

**Glasgow
Seed
Library**





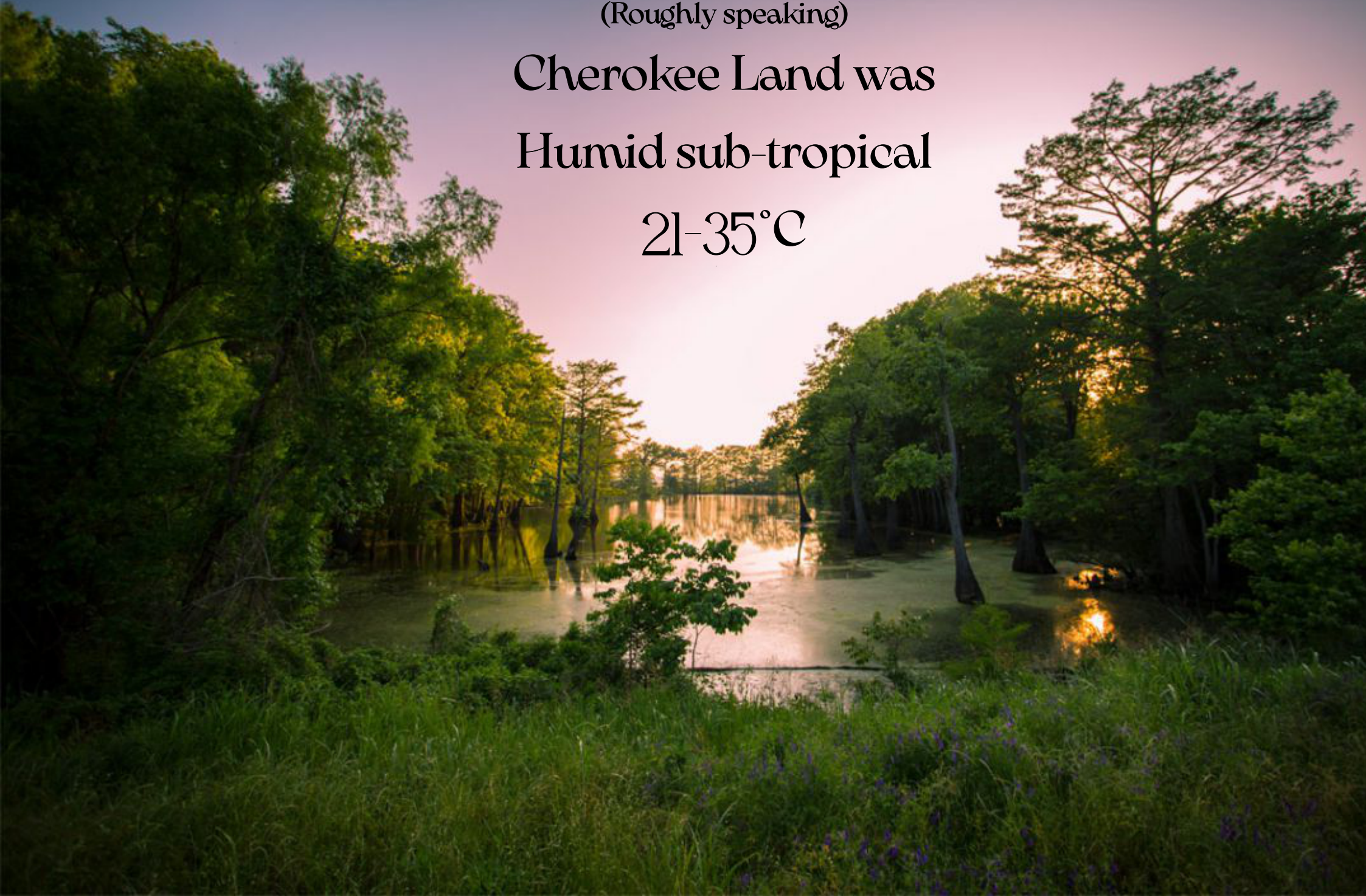
Cherokee Trail of Tears



(Roughly speaking)

