

Inkscape

for



Art &

Science

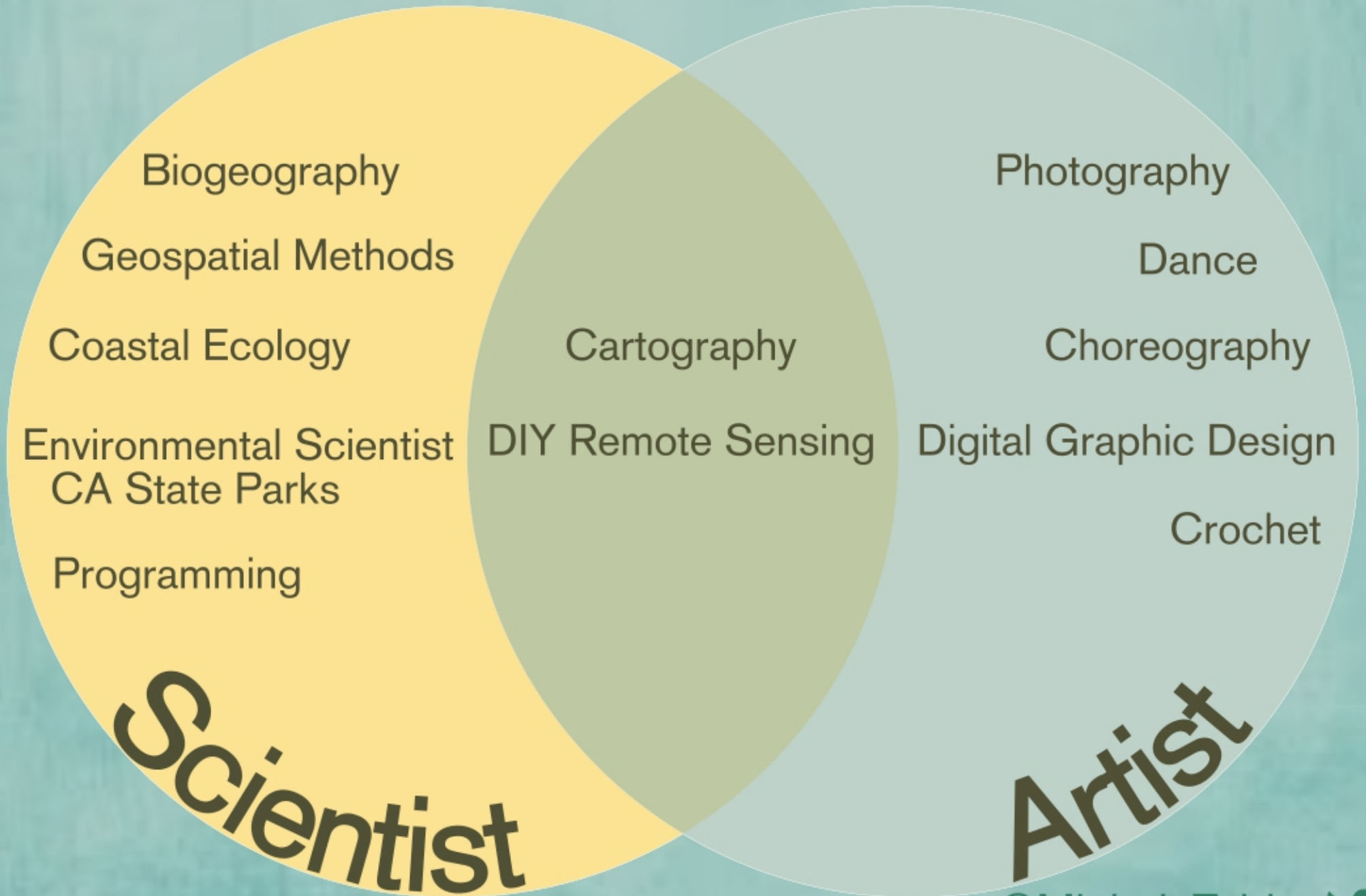
Michele M. Tobias, PhD

Linux Users Group of Davis * June 20th, 2016

@MicheleTobias 



Michele Tobias



What is Inkscape?

