was glued or taped and then restoration began. The sections hidden behind the tape or glue that held them to the original paper were rebuilt with the use of cloning techniques. Using color selection, curves, and levels, the contract and color of the plants were increased. New compositions include notes, envelopes, and labels incorporated with Photoshop layers. Each plant was evaluated to determine its relevance for inclusion in Nature's Beloved Son. The criteria included history, geography, plant taxonomy, date, and beauty.

Text Panels

Inspiration

John Muir believed that plants contribute to our sense of well-being. Their beauty is inspiring and comforting. Trees and plants of all varities, sizes, shapes, and colors, awaken our imagination. We find ourselves gazing at a field of wildflowers and we sense a peace and reach for memories as well as hope for the future. In petals and leaves and deep within the roots of plants that hold the earth together, we celebrate and find value in the natural world.

We recognize and appreciate the many habitats in which plants grow, where they all produce oxygen. While some plants produce food, other are home to animals and insects, and still others are simply a pleasure to look at. Then, too, we remember that without them life as we know it would not exist.

Muir's Plant Press

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Notes

- 24"x30" text panels
- Image to go in bottom right corner or background, to be determined.
- Includes Bonnie's text edits.
- "Muir's Plant Press" panel to go with desk of specimens and plant press vitrine. Copy to be obtained from Angelia.

