

Northern Two-Lined Salamander
Eurycea bislineata

Carnivore

5



Animalia, Chordata, Amphibia



DaveHuth

8 POINTS

MOVE of 2



Cool Warm

Frog
Rana clamitans

Carnivore

5



Animalia, Chordata, Amphibia



~Shanth

7 POINTS

MOVE of 2



Cool Warm

Turkey Vulture
Cathartes aura

Carnivore

7



Animalia, Chordata, Aves



Oregon Department of Fish & Wildlife

6 POINTS

PLAY: Prey must be at least Scale 5.

FLIGHT of 2.



Cool Warm Hot

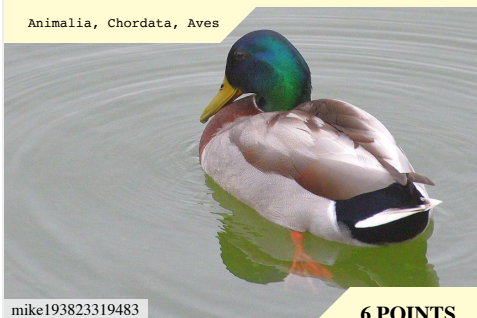
Mallard Duck
Anas platyrhynchos

Omnivore

5



Animalia, Chordata, Aves



mike193823319483

6 POINTS

FLIGHT of 2



Cold Cool Warm

Wild Turkey
Meleagris gallopavo

Herbivore

6



Animalia, Chordata, Aves



danielle.brigida

3 POINTS

MOVE of 2



Cold Cool Warm

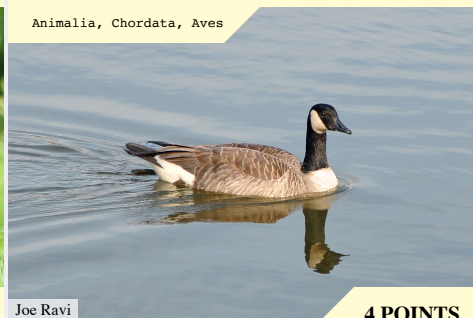
Canadian Goose
Branta canadensis

Omnivore

6



Animalia, Chordata, Aves



Joe Ravi

4 POINTS

FLIGHT of 2



Cool Warm

Downy Woodpecker
Picoides pubescens

Omnivore

5



Animalia, Chordata, Aves



watts_photos

3 POINTS

FLIGHT of 2



Cool Warm

Chicken of the Woods
Laetiporus sp.

Special

5



Fungi, Basidiomycota, Agaricomycetes



Jsadlowe

5 POINTS

PLAY: Can only be played adjacent to Photosynthetic species with a Scale of 8 or 9. When in play, this card is treated as a Photosynthetic species.

Chicken of the woods is found growing on or at the base of dead or dying hardwood trees and is a wild edible fungi.



Cool Warm

Mycorrhizal Fungi
Oidiodendron sp.

Special

3



Fungi, Ascomycota, Leotiomycetes



Ellen Larsson

3 POINTS

PLAY: Can only be played adjacent to Photosynthetic species.

END: +1 Point for each adjacent Photosynthetic species
Oidiodendron forms a mutualistic relationship with the roots of most plant species.



Cool Warm

Brown Marmorated Stink Bug

Halyomorpha halys

Herbivore

4 

Animalia, Anthropoda, Insecta



Mike Lewinski

2 POINTS

MOVE of 1



Cool Warm Hot

Cicada

Neotibicen linnei

Herbivore

4 

Animalia, Anthropoda, Insecta



Mark F. Levisay

3 POINTS

FLIGHT of 1

They prune mature trees, aerate the soil, and once they die, their bodies serve as an important source of nitrogen for growing trees.



Cool Warm

Honey Bee

Apis mellifera

Herbivore

4 

Anamalia, Anthropoda, Insecta



MattX27

3 POINTS

FLIGHT of 2

END: +1 Point for each adjacent Photosynthetic species



Cool Warm

Pea Aphid

Acyrtosiphon pisum

Herbivore

3 

Anamalia, Anthropoda, Insecta



Andy Murray

3 POINTS

MOVE of 2



Cool Warm

American Giant Millipede

Narceus americanus

Herbivore

4 

Animalia, Anthropoda, Diplopoda



DC Chadwick

4 POINTS

MOVE of 2



Cool Warm

Whirlygig Beetle

Dineutus emarginatus

Herbivore

4 

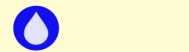
Animalia, Anthropoda, Insecta



wildreturn

4 POINTS

MOVE of 2



Cool Warm Hot

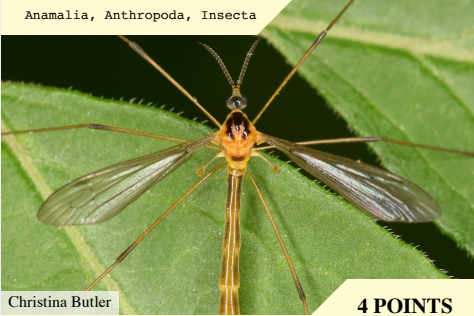
Crane Fly

Liogma nodicornis

Herbivore

4 

Anamalia, Anthropoda, Insecta



Christina Butler

4 POINTS

FLIGHT of 1



Cool Warm

Deer Tick

Ixodes scapularis

Special

4 

Animalia, Anthropoda, Insecta



nusstography

4 POINTS

PLAY: Can only be played adjacent to mammals, birds, reptiles and amphibians of scale 5 or greater. When in play, this card is treated as a Carnivore species. MOVE of 2

END: +2 Points if Deer Tick is adjacent to any Deer.