Vector Illustration Program =
Points, Lines, Polygons

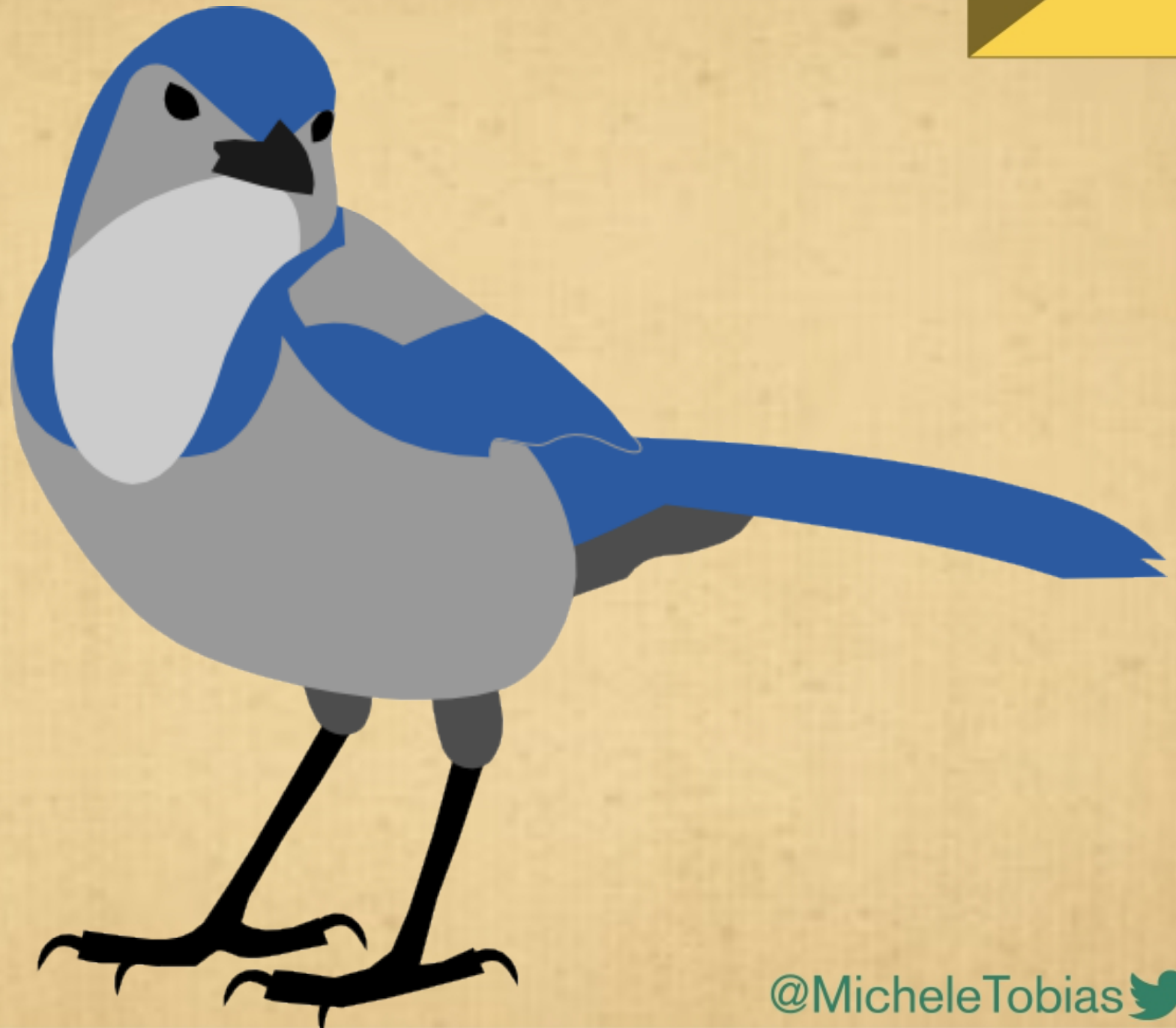
NOT