Text Panels

Calypso borealis Lady Slipper; Hider of the North Marking Slipper; Hider of the North Marking Slipper; Hider of the Slipper Statistical Slipper Slipper Slipper Slipper Slipper Slipper Slipper Slippe	<text><text><text><text></text></text></text></text>	Agrostis exarata Bent Grass 1875 "Juolumne Divide. August 21, 1872. Grass, a species of Agrosts, with all, unbranched, strong stem New Yoursen: and anciced purple Powers, arches and wees. California and anciced purple Powers, arches and wees. California - Ance Mark Aurore, Tetranov Deale, Aquer 27, 1972. Course virtue Manue Amount I and	Cupressus nutkatensis Alaska Cectar; Yellow Cypress Si79 Capressacce Si21 Cutron Factor	Violac Canadianus Canadianu White Violet 1864 Violacae Outscare Ottal Call. John Muir "It was with no little difficulty that my object in seeking "these wilds traversed by few" was explained to the "dotary was a term they had not hard before in "Gotary was a term they had not hard before in glants, they would desire to know whether it was or whether it was collecting plants, they would desire to know whether it was government official of some kind, or minister, or peddler."	Cirsium lan Common Thistle 1864 Atteraceae Ontario, Canada Call. John Muir
<section-header><section-header><section-header><section-header><section-header><section-header><section-header><text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	Bit Increase of Gravitation in bottamy from a student. Bit Increase of Gravitation in bottamy from a student. Bit Increase of Gravitation. Bit	<section-header><section-header><section-header><section-header><section-header><text></text></section-header></section-header></section-header></section-header></section-header>	List of plants sent by John Muir to Asa Gray from Kings River, etc. 1870 John Muir The plant specimen is No. 2, Aster oreganue, a member of the Asternocene family.	Nemophila maculata Evespoi 1907 Hidrophilacara Arren Vision Coll. John Mair -Arten Mark And	Clintonia bo Northern Clinto 1864 Lilaceae Ontario, Ganada Gell. John Muir
Sassafras officinale Sasafras Mar October 8h. Just returned from a magnificent drive ap our of Cumberland s or 6 miles from Muntsville. De woods and plants in general way interesting, magnificent hukkynen, was 14 species aller. Strammer Sammer Samm	Cyperipedium montanum, hours, business, singless, singl	<section-header><section-header><section-header><text><text><text></text></text></text></section-header></section-header></section-header>	Teccoma radicans Trumpet Flower Non "Here with let me introduce to you Mr. John Mur, a Non "Weth young man in every way. If you can wate Indiamapolis, Indiama "Here with let me introduce to you Mr. John Mur, a Out John Mur "Gui John Mur" -Area 2. Bater a Caterra Merrid, Matera, Weteran, Arel 20, 1001	<section-header><section-header><section-header><section-header><section-header><section-header><text></text></section-header></section-header></section-header></section-header></section-header></section-header>	Linnaea bo Twin Flower 1864 Capitoliaceae Ontario, Canada Coll. John Muir
Dicentra spectabilis Blecding Heart Issa Kusariaca Gull, John Mair Coll, John	Leiophyllum buxifolium Sand Myrcle INS Kracze Gradinater Manatalia Garlenber Starting Call John Mair Schernber Zugeling Schernber Starting Schernber Zugeling Scherber Zugeling <td>Polypodium californicum California Polypodi 1875 Polypodiscea Starfornia Scalifornia California Colligence Starfornia Collifornia Colligence Starfornia Collifornia Colligence Starfornia Colligence Starfornia Colligence Starfornia Colligence Starfornia California California Labora Colligence Starfornia California Labora Probability Broded with Polypodium' -Attribution Broded with Polypodium'</td> <td>Likicrose Washingtonianum Washington Liky 1875 Likicrose Calf. John Muir Calfornia Call. John Muir Washington Liky Statistica Statistics and Statistics Statistics and Statistics Statistic</td> <td>Ranuaculus pygmaeus Pygmy Buttercup INI Ramuscularcas Steria Oll, John Main Schultz of about the level of the set. Charace of the level of the set.</td> <td>Davidson (1900 - Sketch by John Mair</td>	Polypodium californicum California Polypodi 1875 Polypodiscea Starfornia Scalifornia California Colligence Starfornia Collifornia Colligence Starfornia Collifornia Colligence Starfornia Colligence Starfornia Colligence Starfornia Colligence Starfornia California California Labora Colligence Starfornia California Labora Probability Broded with Polypodium' -Attribution Broded with Polypodium'	Likicrose Washingtonianum Washington Liky 1875 Likicrose Calf. John Muir Calfornia Call. John Muir Washington Liky Statistica Statistics and Statistics Statistics and Statistics Statistic	Ranuaculus pygmaeus Pygmy Buttercup INI Ramuscularcas Steria Oll, John Main Schultz of about the level of the set. Charace of the level of the set.	Davidson (1900 - Sketch by John Mair
Princes tuberculata Knobcone Pine 1870 Stech by John Mair Sterra Nevada	Isolated patch of Redwood growing on smooth sunny slope 400 feet above sea near Santa Cruz ¹⁸⁷³ Skeck by John Muir	Planning My Journey outside of Journey Muir restende the outskins of Lussille, Kentucky, and spread out his pocket map to piln his journey in a southward direction, traveling by the wild, leafy, least boddem way. - And Mar Amanda and San a	My Bonaventure Home, Saw Dalmetto & Wand Solidago Mis Bonaventure Cemetery Murbuit a tent with ushes and Tillandasia (Spaniah mosal. He camped for newity a wede anabe that the camped for metry a wede anabe that the compute hole journey to Formis under anabe that the compute hole journey to Formis wede anabe that the compute hole journey to Formis Used anabe that the compute hole journey to Formis Camped a formis Mis Saw Palmetto (Seenan menoral & Wand Solidago Guidago attestimat, souther news) a Formis Camped a formis Internet metric that camped a formis	Sabal palmetto Cabbage Palmetto "Wy first specifiem near Fernandina, Florida. John Mur with his plant press over his shoulder. He had longed to gander things than firon any human priese." "Anthe Sama Research water the distribution of the second the "Chammer and the the distribution"	Linanthus a Evening Snow In January roate to in Muir wrote

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REDISCOVERING JOHN MUIR'S BOTANICAL LEGACY

<i>m lanceolatum</i> a Thistle	
¹¹ cannot understand the nature of the curse, "thoms and thistes shall it thing not hot to thee." Is our world indeed the worse for this "thistly curse?" Are not all plants base/thit? or in some www.yasefu?" Woold not the world suffer by the banishment of a single weed?" - Are Mer, "for he have Measter. The Cogene Reveals," Basen Reveals." BBB	
Lui National Historic She	
	1
nia borealis n Clintonia In the long summer days I used to get up about daylight in the a walk among the interesting plants of a broad marsh through which the Holland River flows." 	
	1
each boneach is were and and	
tu Apers, han Adminis Department of Departed Hild Machinese Trans and a first Audit Callery	
thus dichotomus Snow In January, Twenty Hill Hollow, on the western plain on route to the foothlis of the Sierra, overflowed with suright.	Sarcodes sanguinea Snow Plant Each day, a plant, moss, or liverwort sprung itself loose from the ground. The "entire plan was soon covered with a soft velet robe of long green."
Muir wrote that "the ground steamed with fragmone." — John Maris Jamei "Teeny Hil Halles," January - May 1869	Underson Win is Son (Herene) funde ou in Hing y Benn. – John Marin Journal (Trainty Hill Polition), January – M
lue Papers, Holt-Adherson Department of Cappright 1984 Main-Hanna Toust events of the Pacific Liberry	Courteiny of the John Mulo Papers, Alais Asthenson Department of Special Collections, University of the Pacific Liberry