Cool Warm Hot

Asian Ladybug

Harmonia axyridis

Omnivore

4 

Animalia, Anthropoda, Insecta



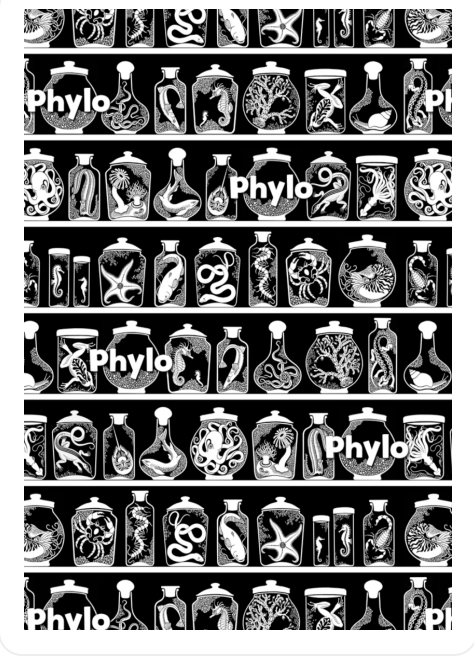
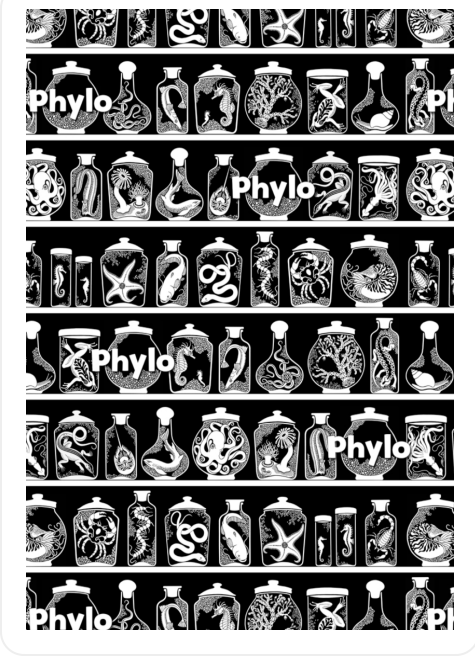
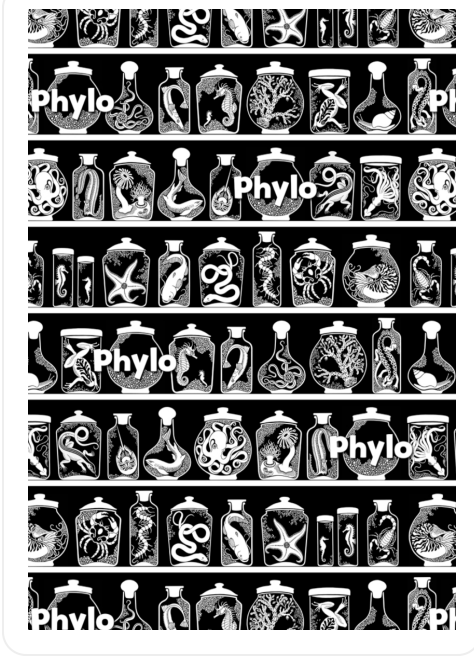
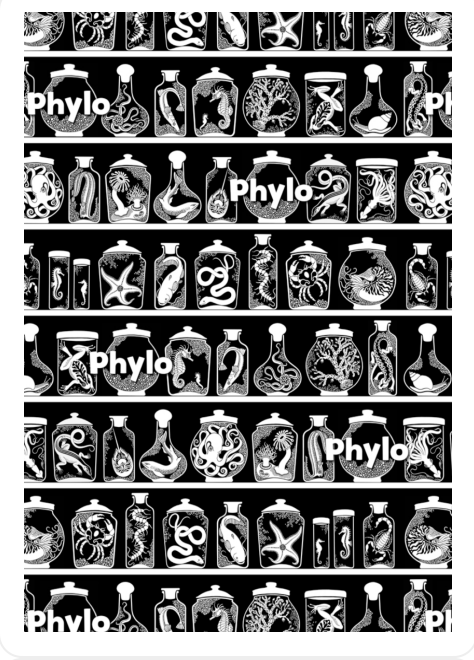
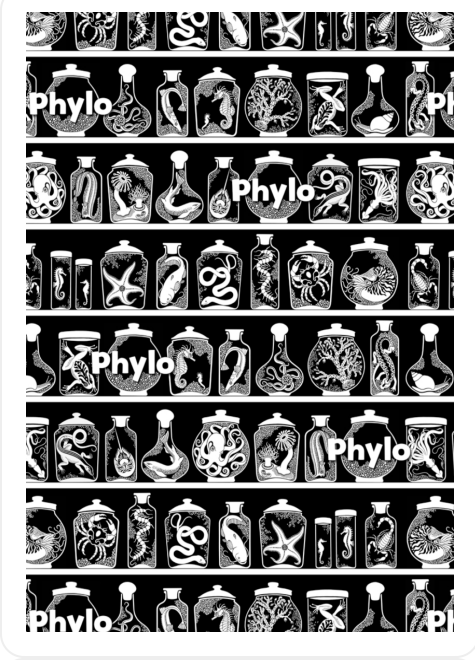
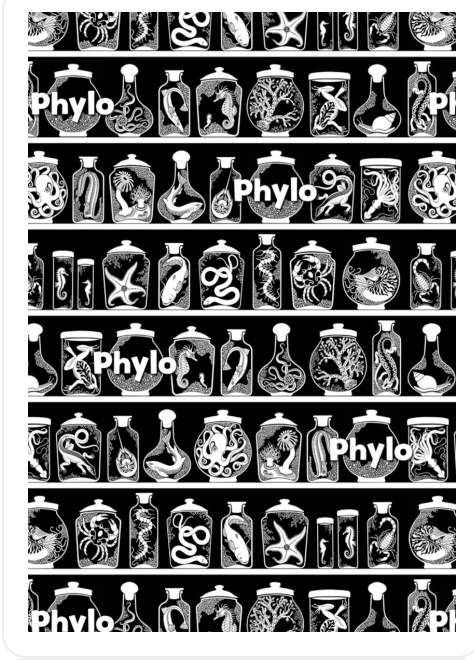
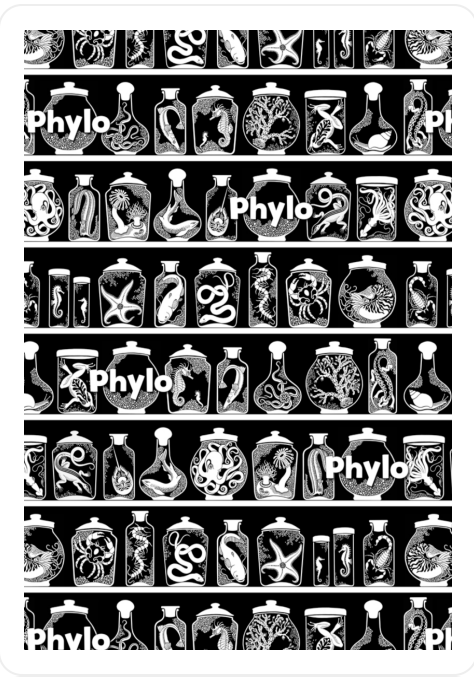
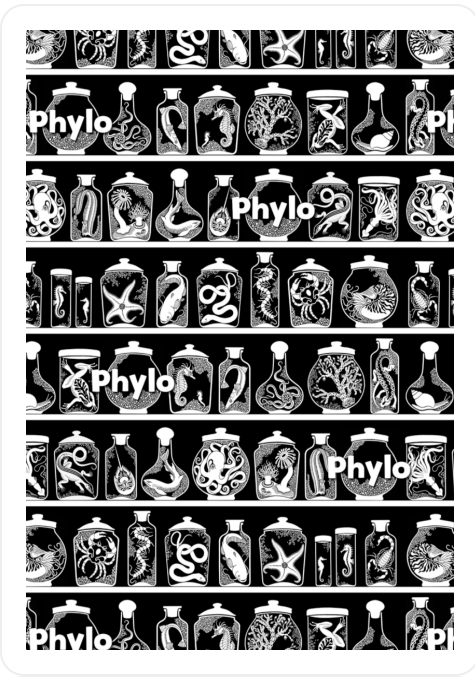
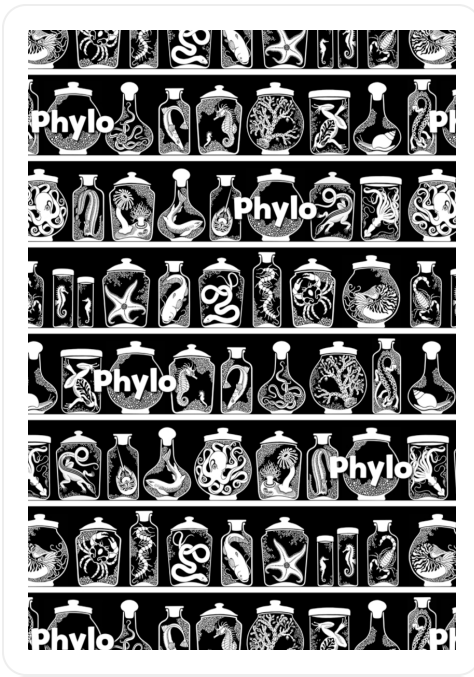
Giles San Martin

2 POINTS

FIGHT of 1. END: +2 Points if Asian Ladybug is adjacent to any Aphid



Cool Warm Hot



Big Brown Bat
Eptesicus fuscus

Carnivore

5



Animalia, Chordata, Mammalia



David A. Riggs

7 POINTS

FLIGHT of 2



Cool Warm

White-Tailed Deer
Odocoileus virginianus

Herbivore

7



Animalia, Chordata, Mammalia



Scott Bauer

3 POINTS

MOVE of 3



Cold Cool Warm

Beaver

Herbivore

6



Castor canadensis

Animalia, Chordata, Mammalia



Daderot

5 POINTS

MOVE of 2

END: +1 point for each adjacent Species card

The beaver is a well known ecosystem engineer and keystone species.



Cold Cool

Eastern Chipmunk
Tamias striatus

Omnivore

5



Animalia, Chordata, Mammalia



James St. John

2 POINTS

MOVE of 2



Cold Cool Warm

Raccoon
Procyon lotor

Omnivore

6



Animalia, Chordata, Mammalia



mbarrison

1 POINT

MOVE of 2



Cold Cool Warm

Tufted Titmouse
Parus bicolor

Omnivore

5



Animalia, Chordata, Aves



Putnepics

2 POINTS

FLIGHT of 2



Cold Cool Warm

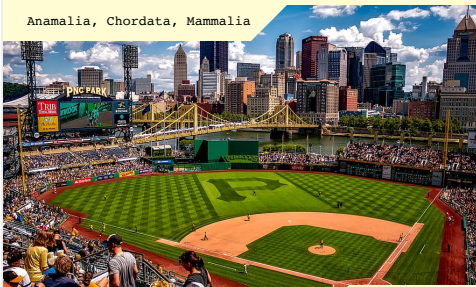
Humans
Homo sapiens

Omnivore

7



Animalia, Chordata, Mammalia



brent lucas

6 POINTS

PLAY: Can eat species of any scale.



Cool Warm

Alpine Strawberry
Fragaria vesca

Photosynthetic

5



Plantae, Angiosperms, Eudicots



Ivar Leidus

2 POINTS

Evidence from archaeological excavations suggests that Fragaria vesca has been consumed by humans since the Stone Age.