Raster = Grid
ex: Photos

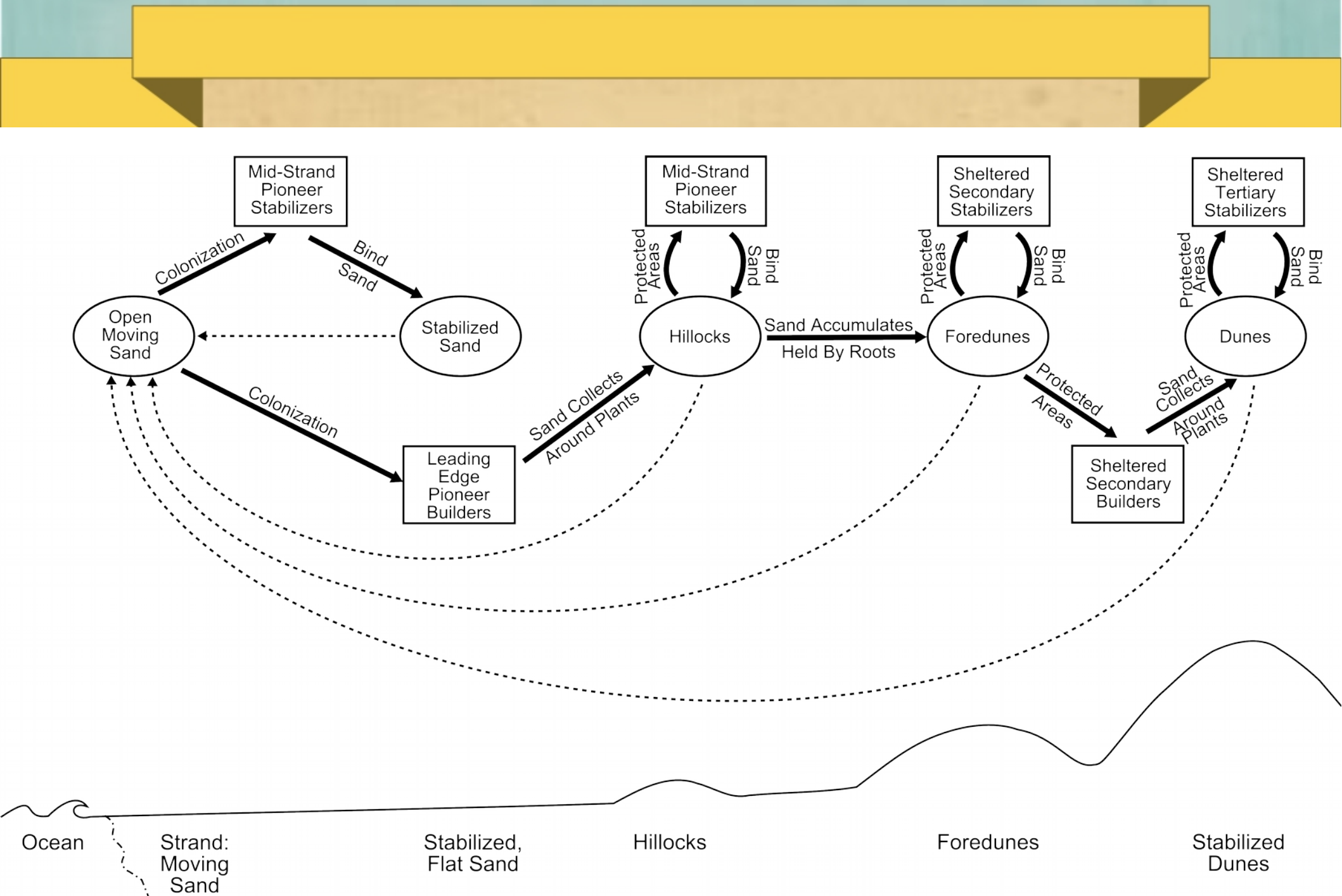
What can I do with
Inkscape?