(31 labels total)

Object Labels

Calypso borealis Lady's Slipper; Hider of the North

1864 Orchidaceae Ontario, Canada Coll. John Muir "I never before saw a plant so full of life, so perfectly spiritual, it seemed pure enough for the throne of its Creator. I felt as if I were in the presence of superior beings who loved me and beckoned me to come. I sat down beside them and wept for joy. Could angels in their better land show us a more beautiful plant? How good is our Heavenly Father in granting us such friends as are these plant creatures, filing us wherever we go with pleasure so deep, so pure, so endless."

> – John Muir, "For the Boston Recorder. The Calypso Borealis," Boston Recorder, 1866

Courtesy of the John Muir National Historic Site

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Notes

- All labels are 7"x11", shown in actual size.
- All punctuation and grammatical corrections have been made.
- Check citation formats for corrections in unitalicizing publication names.

Object Labels

Thirteen specimens of Musci

1865

Ontario, Canada Coll. John Muir "I procured ten or twelve species of moss all in fruit, also a club-moss, a fern, and some liverworts and lichens. I have also a box of thyme. I would go a long way to see your herbarium, more especially your ferns and mosses. These two are by far the most interesting of all the natural orders to me."

– John Muir to Jeanne C. Carr, The Hollow, January 21, 1866

Courtesy of the John Muir National Historic Site

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Object Labels

Agrostis exarata Bent Grass

1875

Gramineae

Near Yosemite, California

Coll. John Muir

"Tuolumne Divide. August 21, 1872. Grass, a species of *Agrostis*, with tall, unbranched, strong stem and panicle of purple flowers, arches and waves above the low velvet sod like tropic bamboos."

– John Muir's Journal, Tuolumne Divide, August 21, 1872

Courtesy of the Missouri Botanical Garden

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Object Labels

Cupressus nutkatensis Alaska Cedar; Yellow Cypress

1879

Cupressaceae Sitka, Alaska Coll. John Muir "The bulk of the forests of Southeastern Alaska is made up of three species of evergreen, all of which are of good size, and grow close together, covering almost every acre of the islands, however rocky, and the margin of the coast and the mountain slopes. The most important of these is the yellow cedar, or cypress (*Cupressus nutkatensis*), a truly noble tree."

> – John Muir, "Alaska Forests. Evergreens," San Francisco Daily Evening Bulletin, October 30, 1879

Courtesy of the Harvard University Herbaria

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Object Labels

Viola Canadensis Canadian White Violet

1864 Violaceae Ontario, Canada Coll. John Muir "It was with no little difficulty that my object in seeking 'these wilds traversed by few' was explained to the sturdy and hospitable lairds of these remote districts. 'Botany' was a term they had not heard before in use. What did it mean? If told that I was collecting plants, they would desire to know whether it was cabbage plants that I sought, and if so, how could I find cabbage plants in the bush? Others took me for a government official of some kind, or minister, or peddler."

- John Muir, "The Sojourn in Canada," The Life and Letters of John Muir, 1924

Courtesy of the John Muir National Historic Site

Nature's Beloved Son REDISCOVERING JOHN MUIR'S BOTANICAL LEGACY Development Team: Bonnie Gisel Stephen Joseph Adrienne McGraw Design Team: Alison Garcia Kellar Angelia Loi Stephanie Pan Victoria Stanell Tim McNeil, Advisor

Notes

• 1 of 3 labels to accompany the "How We Did It" text panel.

Object Labels

Cirsium lanceolatum Common Thistle

1864

Asteraceae Ontario, Canada Coll. John Muir "I cannot understand the nature of the curse, 'thorns and thistles shall it bring forth to thee.' Is our world indeed the worse for this 'thistly curse?' Are not all plants beautiful? or in some way useful? Would not the world suffer by the banishment of a single weed?"

