

STARTER DECK VERSION 2.0

PHYLO: THE TRADING CARD GAME

THIS DOCUMENT INCLUDES 17 PAGES OF CARDS (100 PHYLO CARDS).

NOTE THAT CARD SIZE IS IDENTICAL TO THAT OF POKEMON CARDS (62 mm x 87 mm or 2 7/16 inches x 3 7/16 inches).

WE RECOMMEND PRINTING THESE CARDS, IN COLOUR, ON 65LB+ WHITE CARD STOCK.

USING CARD SLEEVE PROTECTORS (~64mm x 89mm) WILL ALSO GREATLY ENHANCE THE FEEL OF THE CARDS.

WE ARE CURRENTLY FINALIZING THE “CARD BACK” DESIGN, WHICH SHOULD BE READY FOR DOWNLOADING AND PRINTING IN EARLY 2012.

FOR MORE CARDS, GAME RULES, AND GENERAL INFORMATION ABOUT THE PHYLO PROJECT, PLEASE GO TO:

<http://phylogame.org>

Marine Debris

Event Card



Event

PLAY: on 1 SPECIES card with Ocean or Fresh Water TERRAIN.

EFFECT: The played SPECIES card is discarded.

Image by Alexandria Neonakis
alexneonakis.com/

Linnaeus Card

Event Card



Event

PLAY: can be played immediately for below effect and then discarded.

EFFECT: When used, if a player can remember the latin name for an organism in his/her discard pile, then he/she can retrieve that card.

Image by Alexander Roslin
en.wikipedia.org/wiki/Carl_Linnaeus

Horned Puffin

Fratercula corniculata

5 3



Animalia, Chordata, Aves

7 POINTS

• Fratercula corniculata has a FLIGHT of 2.

• Fratercula corniculata nest in bluffs of fractured rock or crevices in cliff faces near the shoreline.

Image by latyshoffa
latyshoffa.deviantart.com/

Cold, Cool

Pool Frog

Pelophylax lessonae

5 3



Animalia, Chordata, Amphibia

6 POINTS

• Pelophylax Lessonae has a MOVE of 2.

• Pelophylax Lessonae is common in Poland, the Baltic Republics, Moldova, Russia and the Ukraine.

Image by Martha Iserman
www.bigredsharks.com

Cool,
Warm

American Robin

Turdus migratorius

5 3



Animalia, Chordata, Aves

3 POINTS

• Turdus migratorius has a FLIGHT of 2.

• Turdus migratorius's song sounds something like 'cheerily, cheer up, cheer up, cheerily, cheer up, cheer up'.

Image by Ashley Reynolds
gummipwns.deviantart.com/

Cool,
Warm

Common Fruit Fly

Drosophila melanogaster

4 2



Animalia, Arthropoda, Insecta

4 POINTS


• Drosophila melanogaster has a MOVE of 2.

• Drosophila melanogaster's wings can beat up to 220 times per second.

Image by Yukiko Fujiwara
www.cdb.riken.go.jp/en/05_development/0506_piccard05.html

Cool,
Warm

Yellow Tang
Zebrasoma flavescens **5 2**



6 POINTS

Animalia, Chordata, Actinopterygii

- *Zebrasoma flavescens* has a **MOVE** of 2.
- *Zebrasoma flavescens*'s yellow colour brightens during the day and fades at night.

Image by Joel Carlson
zazzle.com/joeyartist

Warm

Ringed Kingfisher
Megaceryle torquata **6 3**



6 POINTS


Animalia, Chordata, Aves

- *Megaceryle torquata* has a **FLIGHT** of 2.
- *Megaceryle torquata* like to eat fish, small mammals, insects, small reptiles and berries.

Image by Teh-Aguar4
teh-aguara.deviantart.com/

Cool, Warm

Japanese Cherry
Prunus serrulata **9 1**



2 POINTS


Plantae, Angiosperms, Eudicots

- *Prunus serrulata* has a **SPREAD** of 2.
- *Prunus serrulata* is native to Japan, Korea, and China.

Image by Lishie88
lishie88.deviantart.com/

Cool, Warm

Chilean Hazel
Gevuina avellana **9 1**



2 POINTS

Plantae, Angiosperms, Eudicots

- *Gevuina avellana* has a **SPREAD** of 2.
- *Gevuina avellana* bark is used to produce cabinetry and musical instruments.

Image by Teh-Aguar4
teh-aguara.deviantart.com/

Cool, Warm

Red Fox
Vulpes vulpes **7 3**



1 POINT

Animalia, Chordata, Mammalia

- *Vulpes vulpes* has a **MOVE** of 2
- *Vulpes vulpes* is a social animal. Red foxes live in groups which are led by one mated pair.