Cherokee Land was
Humid sub-tropical

21-35°C

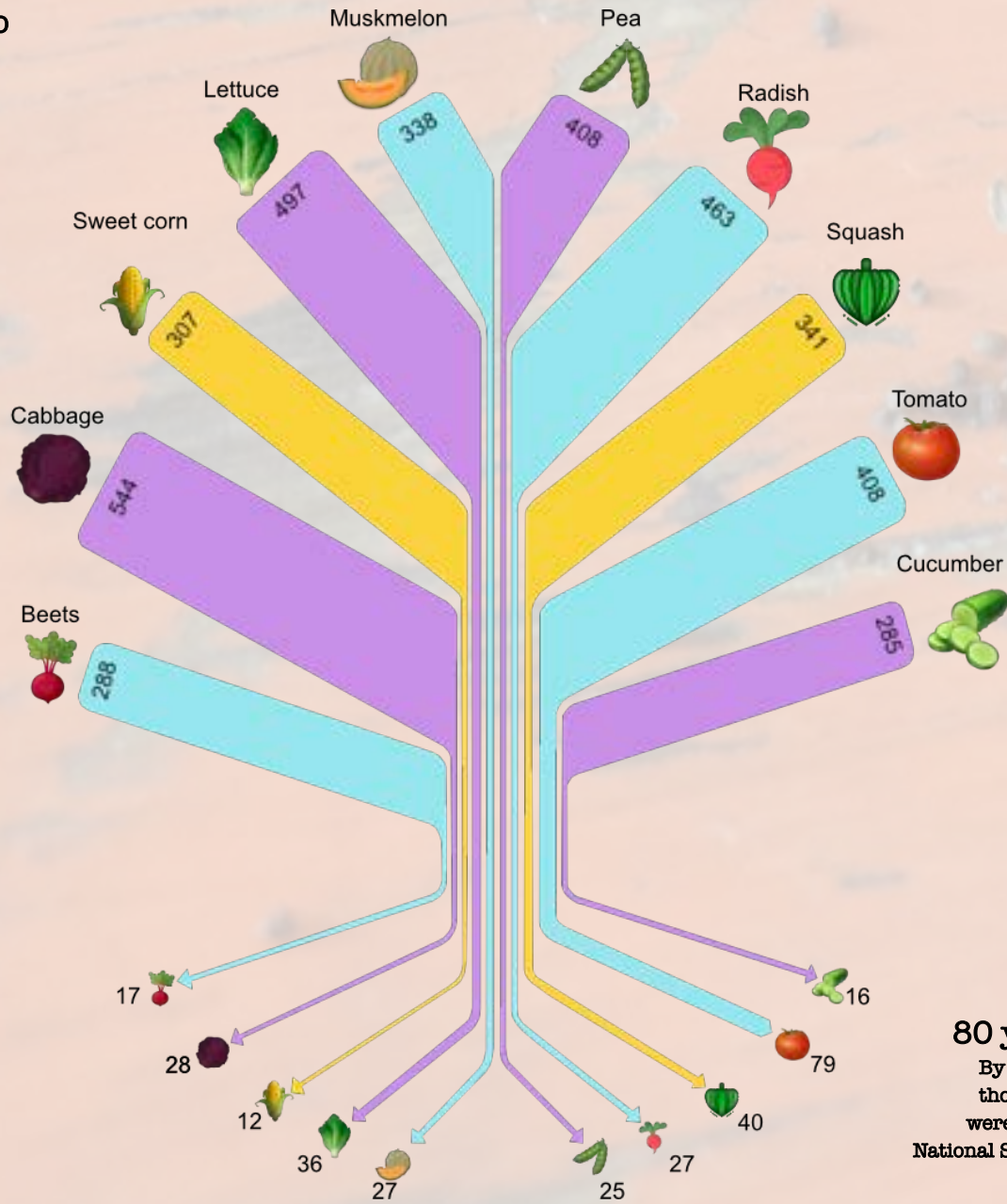


**On Isle of Arran,
at farm that faces the sea,
Cherokee Trail of Tears Bean plants
were fed seaweed**



A Century ago

In 1903 commercial seed houses offered hundreds of varieties as shown in this sampling of ten crops



80 years ago

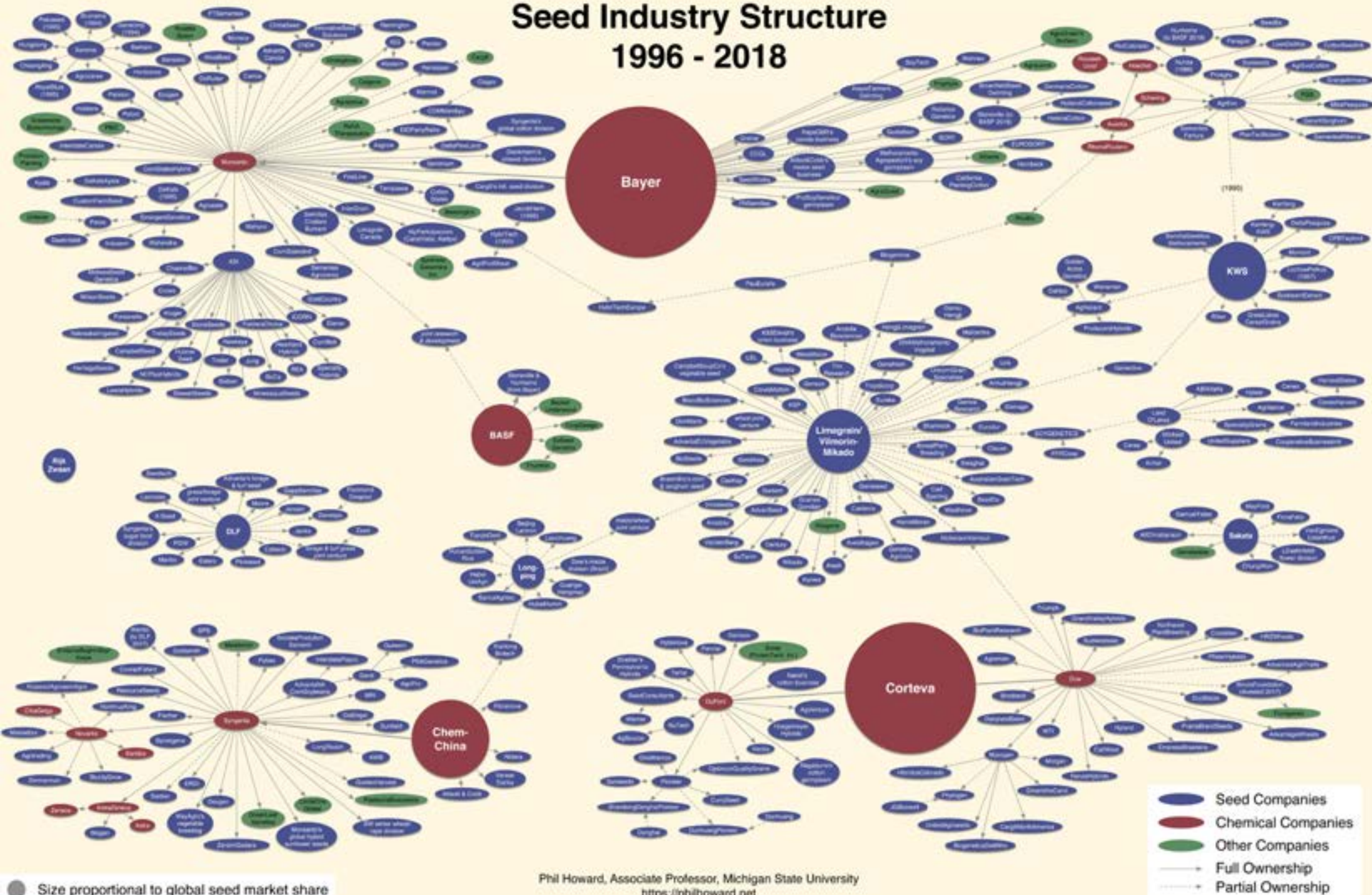
By 1983 few of those varieties were found in the National Storage Laboratory



@scotseedgov
@thegaiafoundation

Image from Gaia Foundation

Seed Industry Structure 1996 - 2018



1500s Spanish Colonisation of Americas



These crops were domesticated and developed over thousands of years by indigenous civilizations such as the Inca, Moche, and Nazca in the Andes mountains.