Cool Warm

American Elderberry
Sambucus canadensis

Photosynthetic

7



Plantae, Angiosperms, Eudicots



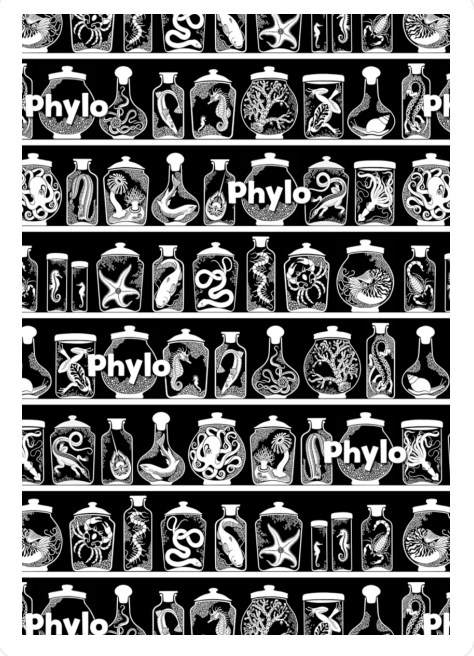
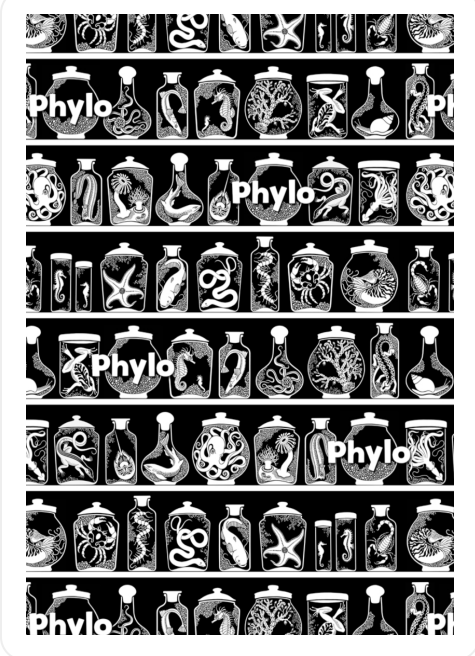
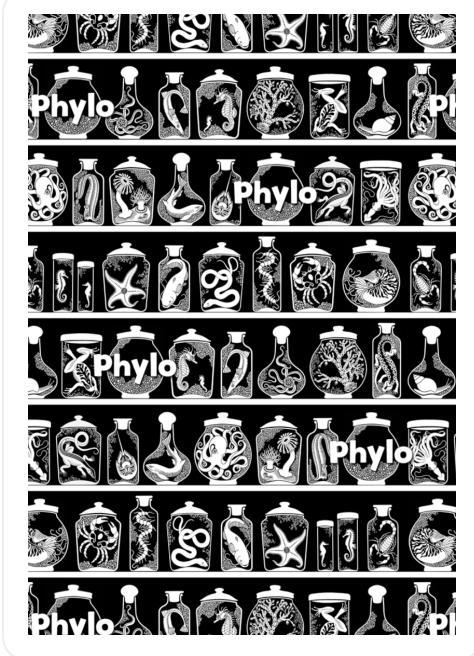
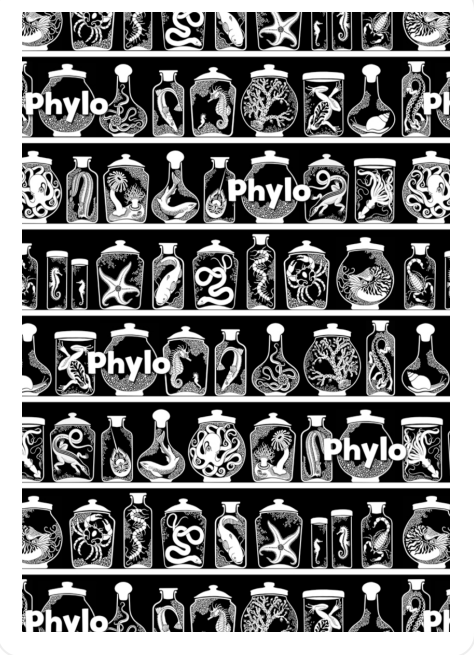
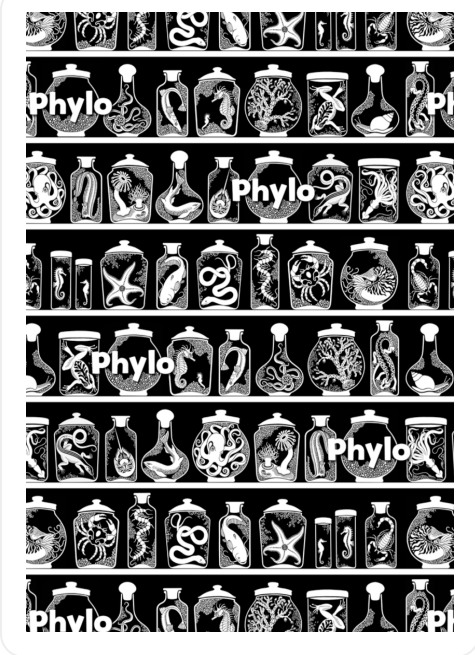
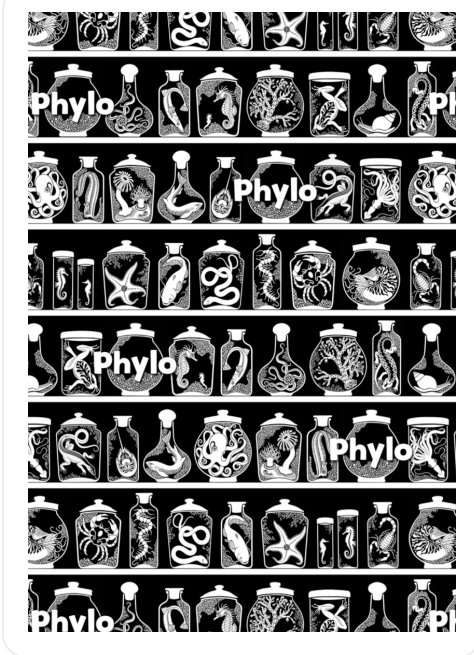
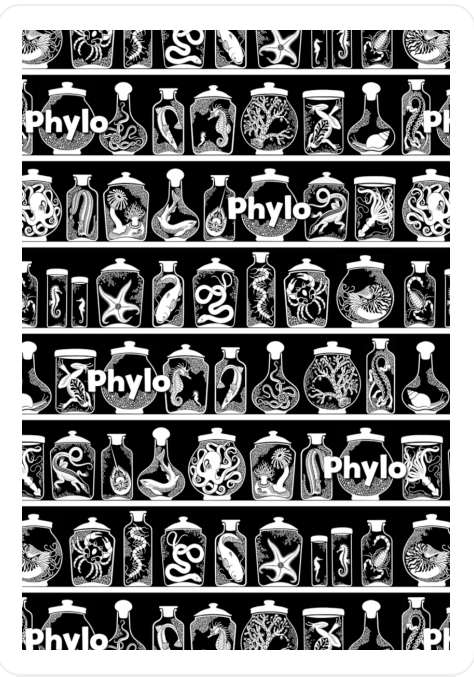
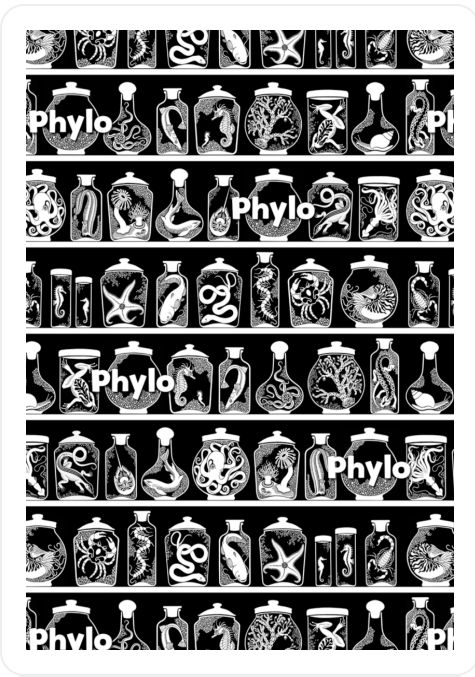
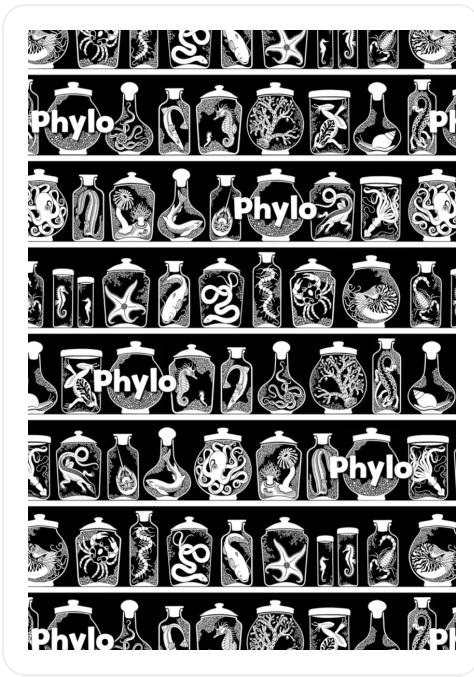
H. Zell

1 POINT

The flower, known as elderflower, is edible, as well as the ripe berries. Uses for the fruit include wine, jelly and dye. Leaves and inner bark can be used as an insecticide and a dye.



Cold Cool Warm



Dandelion
Taraxacum officinale

Photosynthetic
5 

Plantae, Angiosperms, Eudicots



Peter Kudlacz

1 POINT

The entire plant, including the leaves, stems, flowers, and roots, is edible and nutritious. Dandelions are found on 6 continents and have been gathered for food since prehistory, but the varieties commercially cultivated for consumption are mainly native to Eurasia and North America.



Cool Warm

Pawpaw
Asimina triloba

Photosynthetic
9 

Plantae, Angiosperms, Magnoliids



Scott Bauer

1 POINT

Pawpaws have a creamy, custard-like flesh with a complex combination of tropical fruit flavors. It's North America's largest native fruit.



Cold Cool Warm

Persimmon
Diospyros virginiana

Photosynthetic
9 

Plantae, Angiosperms, Eudicots



Pxfuel

1 POINT

The ripe fruit may be eaten raw, cooked or dried. Molasses can be made from the fruit pulp. A tea can be made from the leaves and the roasted seed is used as a coffee substitute.