Image by Culpeo-Fox
Culpeo-Fox.deviantart.com

Cold, Cool, Warm

Lesser Roadrunner
Geococcyx velox **5 3**



2 POINTS

Animalia, Chordata, Aves

- *Geococcyx velox* has a **MOVE** of 3
- *Geococcyx velox* can run at speeds of up to 20 miles per hour (32 km/h).

Image by Adam Smith
rupted.deviantart.com/

Warm, Hot

Eurasian Nuthatch
Sitta europaea **5** **2**



Animalia, Chordata, Aves
3 POINTS

- *Sitta europaea* has a **FLIGHT** of 2.
- *Sitta europaea* is the most common and most widespread nuthatch.

Image by [Mark Sosbe](#)
marksosbe

Cool, Warm

Spotted Hyena
Crocuta crocuta **8** **3**




Animalia, Chordata, Mammalia
6 POINTS

- *Crocuta crocuta* has a **MOVE** of 2.
- Hyenas both hunt and scavenge. Nearly 70% of their meals are direct kills.

Image by [Anne Hensel](#)
anatoliba.deviantart.com/

Warm, Hot

Killer Whale (Orca)
Orcinus orca **9** **4**



Animalia, Chordata, Mammalia
7 POINTS

- *Orcinus orca* has a **MOVE** of 2.
- Haida mythology tells of killer whales living in houses and towns under the sea.

Image by [Steve Miller](#)
www.torchbearerstudios.com

Cold, Cool, Warm

Chilean Firetree
Embothrium coccineum **5** **1**




Plantae, Angiosperms, Eudicots
2 POINTS

- *Embothrium coccineum* has a **SPREAD** of 2.
- *Embothrium coccineum* blooms in spring.

Image by [Teh-Aguará](#)
teh-aguara.deviantart.com/

Cool, Warm

Blue Whale
Balaenoptera musculus **9** **3**



Animalia, Chordata, Mammalia
9 POINTS

- *Balaenoptera musculus* has a **MOVE** of 2, and requires a **KRILL** species card for diet.
- *Balaenoptera musculus* is largest animal that lives or has ever lived on planet Earth.

Image by [Ciaran Duffy](#)
hellocjaran.com/

Cold, Cool, Warm, Hot

Red-tailed Hawk
Buteo jamaicensis **6** **3**




Animalia, Chordata, Aves
7 POINTS

- *Buteo jamaicensis* has a **FLIGHT** of 2.
- Is one of three species referred to as "chickenhawk" within the United States.

Image by [Brenda Lyons](#)
www.falconmoon.com/

Cool, Warm

African Bush Elephant 8 2
Loxodonta africana




Mammalia, Chordata, Proboscidea
4 POINTS

- *Loxodonta africana* has a **MOVE** of 2.
- *Loxodonta africana* is one of the largest living terrestrial animals.

Image by *Adam Smith*
rupted.deviantart.com/ **Warm, Hot**

Northern Pike 7 3
Esox lucius



Animalia, Chordata, Actinopterygii
9 POINTS

- *Esox lucius* has a **MOVE** of 2.
- Can be found in brackish and freshwaters of Canada and the United States.

Image by *Jen Berry*
www.jenberry.co.uk/ **Cold, Cool**

Oxeye Daisy 4 1
Leucanthemum vulgare



Plantae, Angiosperms, Eudicots
2 POINTS

- *Leucanthemum vulgare* has a **SPREAD** of 1.

The game "He loves me, he loves me not" is associated with this flower.

Image by *Pat Knorpp*
p-e-a-k.deviantart.com/ **Cool, Warm**

Wildfire
 Event Card




Event

PLAY: on 1 **SPECIES** card with Forest or Grassland **TERRAIN**.

EFFECT: The played **SPECIES** card is discarded.

Image by *dawndelver*
dawndelver.deviantart.com/

Common Dandelion 5 1
Taraxacum officinale



Plantae, Angiosperms, Eudicots
2 POINTS

- *Taraxacum officinale* has a **SPREAD** of 1, and requires a **POLLINATOR**.
- Note that **WIND** card can double **SPREAD**.

Image by *Karissa Sartell*
www.redbubble.com/people/karissasartell **Cool, Warm**

Food Chain Disruption
 Event Card



Event

PLAY: on **SPECIES** card of **FOREST TERRAIN**. This card has an immediate effect.

EFFECT: The affected **SPECIES** card is discarded. Also discard played **SPECIES** that are incompatible.