Bean's wild ancestor

Typical climbing wild bean plant

(Phaseolus vulgaris var. aborigineus)

growing at the side of the road (arrow)

in the Escoipe gorge in the

province of Salta, Argentina.



*What's the difference?
Seed crop VS food crop*



POPULATION





***Save French Beans from 5 - 10 plants
For a genetical diversity & stability***

Save, Store, Share, Sow seed



TOO EASY



However



There is a big but



French Beans

Phaseolus vulgaris

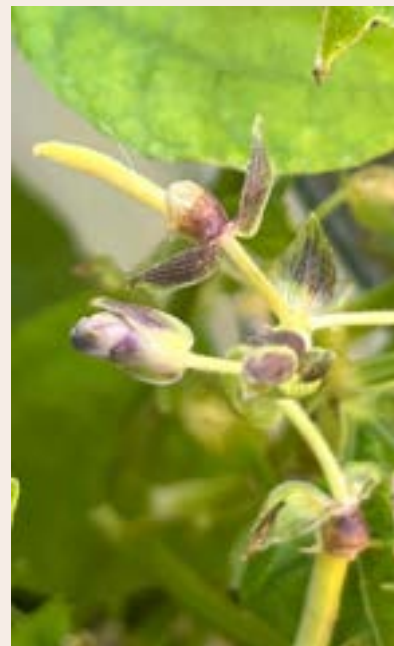


Primarily **self-pollinating** (before the flower opens)

Occasionally **cross-pollinated** by insects.

Isolation distance: 3-5 meters

Population size: 5-10 beans



Marvel of the Piemonte

Runner Beans

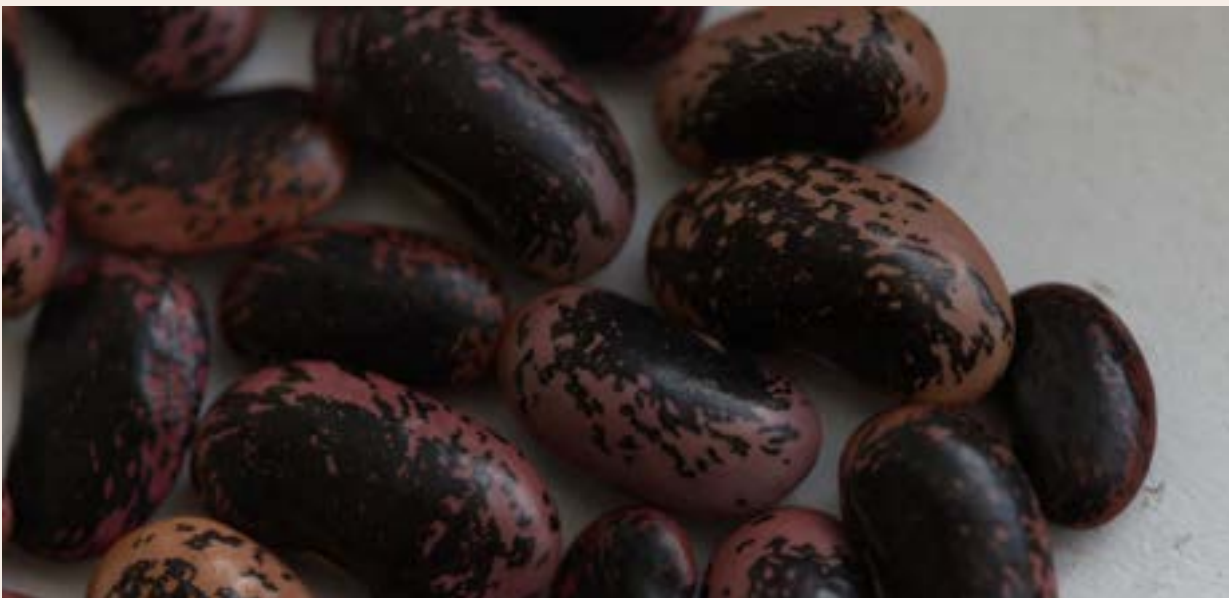
Phaseolus coccineus

Mostly **cross-pollinated** by insects.

Self-pollinating can occur

Isolation distance: 800 meters or physical barriers (eg netting) are needed.

Population size: 10-25 beans



Scarlett Emperor

Broad Beans

Vicia faba

Self-pollinating can occur

Mostly **cross-pollinated** by insects

Isolation distance: 50 meters (to prevent cross-pollination by insects).

Population size: 10-25 beans





But embrace the Butt

"The Transition Black Isle community
have been growing a
'Charcoal Flowered' broad bean
since 2012.

Crowers on the Black Isle found a chance seedling which
probably came from an unintended cross between

'Witkiem Manita'

and

a crimson flowered cultivar.

The stunning black Flowers

are followed by pods

which turn a

glorious chocolate brown when ripe"



NETTING

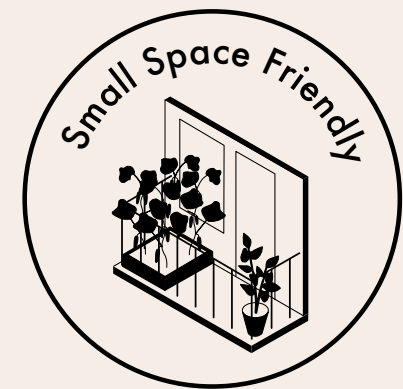
Staying True to Type

Beans have the ability
for self pollINATION as well

You can net them!