- John Muir, "For the Boston Recorder. The Calypso Borealis," Boston Recorder, 1866

Courtesy of the John Muir National Historic Site

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Notes

• 2 of 3 labels to accompany the "How We Did It" text panel.

Object Labels

Anemone narcissiflora Narcissus-flowered Anemone

1881

Ranunculaceae

Cape Thompson, Alaska

Coll. John Muir

"I stopped to gather the flowers that I found in bloom. The banks of a stream coming from a basin filled with snow was quite richly flowered with anemones, buttercups, potentillas, draba, primulas, and manu species of dwarf willows."

- John Muir, "Botanical Notes," Revenue-Steamer Corwin, 1883

Courtesy of the Harvard University Herbaria

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Notes

• 3 of 3 labels to accompany the "How We Did It" text panel.

Object Labels

Gleditsia triacanthos Honey Locust

1864

Leguminosae Ontario, Canada Coll. John Muir "I received my first lesson in botany from a student by the name of Griswold. He reached up, plucked a flower from an overspreading branch of a locust tree, and handing it to me, said, 'Muir, do you know what family this tree belongs to?'"

– John Muir, The Story of My Boyhood and Youth, Houghton Mifflin, 1913

Courtesy of the John Muir National Historic Site

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Object Labels

Uniola paniculata Sea Oats

1898 Gramineae Florida Coll. John Muir "This morning I began botanizing before breakfast in the open space beside the hotel, lovely flowers in lavish abundance. Then we got a carriage and drove all forenoon and afternoon over coral roads through the densest pine and palm and laurel, pawpaw and banyan forests full of bloom unspeakably rich and exuberant and wild."

– John Muir to Louie Wanda Muir, Miami, November 14, 1898

Courtesy of the John Muir National Historic Site

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Object Labels

List of plants sent by John Muir to Asa Gray from Kings River, etc.

1870

John Muir

The plant specimen is No. 2, Aster oreganus, a member of the Asteraceae family.

Courtesy of the John Muir National Historic Site

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Notes

• This label was missing in the previous proof, it is now added into the labels file.

Object Labels

Nemophila maculata Fivespot

1907

Hydrophyllaceae Above Yosemite, California

Coll. John Muir

"*Nemophilia maculata* came today. Its stigmas are small and black like spiders' eyes, and the corolla very delicate. Only the fingers of Goda are sufficiently gentle and tender for the folding and unfolding of petaled bundles of flowers."

– John Muir's Journal, At Smoky Jack's Sheep Camp, February 18, 1869

Courtesy of the John Muir National Historic Site

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Notes

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Object Labels

Clintonia borealis Northern Clintonia

1864 Lilaceae Ontario, Canada Coll. John Muir "In the long summer days I used to get up about daylight and take a walk among the interesting plants of a broad marsh through which the Holland River flows."

– John Muir, Sojourn in Canada, 1864–1866

Courtesy of the John Muir National Historic Site

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Object Labels

Sassafras officinale Sassafras

1898

Lauraceae Coll. John Muir "October 8th. Just returned from a magnificent drive up spur of Cumberland 5 or 6 miles from Huntsville. The woods and plants in general very interesting, many rare. Texas oak, chestnut, white, black and magnificent hickory, grand Tulip, sassafras, sorrel, cherry, rhamnus, linden, ash, 3 species elm."

– John Muir, "Rambles thru the South," 1898

Courtesy of the Holt-Atherton Department of Special Collections, University of the Pacific Library

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Object Labels

Cypripedium montanum Mountain Lady's Slipper

1875

Orchidaceae Near Yosemite,

California

Coll. John Muir

"*Cypripedium montanum*, the only moccasin flower I have seen in the Park, is a handsome, thoughtful-looking plant living beside cool brooks. The large oval lip is white, delicately veined with purple; the other petals and sepals purple, strap-shaped, and elegantly curved and twisted."