Image by *Minna Sundberg*
www.minnasundberg.fi/

Garden Strawberry 6 **1**
Fragaria x ananassa



Plantae, Magnoliophyta, Magnoliopsida
 3 POINTS

- *Fragaria x ananassa* has a **SPREAD** of 1 (requires a **POLLINATOR**).

Each "seed" on the outside of the fruit is actually one of the ovaries of the flower, with a seed inside it.

Image by *gabugurl*
 gabugurl.deviantart.com/

Cool, Warm

Red Kangaroo 7 **2**
Macropus rufus



Animalia, Chordata, Mammalia
 5 POINTS


- *Macropus rufus* has a **MOVE** of 2.

Macropus rufus' legs work much like a rubber band. The males can leap over 9 metres (30 ft) in one leap.

Image by *Daniel Lundkvist*
 www.dlart.se/

Warm, Hot

Mosquito 4 **3**
Culiseta longiareolata



Animalia, Arthropoda, Insecta
 4 POINTS

- *Culiseta longiareolata* has a **FLIGHT** of 2.
- *Culiseta longiareolata* is considered a **POLLINATOR** and can feed on **SPECIES** of larger scale.

Image by *Monica doingtheunstuck*
 deviantart.com/

Cool, Warm

Mallard 6 **3**
Anas platyrhynchos



Animalia, Chordata, Aves
 4 POINTS

- *Anas platyrhynchos* has a **FLIGHT** of 2.
- *Anas platyrhynchos* must be placed adjacent to at least one **FRESH-WATER** containing card.

Image by *Curtis Wood*
 sktchwlkr.deviantart.com/

Cool, Warm

Welcome Swallow 5 **3**
Hirundo neoxena



Animalia, Chordata, Aves
 8 POINTS

- *Hirundo neoxena* has a **FLIGHT** of 2.

Welcome Swallows have short bristles at the sides of their mouths which help to guide their food (insects) into their mouths while flying at speed.

Image by *M. Ugarte*
 chutkat.deviantart.com/

Cool, Warm

Mandrill 7 **3**
Mandrillus sphinx



Animalia, Chordata, Mammalia
 6 POINTS

- *Mandrillus sphinx* has a **MOVE** of 2.

The mandrill is recognized by its olive-colored fur and the colorful face and rump of males.

Image by *Alexandra Prillaman*
 mytholalia.com/

Warm, Hot

Reindeer

Rangifer tarandus

7 2



Animalia, Chordata, Mammalia

6 POINTS

- *Rangifer tarandus* has a **MOVE** of 2.

Santa Claus' sleigh is pulled by flying reindeer.

Image by [Katie Thierolf](http://KatieThierolf.wolfyu.deviantart.com/)
wolfyu.deviantart.com/

Cold, Cool

Forest Hike

Event Card



Event

PLAY: can be played immediately for below effect and then discarded.

EFFECT: When used, a player may retrieve one **FOREST TERRAIN SPECIES** card from his/her discard pile.

Image by [Aaron Jasinski](http://AaronJasinski.jasinski.deviantart.com/)
jasinski.deviantart.com/

Polar Bear

Ursus maritimus

8 4



Animalia, Chordata, Mammalia

12 POINTS

- *Ursus maritimus* has a **MOVE** of 2.

• *Ursus maritimus* can feed on creatures of **SCALE** 8 or less.

Image by [Ashley Nava](http://AshleyNava.quicksilvercreatures.wordpress.com/)
quicksilvercreatures.wordpress.com/

Cold

Escape!

Event Card



Event

PLAY: can be played immediately for below effect and then discarded.

EFFECT: All of the player's **SPECIES** cards (with compatible **TERRAIN**) have double **MOVE**, and **FLIGHT** values for the remainder of the turn.

Image by [Katie Thierolf](http://KatieThierolf.wolfyu.deviantart.com/)
wolfyu.deviantart.com/

American Lotus

Nelumbo lutea

5 1



Plantae, Proteales, Nelumbonaceae

2 POINTS

- *Nelumbo lutea* has a **SPREAD** of 1 (requires a **POLLINATOR**).
- *Nelumbo lutea* is considered to be an **INVASIVE** species of Plantae cards of 4/5/6 scale.

Image by [Joanna Barnum](http://JoannaBarnum.www.joannabarnum.com/)
www.joannabarnum.com/

Cool,
Warm

Buttercup Scorpion Weed

Phacelia covillei

5 1



Plantae, Magnoliophyta, Magnoliopsida

3 POINTS

- *Phacelia covillei* has a **SPREAD** of 1 (requires a **POLLINATOR**).

Image by [Joanna Barnum](http://JoannaBarnum.www.joannabarnum.com/)
www.joannabarnum.com/

Cool,
Warm

Wild Daffodil

Narcissus pseudonarcissus

5 1



Plantae, Magnoliophyta, Liliopsida

3 POINTS

• *Narcissus pseudonarcissus* has a **SPREAD** of 1 (requires a **POLLINATOR**).