DWARF Bush



CHANGING THE HOUSE PLANT GAME



Can a bean plant
Be the new cheese plant?



Ideally - Dry on plant

When pods are crispy and rattle when shaken, they are ready to be harvested!!!!!!!.



Indoor Drying:

If the pods aren't fully dry, hang the entire plant upside down in a well-ventilated, dry area (like a shed, barn, or garage) to allow them to finish drying.

You can also spread the pods out in a single layer on a screen or tray.

Air Drying:

Spread the shelled beans on a screen, mesh tray, or clean, dry surface in a single layer.

Place them in a warm, dry, and well-ventilated location for an additional 1-2 weeks to ensure they are fully dried.

Cool, Dark, Dry Storage:

Store the completely dried beans in airtight containers

(glass jars, paper envelopes, or plastic containers) in a cool, dark, and dry place.

**Glasgow
Seed
Library**



Glasgow Seed Library - Seed crop

Lambhill Stables

Climbing French Bean - Neckar gold



Vanadalism: multi species





Mor Kristin på sin 94-årsdag. Foto: Privat



French Bean: Mor Kristin



Saved from
5 plants





French Bean:
King of the Early
Saved from
2 plants



BUT! Maybe I can contribute to a bean plant?



Seed Library

V S

Seed Bank

Community-based initiative

Facility / Organisation

individuals can
borrow, grow, and return seeds

Stores seeds
to preserve genetic diversity

Encourages local seed saving & sharing

Reserves plant genetic resources
for future generations

Houses locally adapted varieties
and community involvement in
preserving and sharing seeds.

Collecting and preserving
inc endangered or rare plant species

Recognises relationships/stories between
people and plants

Stores seeds in controlled environments

Back-up for major diasters (natural & man-made)

**These definitions aren't strict! In some cultures a "seed bank" might operate more like a "seed library"*



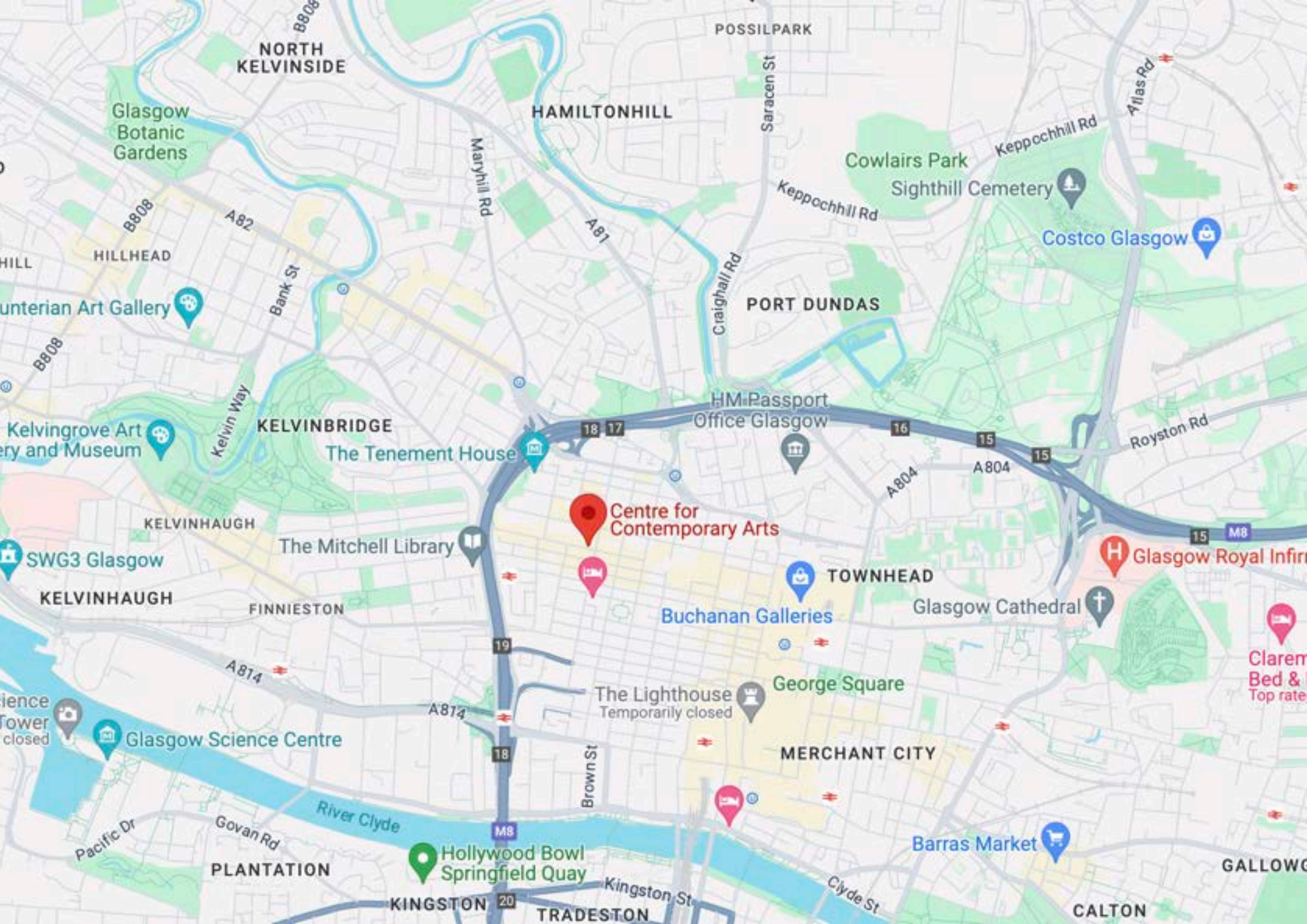
GERM TESTING
10 SEEDS = 100%





Where is
**Glasgow
Seed
Library**

?