- John Muir, "The Wild Gardens of the Yosemite Park," The Atlantic Monthly, 1900

Courtesy of the Missouri Botanical Garden

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Object Labels

Cassiope tetragona White Arctic Mountain Heather

1881

Ericaceae

Cape Thompson, Alaska

Coll. John Muir

"The plants named in the following notes were collected at many localities on the coasts of Alaska and Siberia, and on Saint Lawrence, Wrangel, and Herald Islands in the course of short excursions, some of them less than an hour in length. Inasmuch as the flora of the arctic and subarctic regions is nearly the same everywhere, the discovery of many species new to science was not to be expected. The collection will no doubt be valuable for comparison with the plants of other regions."

- John Muir, "Botanical Notes," Revenue-Steamer Corwin, 1883

Courtesy of the Harvard University Herbaria

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Object Labels

Tecoma radicans Trumpet Flower

1866

Bignoniaceae Indianapolis, Indiana Coll. John Muir "Here with let me introduce to you Mr. John Muir, a worthy young man in every way. If you can walk the fields with him, you will find that Solomon could speak no more wisely about plants."

– James D. Butler to Catherine Merrill, Madison, Wisconsin, April 26, 1866

Courtesy of the John Muir National Historic Site

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Object Labels

Picea engelmannii Engelmann Spruce

1879

Pinaceae

Dease Lake, British Columbia

Coll. John Muir

"There is another handsome spruce hereabouts, very slender and graceful in habit, drooping at the top like a mountain hemlock. I saw fine specimens a hundred and twenty-five feet high. The tops of some of them were almost covered with dense clusters of brown cones."

- John Muir, Travels in Alaska, (Date?)

Courtesy of the Missouri Botanical Garden

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Notes

• Missing date in citation?

Object Labels

Linnaea borealis Twin Flower

1864

Caprifoliaceae Ontario, Canada Coll. John Muir In 1877 Muir, Asa Gray, the Harvard botanist, and Sir Joseph Hooker of Kew Gardens, in London, were botanizing on Mount Shasta. Gray asked Muir why he had not found *Linnaea* in California. The following day, Muir and hooker came to a branch of the Sacramento River and noticed a green carpet on the bank. Hooker bestowed a keen botanic look. "Isn't that *Linnaea*?" Muir would later note this was the first time the Twin Flower was recognized in California. "It seemed Gray had felt its presence on the mountain ten miles away."

- John Muir, "Linnaeus," Library of the World's Best Literature, 1896

Courtesy of the John Muir National Historic Site

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Object Labels

Dicentra spectabilis Bleeding Heart

1866 Fumariaceae Indiana Coll. John Muir "I gathered a handful of wildflowers about a mile and a half from town this morning before breakfast. When I first entered the woods and stood among the beautiful flowers and trees of God's own garden, so pure and chaste and lovely, I could not help shedding tears of joy."

– John Muir to Sarah Muir Galloway, Indianapolis, Indiana, May 1866

Courtesy of the John Muir National Historic Site

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Object Labels

Leiophyllum buxifolium Sand Myrtle

1898

Ericaceae

Grandfather Mountain, western North Carolina

Coll. John Muir

"September 24, 1898. On Roan High Bluff, over 6200 feet above sea. Gray granite rock joints weathering, lovely slopes feathered with coloring trees descending in fine lines. Gray rocks on top with *Leiophyllum buxifolium*, charming shrub with white flowers and small sparkling leaves."

– John Muir, "Rambles thru the South," 1898

Courtesy of the Holt-Atherton Department of Special Collections, University of the Pacific Library

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Object Labels

Polypodium californicum California Polypod

1875

Polypodiaceae Sierra Nevada, California Coll. John Muir "This is a delightful nook, or recess, running back of the foot of the Lower Yosemite fall about a hundred yards on the west side, its walls well fringed with maidenhair and spiraea and tufts of live-oak. Near the fall is a ledge thickly fronded with *Polypodium*."

– John Muir, Sierra fragment, nook west of Lower Yosemite Fall, undated

Courtesy of the Missouri Botanical Garden

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Object Labels

Lilium washingtonianum Washington Lily

1875

Liliaceae

Near Yosemite Valley, California

Coll. John Muir

"The Washington lily is white, deliciously fragrant, moderate in size, with three to ten flowered racemes. The largest I ever measured was eight feet high. This famous lily is distributed over the sunny portions of the sugar-pine woods, never in large garden companies, but widely scattered, waving its lovely flowers above the blooming wilderness of brush, and giving their fragrance to the breeze."