Cold Cool Warm

Red Mulberry
Morus rubra

Photosynthetic
8 

Plantae, Angiosperms, Eudicots



B.navez

1 POINT

The berries are edible and very sweet. The first English colonists to explore eastern Virginia in 1607 mentioned the abundance of both mulberry trees and their fruit, which was eaten (sometimes boiled) by the native Powhatan tribes.



Cold Cool Warm

Jerusalem Artichoke
Helianthus tuberosus

Photosynthetic
8 

Plantae, Angiosperms, Eudicots



Paul Fenwick

1 POINT

Native Americans cultivated sunchoke as a food source as it is a species of sunflower native to North America. The tubers have a similar consistency to potatoes, and in their raw form have a similar texture, but a sweeter, nuttier flavor.



Cold Cool Warm

Broadleaf Plantain
Plantago major

Photosynthetic
7 

Plantae, Angiosperms, Eudicots



mutolisp

1 POINT

The ability of plantain to survive frequent trampling and colonize compacted soils makes it important for soil rehabilitation. Its roots break up hardpan surfaces, while holding together the soil to prevent erosion. The leaves are edible as a salad green when young and tender.



Cool Warm

Fragrant Water-lily
Nymphaea odorata

Photosynthetic
5 

Plantae, Angiosperms, Nymphaeaceae



Shanno

2 POINTS

Flower buds can be cooked as a vegetable or pickled. Young flowers and the leaves can be consumed raw. Used in soups and stews. Although used as food for centuries, the main use of this plant has been medicinal.



Cool Warm Hot

Sphagnum Moss
Sphagnum spp.

Photosynthetic
5 

Plantae, Angiosperms, Monocots



James K. Lindsey

1 POINT

Decayed, dried sphagnum moss has the name of peat or peat moss. This is used as a soil conditioner which increases the soil's capacity to hold water and nutrients by increasing capillary forces and cation exchange capacity. It's uses that are particularly useful in gardening.



Cold Cool Warm

Water Chestnut
Trapa natans

Photosynthetic
7 

Plantae, Angiosperms, Eudicots



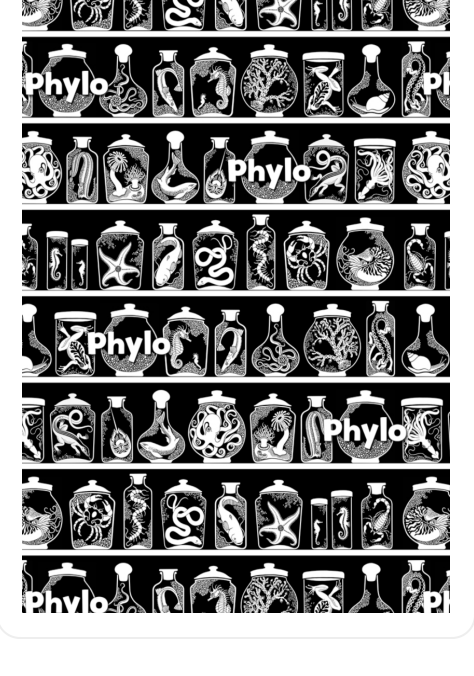
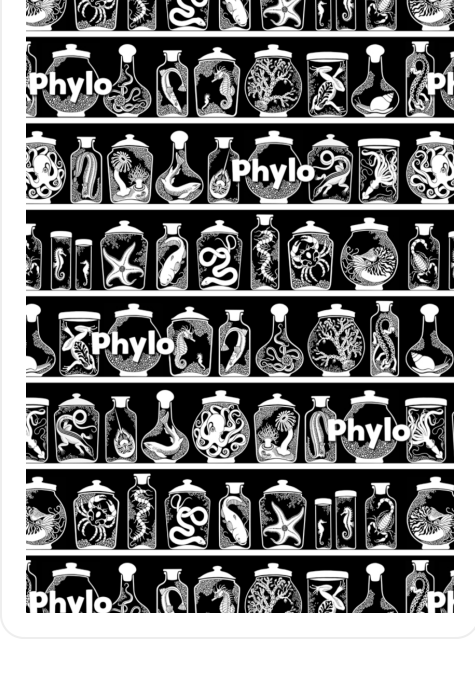
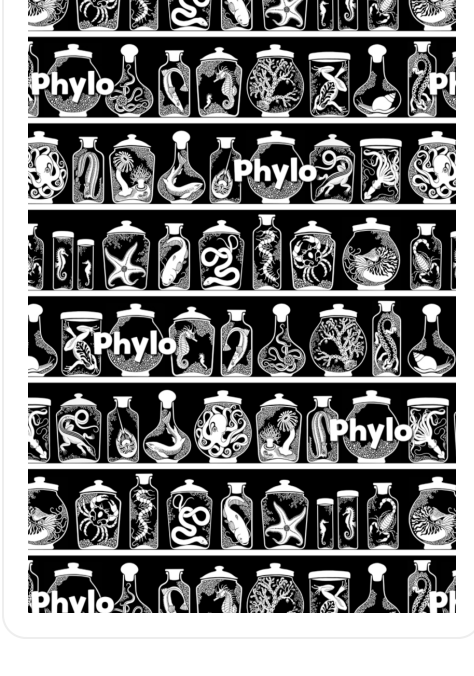
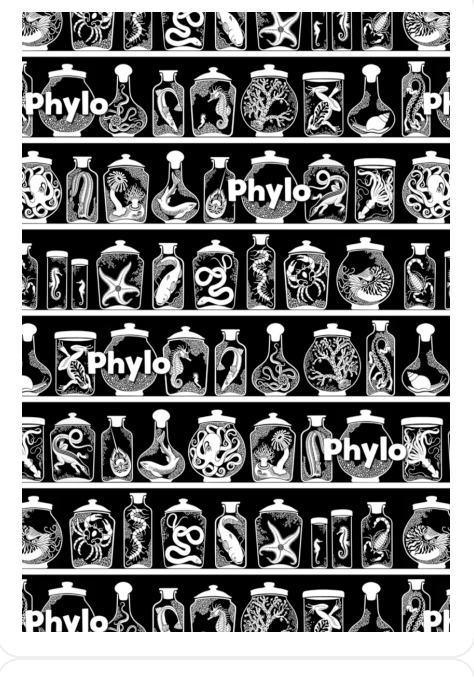
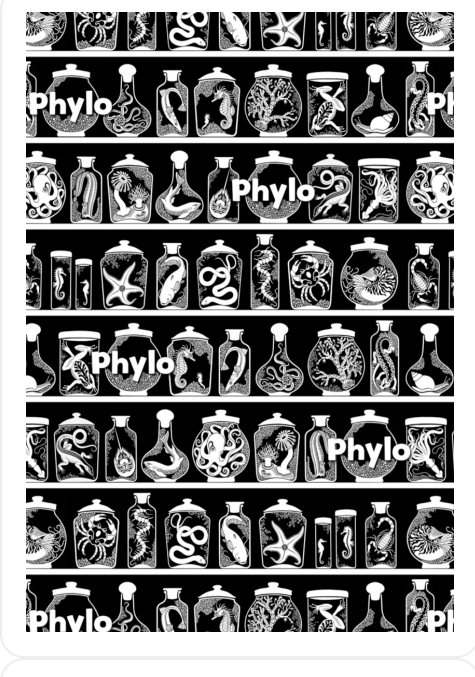
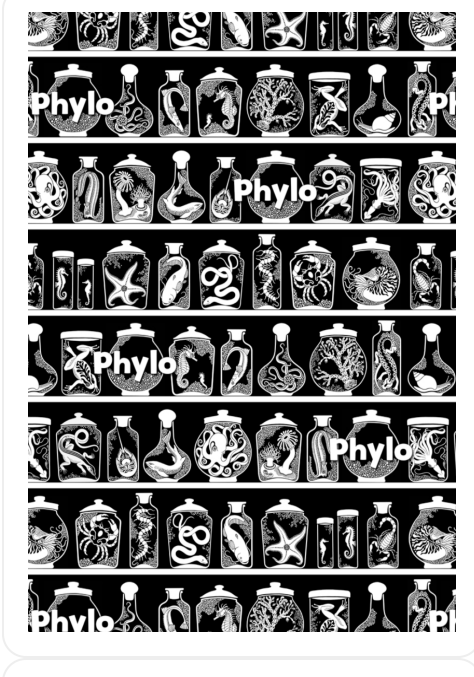
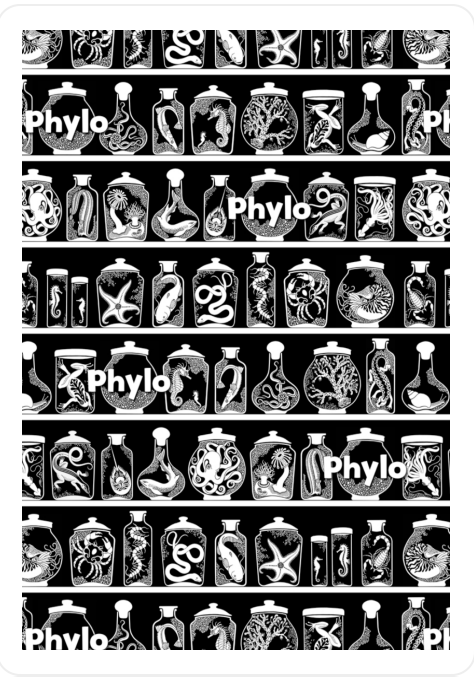
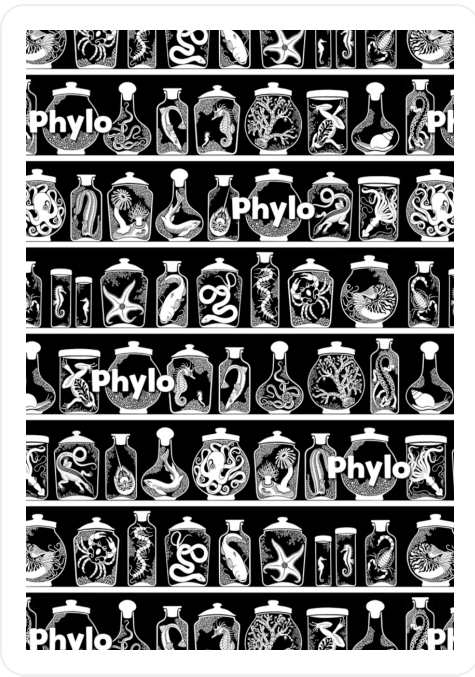
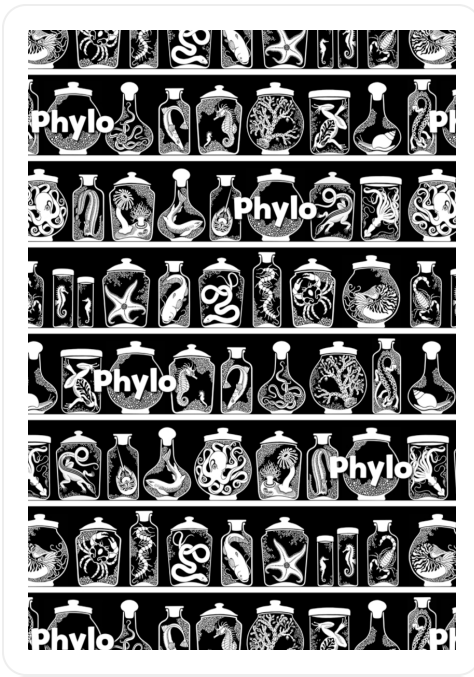
AndreyZharkikh