NORTH KELVINSIDE

HAMILTONHILL

POSSILPARK

Glasgow Botanic Gardens

Cowlairs Park

Sighthill Cemetery

Costco Glasgow

HILLHEAD

PORT DUNDAS

KELVINBRIDGE

HM Passport Office Glasgow

The Tenement House

Centre for Contemporary Arts

Glasgow Royal Infirmary

KELVINHAUGH

The Mitchell Library

TOWNHEAD

Glasgow Cathedral

KELVINHAUGH

FINNIESTON

Buchanan Galleries

George Square

Claremont Bed & Breakfast

Science Centre temporarily closed

Glasgow Science Centre

The Lighthouse Temporarily closed

MERCHANT CITY

Barras Market

GALLOWAY

Pacific Dr
Govan Rd

River Clyde

Hollywood Bowl
Springfield Quay

PLANTATION

KINGSTON

TRADESTON

Kingston St

Clyde St

CALTON

A82

A81

Keppochhill Rd

Atlas Rd

Bank St

Maryhill Rd

Saracen St

Craighall Rd

Royston Rd

A804

A804

M8

A814

A814

19

18

M8

20

18

17

16

15

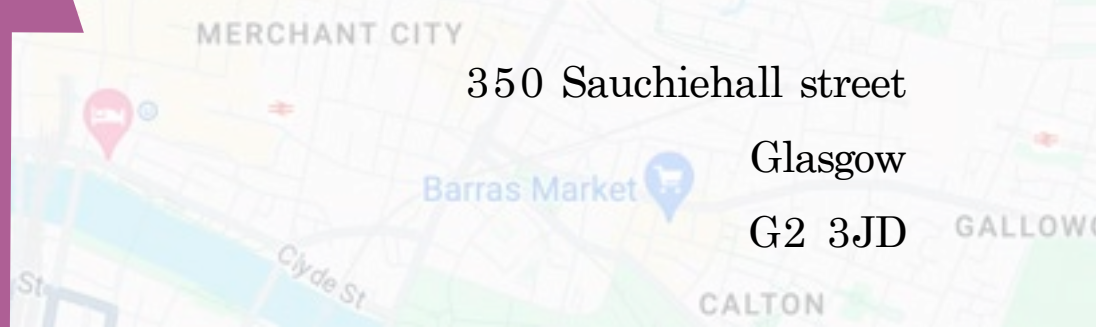
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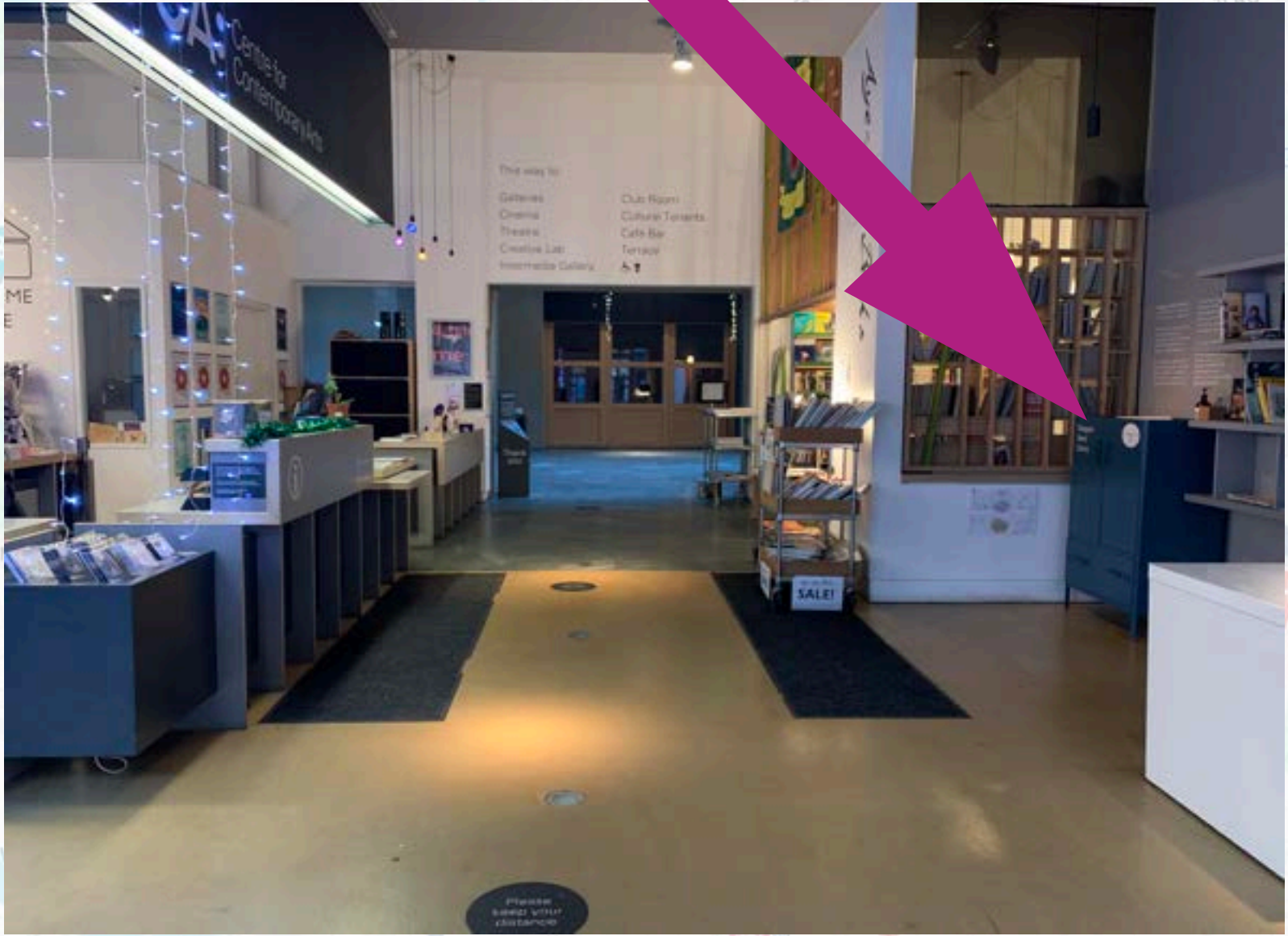
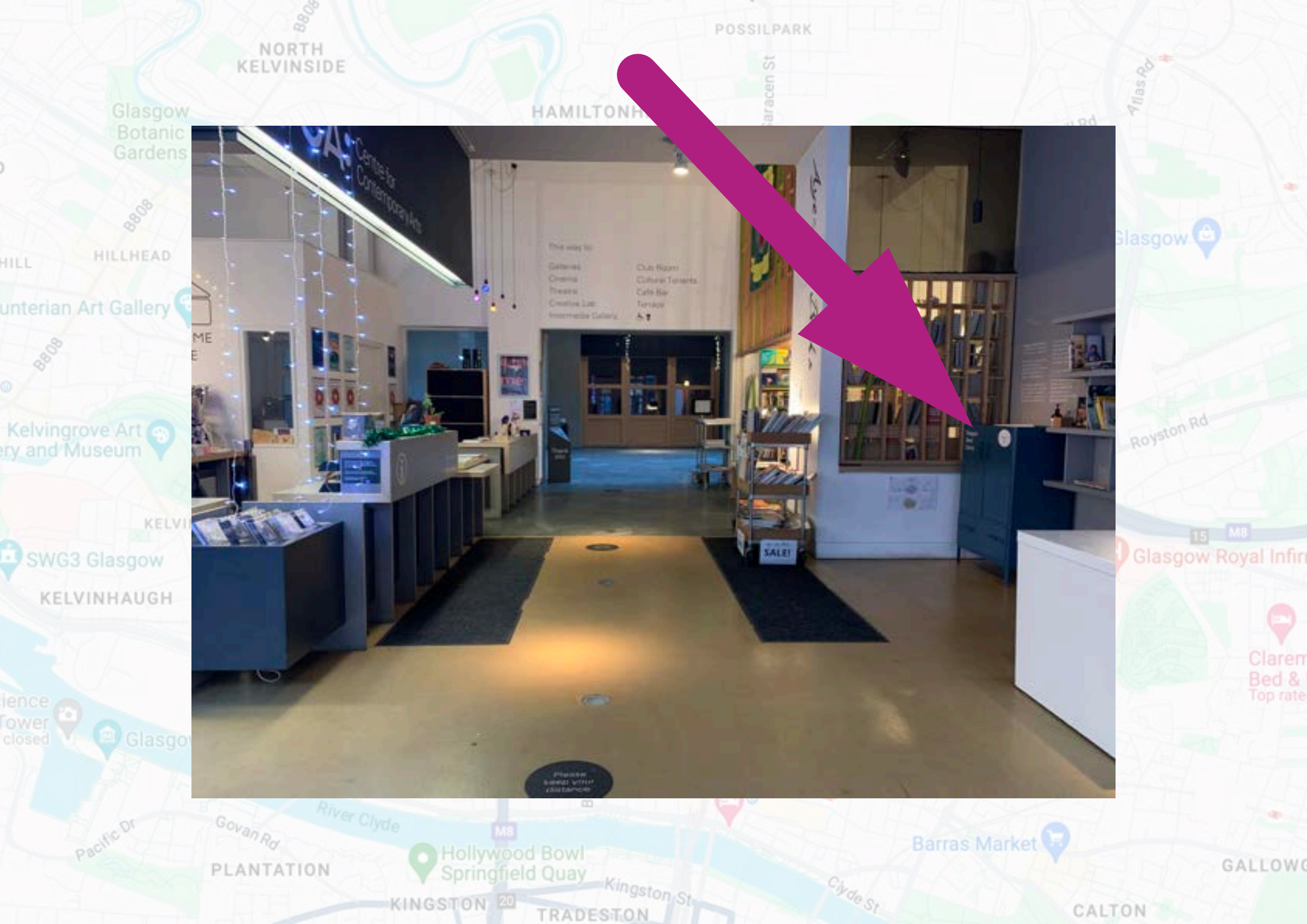
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M8