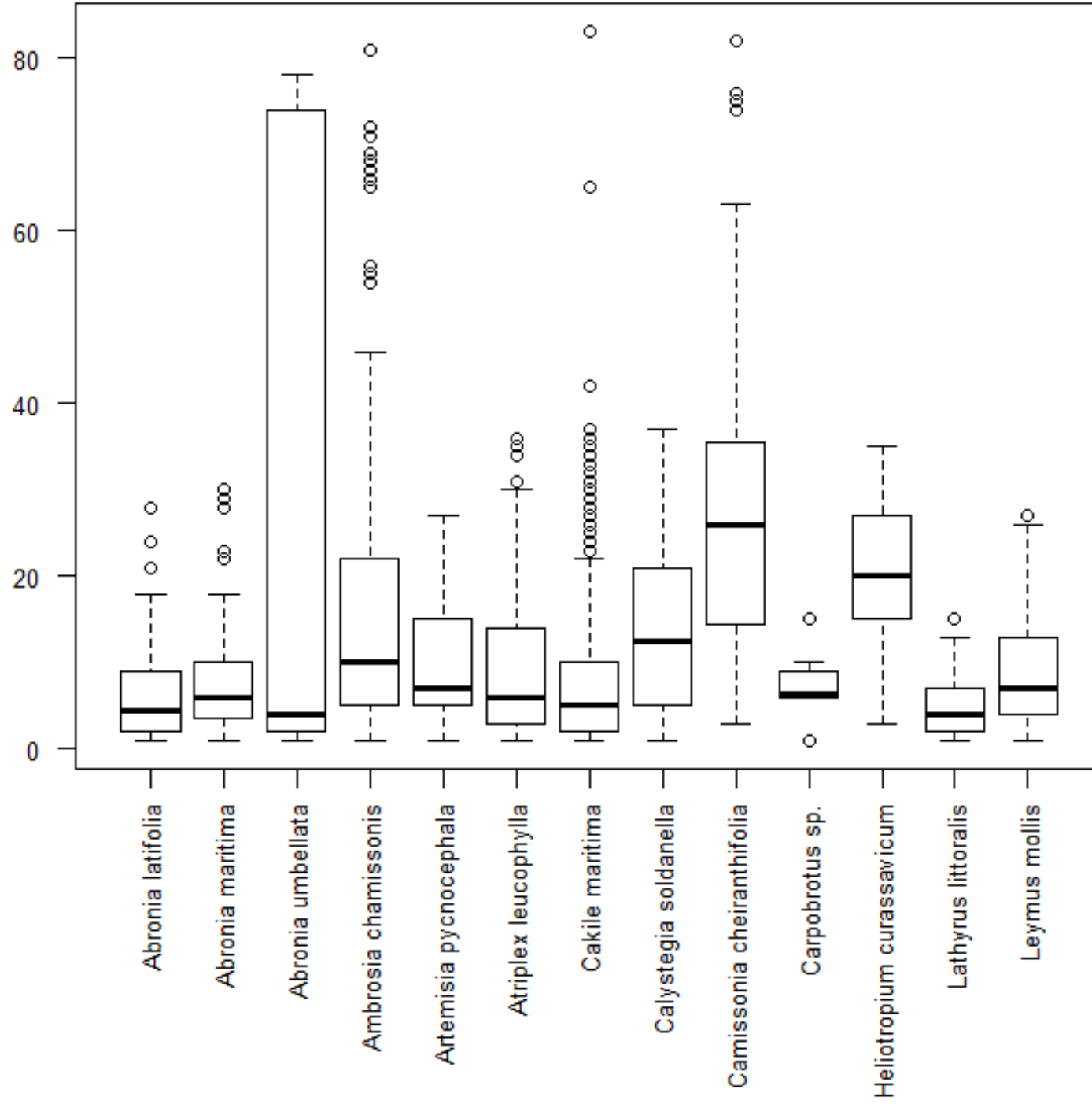
Adrian Ye, Jamie Fussel,
Young Ha Suh



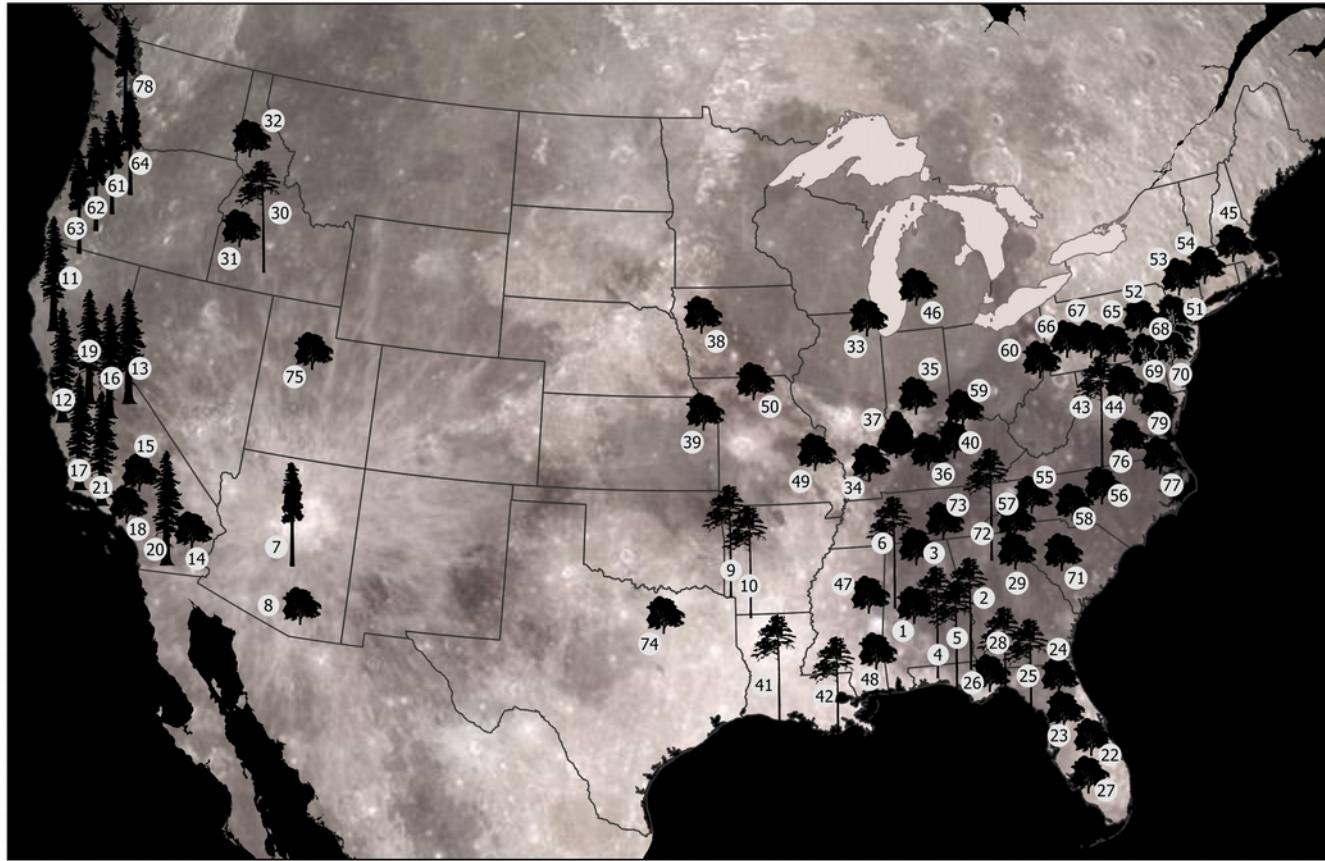




Distance from First Vegetation



NASA MOON TREES

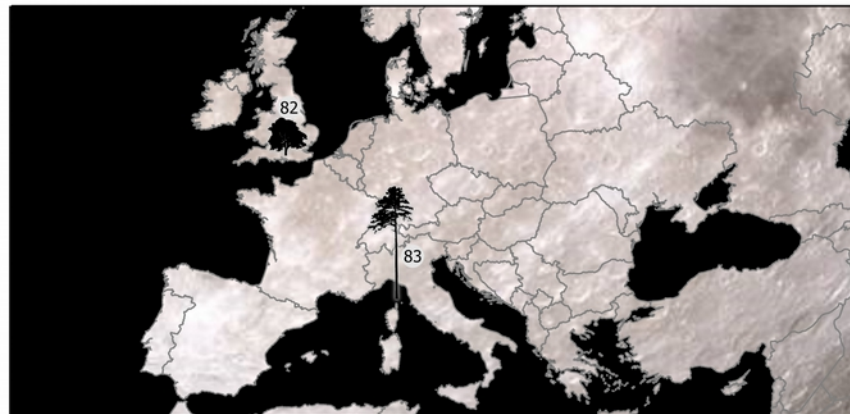
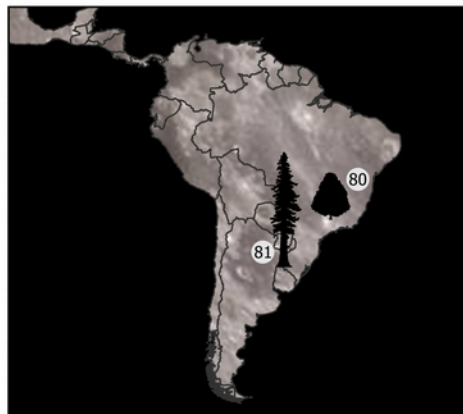


In 1971, 400-500 seeds of 5 tree species orbited the moon 34 times with Stuart Roosa on the Apollo 14 mission to highlight the U.S. Forest Service. Upon their return, the seeds were grown and distributed around the country and to some international cities, but the locations of the vast majority of the trees is unknown. This map shows only trees on public property.