2 POINTS


The water chestnut is not a nut at all, but an aquatic vegetable that grows in marshes, under water, in the mud. It has stem-like, tubular green leaves that grow to about 1.5 m.




Cool Warm Hot



Coontail
Ceratophyllum demersum

Photosynthetic
5 


Plantae, Angiosperms, Ceratophyllaceae




Christian Fischer

3 POINTS


As it is free floating and therefore does not require a solid substrate, it has been used successfully in the biological life support systems "Aquarack/CEBAS" and "Omegahab" on space flights.

 **Cool Warm**

American Pussy Willow
Salix discolor

Photosynthetic
9 



Plantae, Angiosperms, Eudicots




Avicennasis

1 POINT


Like other willows, it contains salicin, and was used by Native Americans as a painkiller. Salicin is metabolized into salicylic acid in the human body, and is a precursor of aspirin.

  **Cool Warm Hot**

Common Garter Snake
Thamnophis sirtalis

Carnivore
6 

Animalia, Chordata, Reptilia





D. Gordon E. Robertson


7 POINTS

MOVE of 2


Most have longitudinal stripes in many different colors. Common garter snakes come in a wide range of colors, including green, blue, yellow, gold, red, orange, brown, and black.

  **Cool Warm**

Wood Turtle
Clemmys insculpta

Omnivore
5 



Animalia, Chordata, Reptilia




chrisbb@prodigy.net

3 POINTS


MOVE of 1

  **Cool Warm**

American House Spider
Parasteatoda tepidariorum

Carnivore
4 




Anamalia, Anthropoda, Arachnida

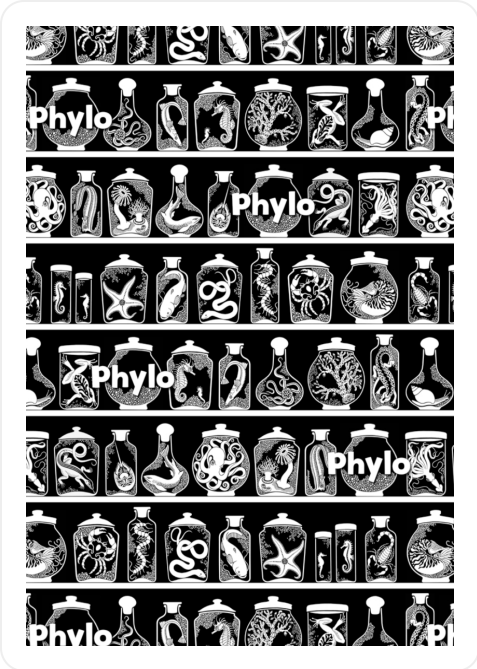
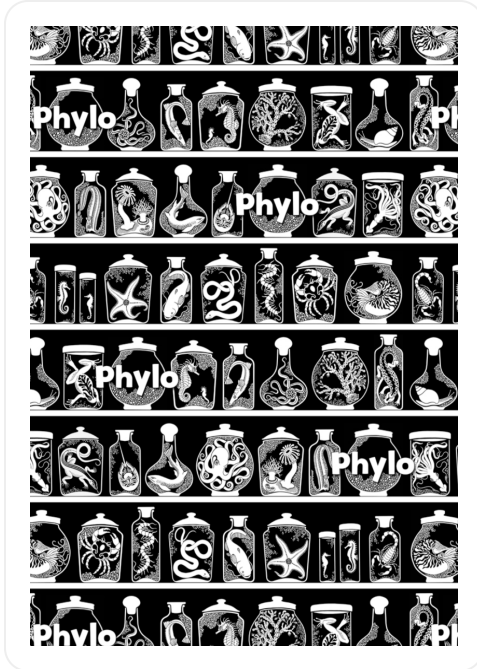
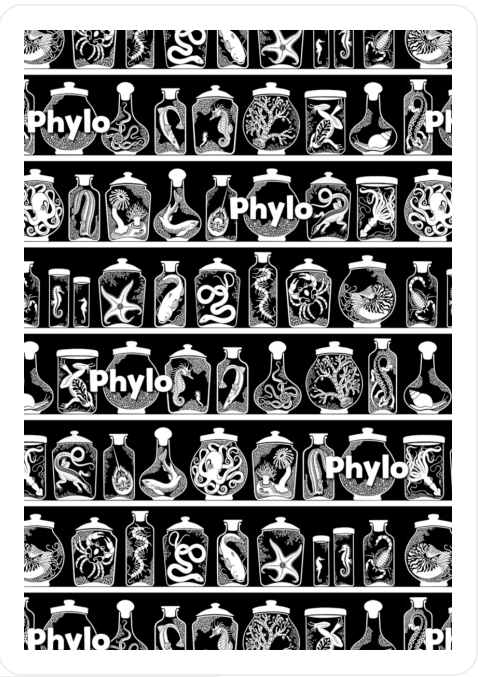
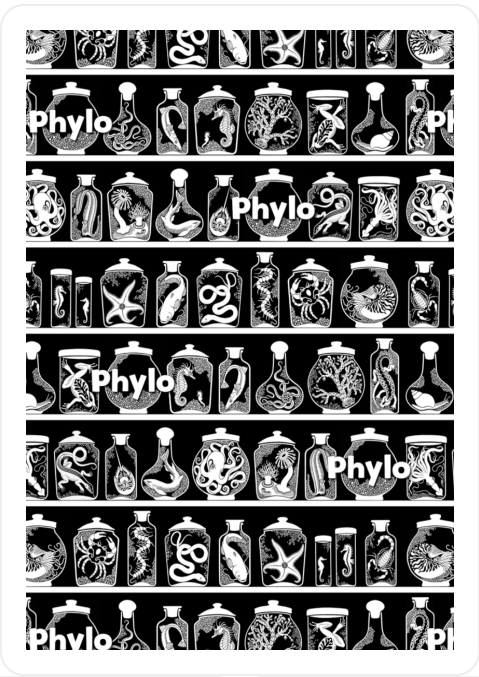
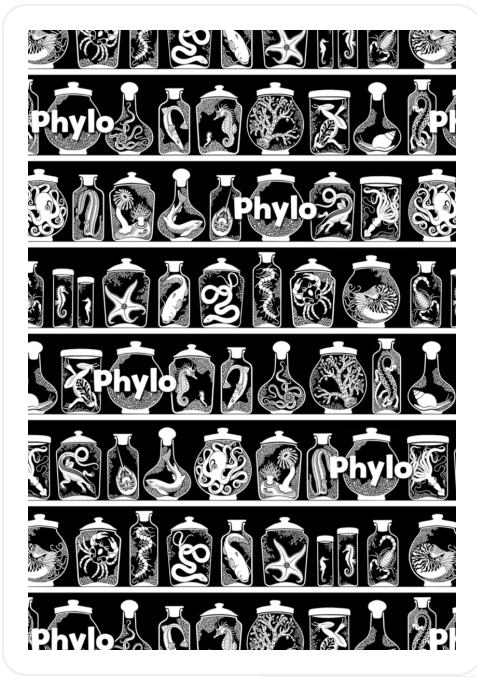


Calibas

5 POINTS

PLAY: May be played adjacent to Insecta class of the same scale (4). MOVE of 1.