350 Sauchiehall street
Glasgow
G2 3JD

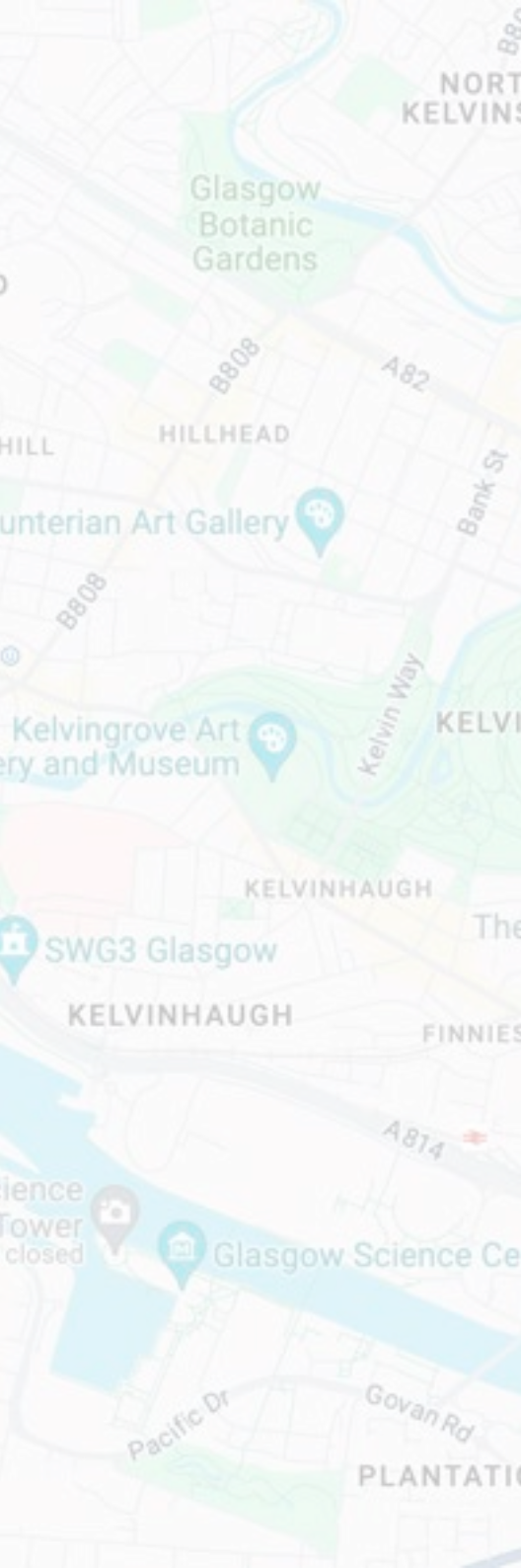




Please keep your distance

This way to:
Galleries
Cinema
Theatre
Creative Lab
Intermediate Gallery
Club Room
Cultural Terrace
Cafe-Bar
Terrace

SALE!



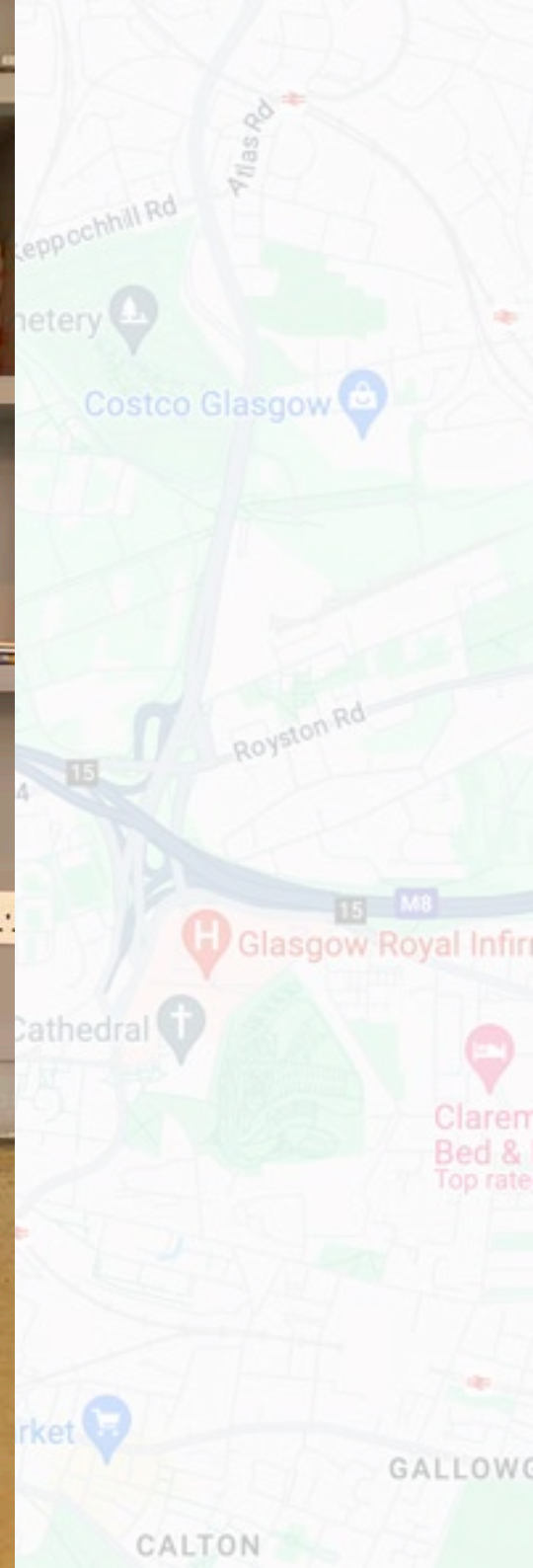
a collection of seeds and a community of growers.

The library stocks organic and open-pollinated vegetable, herb and flower seeds for everyone to borrow, grow and save.