Redwood	Douglas Fir	Sycamore	Sweetgum	Loblolly Pine
<i>Sequoia sempervirens</i>	<i>Pseudotsuga menziesii</i>	<i>Platanus occidentalis</i>	<i>Liquidambar styraciflua</i>	<i>Pinus taeda</i>

- | | |
|--|-----------------------------------|
| 1 Birmingham Botanical Gardens Moon Tree | 41 Elmer Moon Tree |
| 2 Auburn University Moon Tree | 42 New Orleans Moon Tree |
| 3 NASA Marshall Moon Tree * | 43 Bethesda Moon Tree |
| 4 State Capitol Moon Tree | 44 NASA Goddard Moon Tree |
| 5 Pioneer Museum Moon Tree | 45 Holliston Moon Tree |
| 6 Ivy Green Moon Tree | 46 Wyoming Moon Tree * |
| 7 Flagstaff Moon Tree | 47 State University Moon Tree |
| 8 Tucson Moon Tree | 48 Waynesboro Moon Tree |
| 9 Sebastian County Courthouse Moon Tree | 49 De Soto Moon Tree |
| 10 Washington State Park Moon Tree | 50 Putman County Moon Tree * |
| 11 Humboldt Moon Trees | 51 Monmouth Moon Tree |
| 12 Tilden Park Moon Tree | 52 South Brunswick Moon Tree |
| 13 El Dorado Hills Moon Tree | 53 Wayne Moon Tree * |
| 14 Lake Arrowhead Moon Tree * | 54 Lasdon Moon Tree * |
| 15 Lancaster Moon Tree * | 55 Asheville Moon Tree |
| 16 Lockeford Moon Tree | 56 Greensboro Moon Tree * |
| 17 Monterey Moon Tree | 57 Pisgah Moon Tree |
| 18 Palmdale Moon Tree * | 58 Sloan Park Moon Tree * |
| 19 Sacramento Capitol Moon Tree | 59 Cincinnati Moon Tree * |
| 20 San Dimas Moon Tree | 60 Friendship Park Moon Tree |
| 21 Mission Plaza Moon Tree | 61 Corvallis Moon Tree |
| 22 Kennedy Center Moon Tree | 62 University at Eugene Moon Tree |
| 23 University of Florida Moon Tree | 63 Roseburg Moon Tree |
| 24 Keystone Heights Moon Tree | 64 Capitol Moon Tree |
| 25 Perry Moon Tree | 65 Dillsburg Moon Tree |
| 26 Cascades Park Moon Tree | 66 Ebensburg Moon Tree |
| 27 MOSI Moon Tree * | 67 Highland Hall Moon Tree |
| 28 Doyle Connor Moon Tree | 68 Langhorne Moon Tree |
| 29 Madora Moon Tree * | 69 Lockheed Moon Tree |
| 30 Boise Moon Tree | 70 Philadelphia Moon Tree |
| 31 NIFC Moon Tree * | 71 Harbison Moon Tree |
| 32 Moscow Moon Tree | 72 Knoxville Moon Tree |
| 33 Libertyville Moon Tree * | 73 Sewanee Moon Tree |
| 34 Lincoln State Park Moon Tree | 74 Plano Moon Tree |
| 35 Indianapolis State House Moon Tree | 75 Draper Moon Tree |
| 36 Tell City Moon Tree | 76 Arlington Cemetery Moon Tree * |
| 37 Camp Koch Moon Tree | 77 Hampton Moon Tree |
| 38 Storm Lake Moon Tree | 78 Capitol Moon Tree |
| 39 Warnock Lake Moon Tree | 79 Moon Tree * |
| 40 Louisville Moon Tree * | 80 Brasilia Moon Tree |
| | 81 Rio Grande do Sul Moon Tree |
| | 82 Flamstead Moon Tree * |
| | 83 Tradate Moon Tree * |



<https://www.youtube.com/watch?v=23d8wYRf1pE>

Interface Tour

Examples

Resources

<https://inkscape.org/>

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