   **Cool Warm Hot**



Environmentalist Protest

Action



PLAY: This card can be played at any time, even if it is not your turn. Prevent 1 Man-Made Event card from happening or remove 1 Man-Made Event card in play.

Natural Reclamation

Action



PLAY: Discard 1 Event card in play.

Phytoremediation

Action

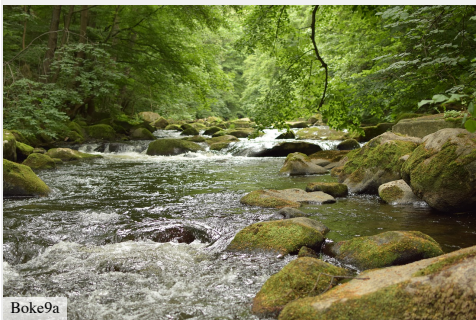


PLAY: Remove 1 Water Pollution event card from the board.
A method of environmental cleanup that uses plants to remove or destroy pollutants from groundwater and soil.

Rewilding

Action

A



PLAY: Place the card under a species. Treat the corresponding token as if it was a copy of that species card and play it at any valid space on the board.
By reintroducing lost species to an environment, rewilding attempts to restore the natural processes and strengthen the foodchain.

Heat Wave

Event



Discard the Forest or Grassland Photosynthetic species with the most Species cards adjacent to it. Discard any adjacent species that do not live in a Hot climate.
Over the past few decades, the number of record high temperatures has greatly outnumbered the number of record low temperatures.

Natural

Coldsnap

Event



Discard the Forest or Grassland Photosynthetic species with the most Species cards adjacent to it. Discard any adjacent species that do not live in a Cold climate.
Unexpected drops in temperature can kill plants during their most vulnerable growth period.

Natural

Dam

Event



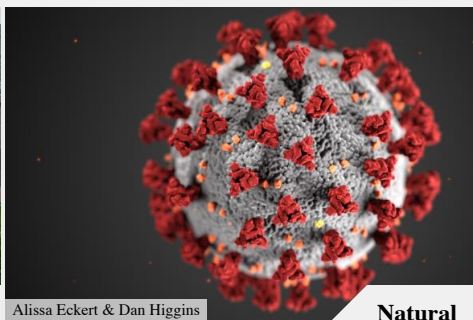
Place this card under the Freshwater species with the most Species cards adjacent. That card will not be scored for points. Adjacent cards reduce their points by half (rounded down), except for Humans (Homo sapiens).

Dams reduce the oxygen levels in streams and destroy and disrupt habitats for local species.

Man-Made

Disease

Event



Place this card under the species that is worth the most Points. That card will not be scored for points. Adjacent cards receive -1 Points. If the Species card is moved or discarded, this card goes with it.

Ecosystems that are threatened by pollution, climate change, and invasive species also have an elevated risk of suffering from disease.

Natural

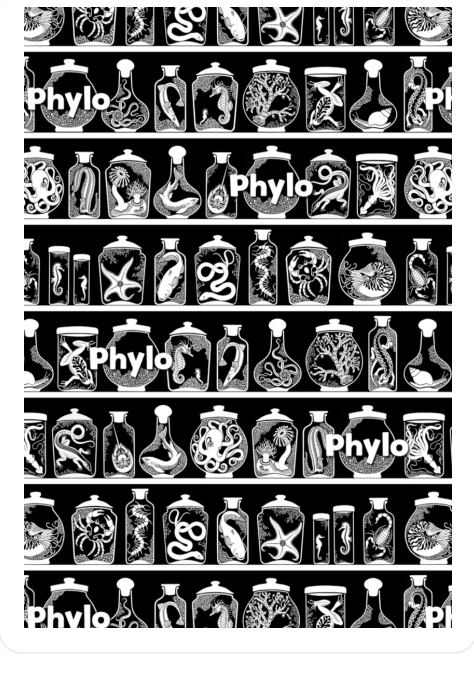
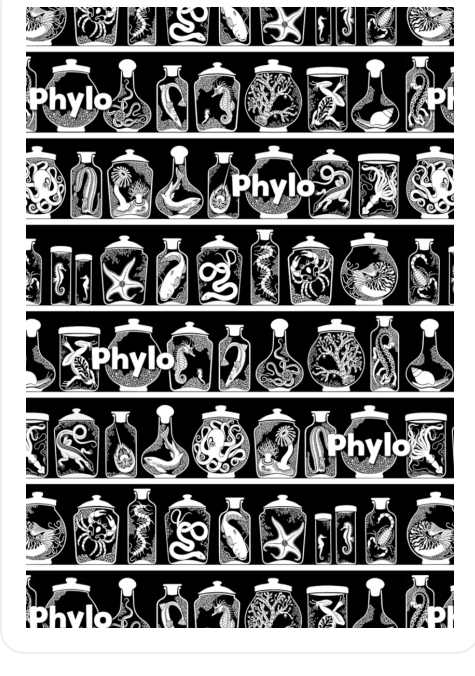
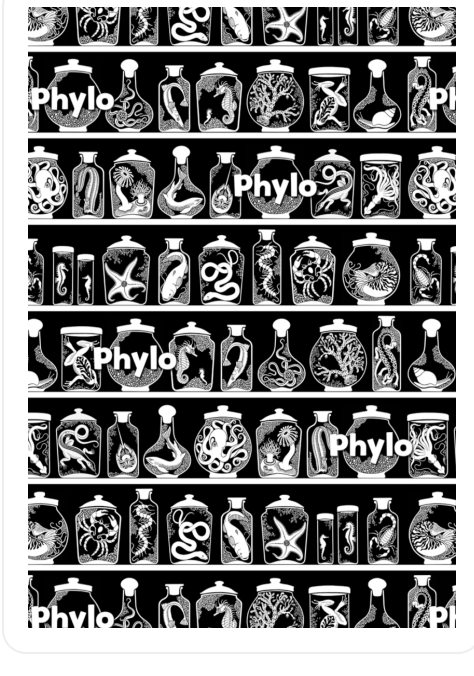
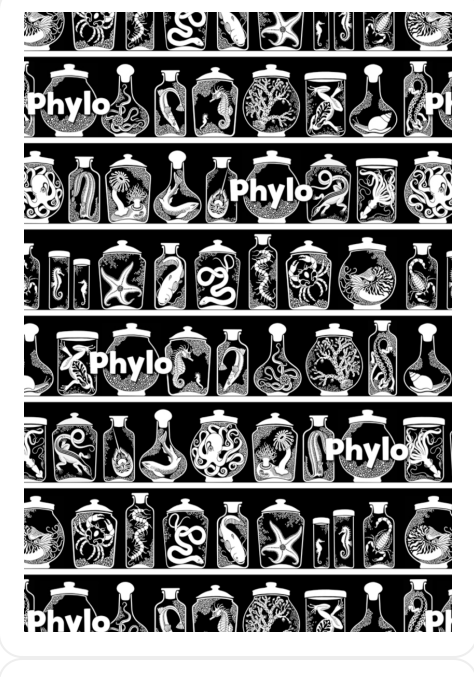
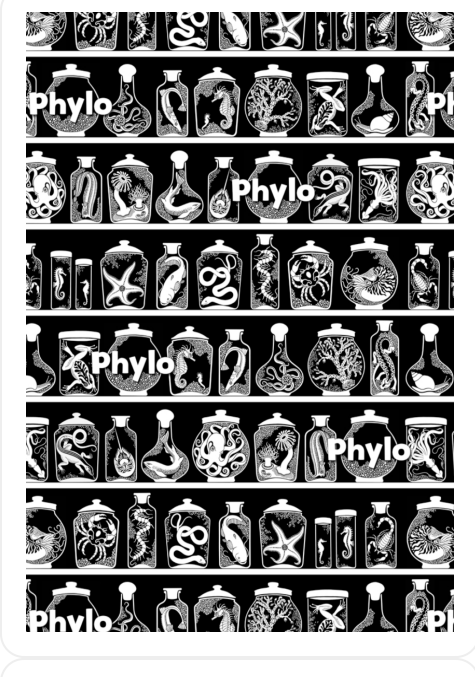
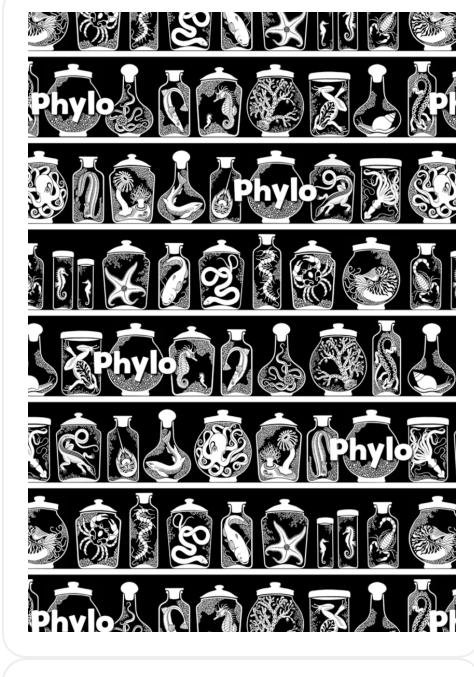
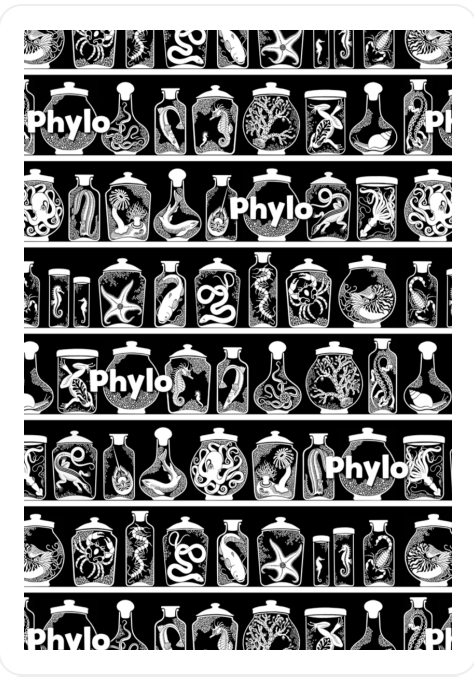
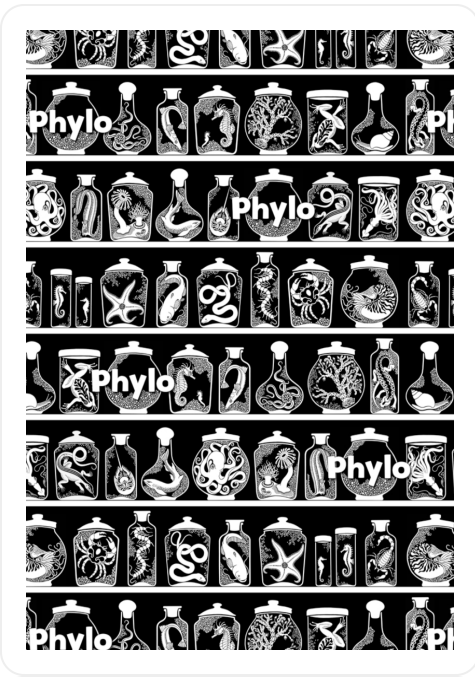
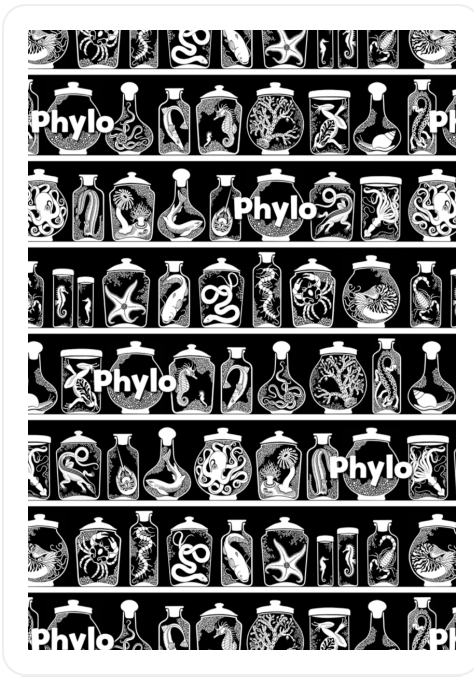
Excessive harvesting