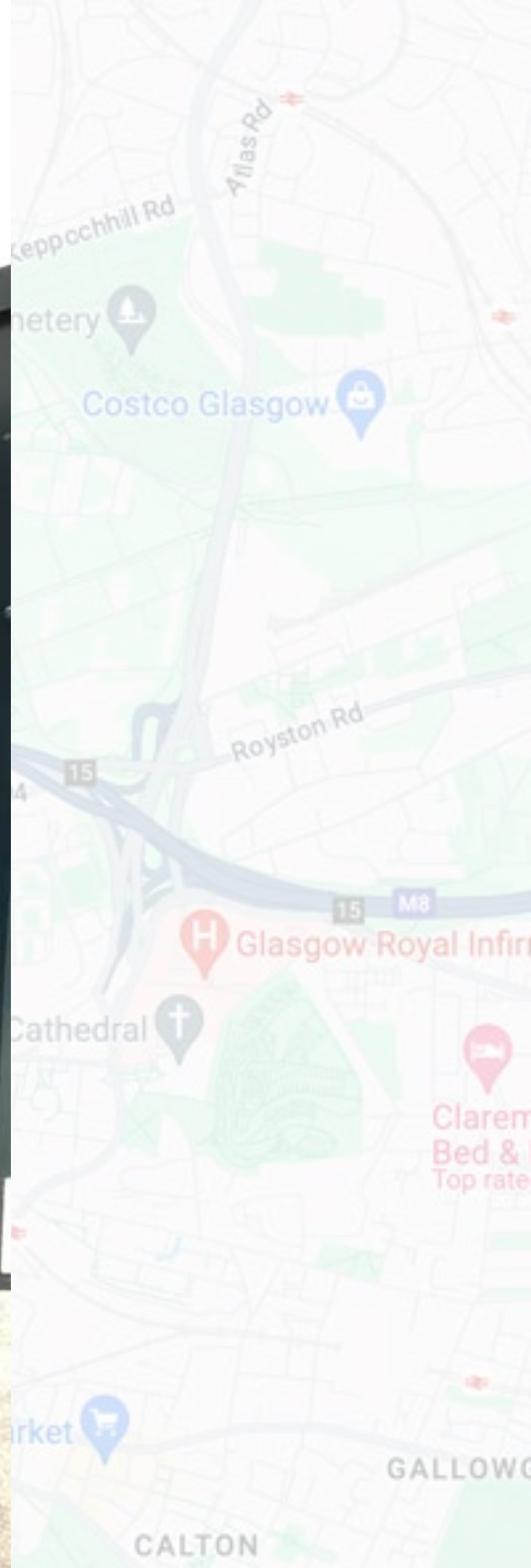
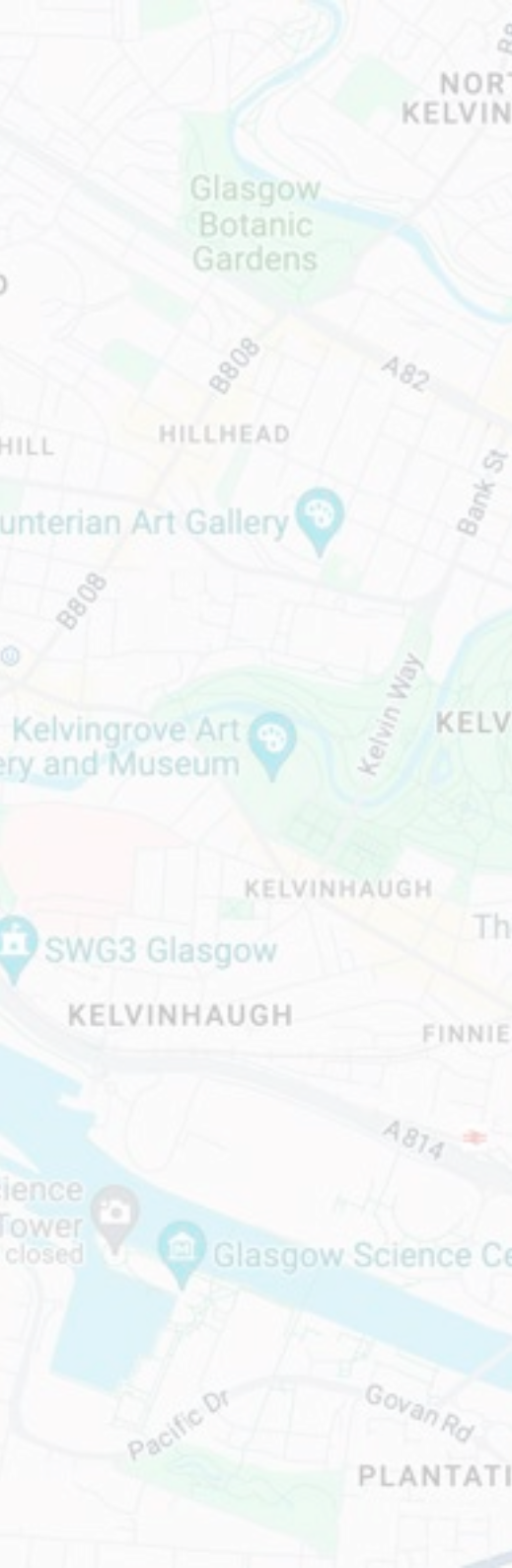
By learning to save and share seed locally, we can nurture unique varieties and adapt our plants to a changing Scottish climate.

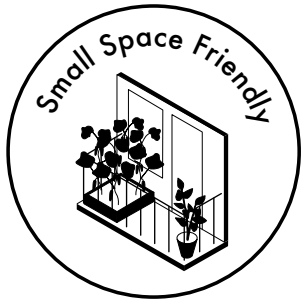
Glasgow Seed Library runs free workshops, talks and events around seed saving, community growing, food sovereignty and earth care.

For more information, visit cca-glasgow.com/projects/glasgow-seed-library, email us at glasgowseedlibrary@cca-glasgow.com or follow us on social media @glasgowseedlib.



“Offer people in Glasgow free access to organic, open-pollinated seeds”





cca-glasgow.com or
follow us on social media

SEED DEPOSIT FORM

If you are depositing seeds, please complete this form with as much detail as possible. This will help us to learn, prepare and share your seeds with others :)

Plant name (species & variety, eg. Tomato 'Ailsa Craig')

Any other names? Common names in Scots or other languages?

Where and when were the seeds grown? Please add the postcode, year and months of growing. What was the soil like? What weather conditions did they experience?

Any observations about the plants? Were they happy? Any pests?

How many plants are the seeds saved from?

Did you do anything special to avoid cross-pollination? Eg. isolate the plants when flowering, hand pollination, grow only one variety of this plant?

What do you want to tell other people about this plant? Have you grown this variety for a while? Do you use them for anything (cooking, medicine, wildlife)?

If you're happy for us to get in touch, please leave your name and email address or phone number:

GSL Seed Collection

Grown at Lambhill

Foraged around Glasgow

Community deposits

Bought in:

- Seeds of Scotland
- Real Seeds
- Tamar Organics
- Vital Seeds
- Tomato Revolution



Seed Librarian Team



Community Engagement

Hamshya Rajkumar

(She/They)

3 days

hamshya@cca-glasgow.com



Programmer

Rowan Lear

(They/She)

2 days

glasgowseedlibrary@cca-glasgow.com



Grower

Louise King

(She/Her)

2-3 days

louisek@cca-glasgow.com

Join the Whatsapp
Seed-Lings group
For beginner growing & seed saving!
It is a place to ask silly questions!



@glasgowseedlib

@scotseedgov

@thegaiafoundation

hamshya@cca-glasgow.com



Saturday 23th Nov 2024, 11am - 2pm

Woodlands Community Garden

117 W Prince's St, Glasgow G4 9BY