– John Muir, "Wild Gardens of the Yosemite Park," The Atlantic Monthly, 1900

Courtesy of the Missouri Botanical Garden

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Object Labels

Ranunculus pygmaeus Pygmy Buttercup

1881

Ranunculaceae

Cape Markham, Siberia

Coll. John Muir

"I stopped to gather the flowers that I found in bloom. The banks of a stream coming from a high basin filled with snow was quite richly flowered with with, buttercups, potentillas, draba, primulas and many species of dwarf willows, up to a height of about a thousand feet above the level of the sea."

> John Muir, "At East Cape. Botanizing on the Siberian Shore," San Francisco Daily Evening Bulletin, August 16, 1881

Courtesy of the Harvard University Herbaria

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Object Labels

Davidson	Glacier, Alaska
1900 Sketch by John Muir	"The mills of God grind slowly but they grind exceeding fine."
Courtesy of the John Muir Papers, H Special Collections, University of the	

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Notes

• Missing citation?

Object Labels

Pinus tuberculata Knobcone Pine

1870 Sketch by

Sketch by John Muir Sierra Nevada "This curious little pine is found at an elevation of from 1500 to 3000 feet, growing in close, willowy groves. It is exceedingly slender and graceful in habit, although trees that chance to stand alone outside the groves sweep forth long, curved branches, producing a striking contrast to the ordinary grove form."

- John Muir, The Mountains of California

Courtesy of the John Muir Papers, Holt-Atherton Department of Special Collections, University of the Pacific Library

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Object Labels

Isolated patch of Redwood growing on smooth sunny slope 400 feet above sea near Santa Cruz

1875 Sketch by John Muir

Courtesy of the John Muir Papers, Holt-Atherton Department of Special Collections, University of the Pacific Library

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Notes

- Can we choose a shorter title for this piece?
- The current title length would be appropriate for description text in the middle of the label, or could we find a quotation for this sketch for the middle of the label?

Object Labels

Planning My Journey outside of Louisville, Kentucky

Muir reached the outskirts of Louisville, Kentucky, and spread out his pocket map to plan his journey in a southward direction, traveling by the wild, leafy, least-trodden way.

> – John Muir's Journal. Thousand-mile walk to the Gulf, "Florida and Cuba trip," September 1867–February 1868

Courtesy of the John Muir Papers, Holt-Atherton Department of Special Collections, University of the Pacific Library

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Object Labels

My Bonaventure Home, Saw Palmetto & Wand Solidago

Left: In Bonaventure Cemetery Muir built a tent with rushes and *Tillandsia* (Spanish moss). He camped for nearly a week and waited for money to arrive from his brother that would enable him to continue his journey to Florida.

Right: Saw Palmetto (*Serenoa repens*) & Wand Solidago (*Solidago altissima*), southern Georgia & Florida

– John Muir's Journal. Thousand-mile walk to the Gulf, "Florida and Cuba Trip," September 1867 – February 1868

Courtesy of the John Muir Papers, Holt-Atherton Department of Special Collections, University of the Pacific Library

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Notes

• This label used to be separated into two for the first proof, now it is back as one label.

Object Labels

Sabal palmetto Cabbage Palmetto

"My first specimen near Fernandina, Florida. John Muir with his plant press over his shoulder. He had longed to see the palmetto, from whom he said he learned far grander things than from any human priest."

> - John Muir's Journal. Thousand-mile walk to the Gulf, "Florida and Cuba Trip," September 1867 – February 1868.

Courtesy of the John Muir Papers, Holt-Atherton Department of Special Collections, University of the Pacific Library

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Object Labels

Linanthus dichotomus Evening Snow

In January, Twenty Hill Hollow, on the western plain on route to the foothills of the Sierra, overflowed with sunlight. Muir wrote that "the ground steamed with fragrance."

- John Muir's Journal. "Twenty Hill Hollow," January – May 1869

Courtesy of the John Muir Papers, Holt-Atherton Department of Special Collections, University of the Pacific Library

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Object Labels

Sarcodes sanguinea Snow Plant

Each day, a plant, moss, or liverwort sprung itself loose from the ground. The "entire plain was soon covered with a soft velvet robe of living green."

- John Muir's Journal. "Twenty Hill Hollow," January – May 1869.

Courtesy of the John Muir Papers, Holt-Atherton Department of Special Collections, University of the Pacific Library

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Object Labels