Event



Discard the Photosynthetic species with the most Species cards adjacent to it.
American Ginseng is in decline and may become an endangered species due to widespread overharvesting.

Man-Made



Excessive harvesting
Event



Ramps by H. Alexander Talbot

Man-Made

Discard the Photosynthetic species with the most Species cards adjacent to it.

Ramp onion plants are so widely and frequently harvested that some states fear it will become scarce.

Flooding
Event



Natalia Kollegova

Natural

Discard the Freshwater species with the most Species cards adjacent. Place this card where that species was. Discard any adjacent species that do not live in freshwater.

Human created climate change leads to rising temperatures and shifting rainfall patterns which are likely to increase the intensity of floods.



Habitat Loss
Event



Daniel Beilinson

Man-Made

Discard the species that has the most Species cards adjacent. Place this card where that species was. Discard any adjacent species that do not live in urban area.

Destruction of natural habitats, particularly forests in Pennsylvania, is potentially leading to the decline of several species.



Invasive Species
Event

Photosynthetic



Bull thistle by National Park Service

Natural

Place Invasive Species on the board so it is adjacent to the most Herbivores possible. Adjacent cards receive -1 Points.

Dig up the Bull Thistle's deep taproot, fold the plant to prevent it from regrowing, and use it as mulch to prevent further spread.

Invasive Species
Event

Photosynthetic



Japanese Knotweed by PNH

Natural

Place Invasive Species on the board so it is adjacent to the most Herbivores possible. Adjacent cards receive -1 Points.

In an attempt to curb Knotweed's rapid growth, some restaurants in Pittsburgh serve it in their dishes.

Overhunting
Event



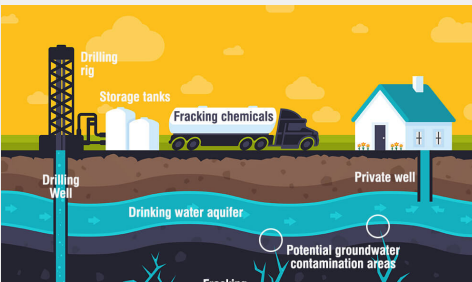
Smith Bennett

Man-Made

Discard the Mammal, Bird or Reptile with the most Species cards adjacent to it. This card cannot be played on Humans (Homo sapien)

Passenger pigeons comprised more than 25% of the entire North American bird population before being hunted to extinction by the end of the 1890s.

Water Pollution (Fracking accident)
Event



Kentucky Environmental Foundation

Man-Made

Place this card under the species that lives in Forest, Grassland, or Freshwater with the most adjacent Species cards. That card will not be scored for points. Adjacent cards receive -1 Points.

fracktracker.org tracks data about the methods used to extract gas and ewg.org/tapwater/ shows what chemicals are in your local water supply.

Water Pollution (Lead leaching from pipes)
Event



Man-Made

Place this card under the species that lives in Grassland or Urban with the most adjacent Species cards. That card will not be scored for points. Adjacent cards receive -1 Points.

Flint, MI and Pittsburgh, PA both suffered from elevated lead levels in the water provided by Veolia, which led to the private company becoming embroiled in lawsuits.

Water Pollution (PFAS)
Event

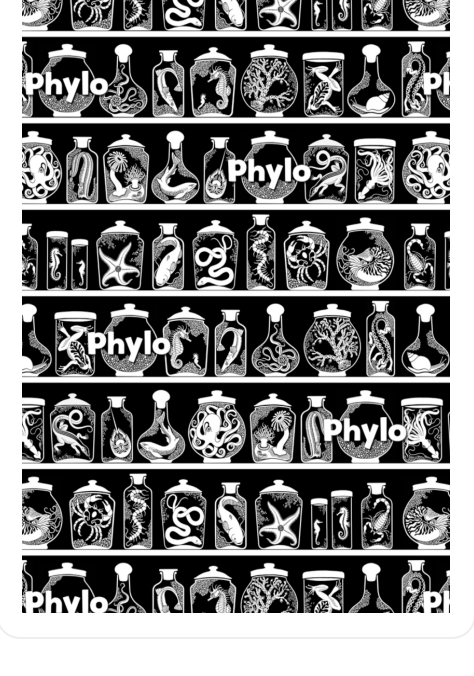
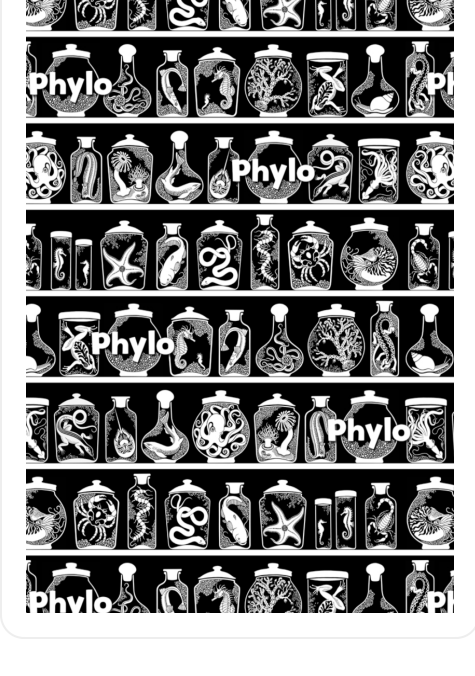
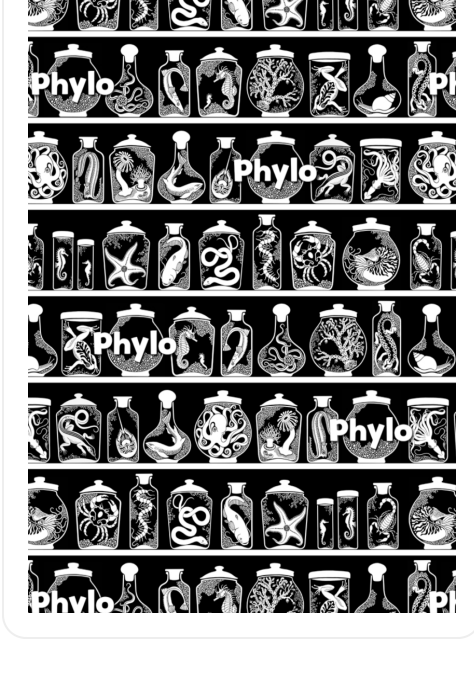
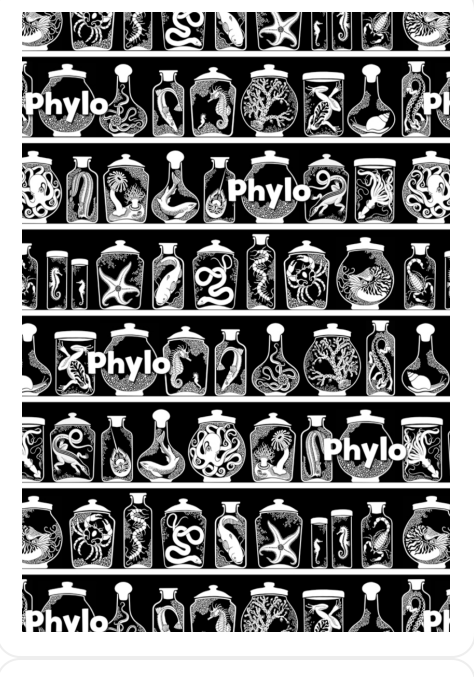
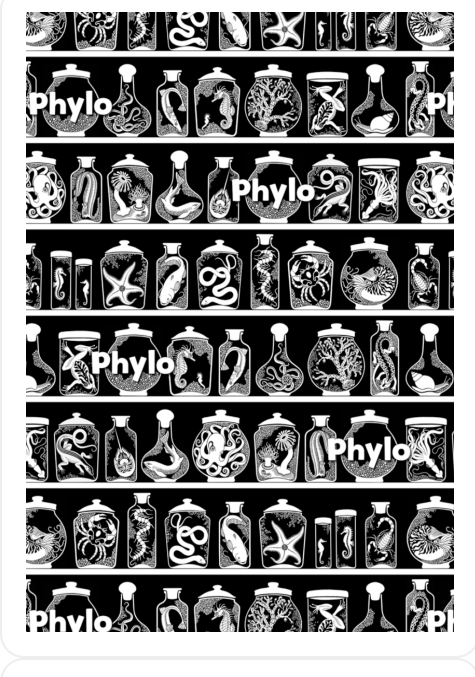
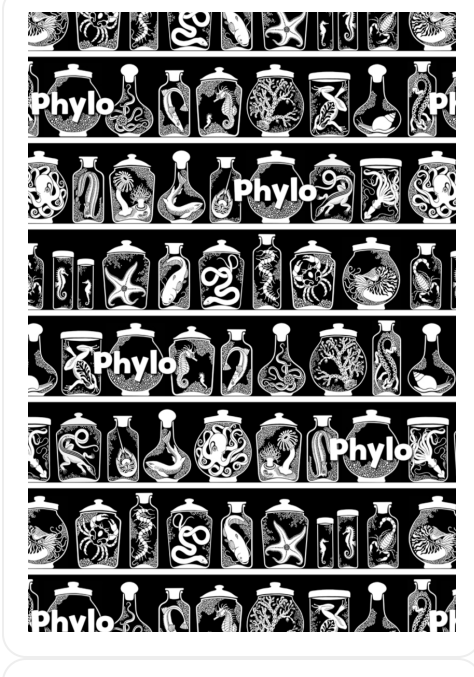
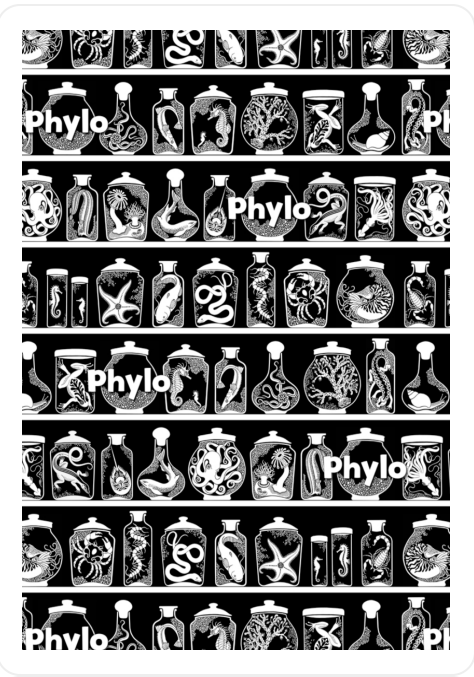
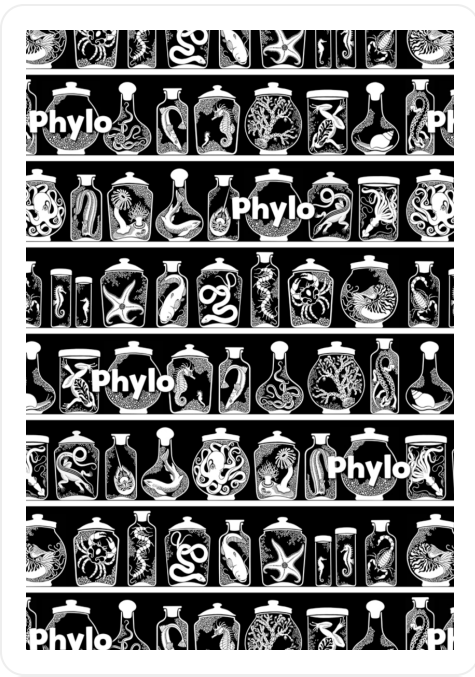
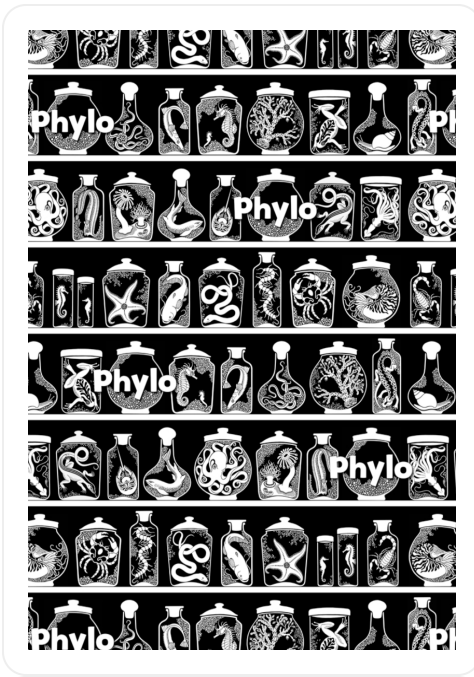


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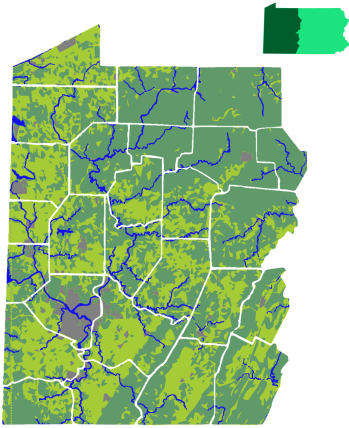
Man-Made

Place this card under the species that lives in Grassland or Urban with the most adjacent Species cards. That card will not be scored for points. Adjacent cards receive -1 Points.

PFAS are chemicals used to make waterproof and nonstick products. Lasting for millions of years they won't break down so can build up in the water supply.

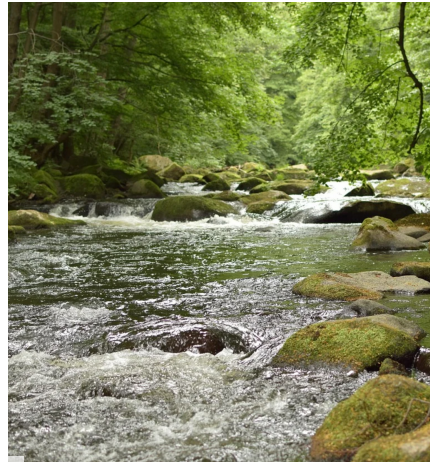


Western Pennsylvania
Home



Rewilding Token

A



see Rewilded card

On Your Turn



Draw 3 cards in hand

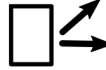


Resolve any Events

Use up to 3 Actions



Play a card



Move a card

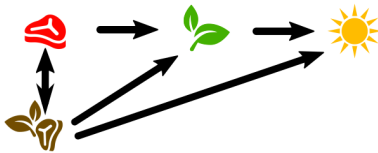


Pass

Playing a Species Card

Cards must share at least 1 Climate and 1 Terrain

And be Foodchain Compatible



Omnivore and Carnivore Scale must be greater than prey Scale



On Your Turn



Draw 3 cards in hand



Resolve any Events

Use up to 3 Actions



Play a card



Move a card

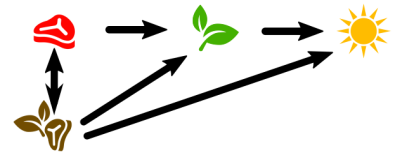


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On Your Turn



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Resolve any Events

Use up to 3 Actions



Play a card



Move a card

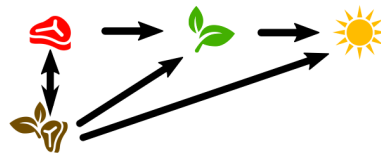


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