Narcissus pseudonarcissus is the national flower of Wales.

Image by Felicia Bartley
silent-agency.deviantart.com/

Cool,
Warm

Green Sea Turtle

Chelonia mydas

7 2



Animalia, Chordata, Reptilia

6 POINTS

• *Chelonia mydas* has a **MOVE** of 2.

Humans and larger sharks are the only predators of *Chelonia mydas* adults.

Image by Joanna Barnum
www.joannabarnum.com/

Cool,
Warm

Eurasian Otter

Lutra lutra

6 3



Animalia, Chordata, Mammalia

4 POINTS

• *Lutra lutra* has a **MOVE** of 2.

Lutra lutra must be adjacent to at least one **FRESHWATER** terrain card.

Image by jfapeacock
jfapeacock.deviantart.com/

Cool,
Warm

Evergreen Dogwood

Cornus capitata

9 1



Plantae, Angiosperms, Eudicots

4 POINTS

• *Cornus capitata* has a **SPREAD** of 1.

Image by Derek McCrea
www.derekmccrea.50megs.com/

Cool,
Warm

Field Poppy

Papaver rhoeas

6 1



Plantae, Magnoliophyta, Magnoliopsida

2 POINTS

• *Papaver rhoeas* has a **SPREAD** of 1. Requires a **POLLINATOR**.

Image by Anca Damian
anckutza.deviantart.com/

Cool,
Warm

Ring-tailed Lemur

Lemur catta

6 3



Animalia, Chordata, Mammalia

6 POINTS

• *Lemur catta* has a **MOVE** of 2.

Males often have "stink fights" where they wave their tails (having been rubbed on the strong-smelling wrist gland) at one another.

Image by Joanna Barnum
www.joannabarnum.com/

Warm, Hot

Mute Swan 7 3
Cygnus olor



Animalia, Chordata, Aves
3 POINTS

- *Cygnus olor* has a **FLIGHT** of 2.
- *Cygnus olor* must be placed adjacent to at least one **WATER-BASED TERRAIN** containing card.

Image by *lightbird*
lightbird.deviantart.com/

**Cool,
Warm**

Antarctic Krill 4 3
Euphausia superba



Animalia, Arthropoda, Crustacea
6 POINTS

- *Euphausia superba* has a **MOVE** of 1.

Krill are often referred to as *light-shrimp* because they can emit light, produced by bioluminescent organs.

Image by *Elizabeth Blades*
www.elizabethblades.co.uk

Cold, Cool

Blue Bird-of-Paradise 5 2
Paradisaea rudolphi



Animalia, Chordata, Aves
7 POINTS

- *Paradisaea rudolphi* has a **FLIGHT** of 2.

The Bird of Paradise flower is named after the brightly colored bird in flight.

Image by *lightbird*
lightbird.deviantart.com/

Warm

Rock Ptarmigan 6 3
Lagopus muta



Animalia, Chordata, Aves
6 POINTS

- *Lagopus muta* has a **FLIGHT** of 2.

The Rock Ptarmigan is known as *Snow Chicken*, and is the official bird for the territory of Nunavut, Canada.

Image by *Suzanne Gyseman*
floralfaerie.deviantart.com/

**Cool,
Warm**

Moose 8 2
Alces alces



Animalia, Chordata, Mammalia
5 POINTS

- *Alces alces* has a **MOVE** of 2.

In Europe, a moose is known as a *European Elk*.

Image by *Catherine Fielder*
l-h4x3d.deviantart.com/

Cold, Cool

North Pacific Giant Octopus 8 3
Enteroctopus doffeini



Animalia, Mollusca, Cephalopoda
10 POINTS

- *Enteroctopus doffeini* has a **MOVE** of 2.

Enteroctopus doffeini is the largest species of octopus in the world.

Image by *Coral Cargill*
bluecnidaria.deviantart.com/

**Cool,
Warm**

Home Card
House



Starter

• This is a **HOME** card. The game starts with each player having a **HOME** card played on the table next to each other.

• **HOME** cards represent all **TERRAIN** and **CLIMATE** values.

Image by *sc-parade*
sc-parade.deviantart.com/

Eurasian Lynx
Lynx lynx

7 3



Animalia, Chordata, Mammalia

9 POINTS

• *Lynx lynx* has a **MOVE** of 2.

Lynx lynx adults are mainly nocturnal and live solitary lives.

Cool, Warm

Image by *Myriel Myrsky*
myrsk.deviantart.com/

Migration
Event card



Event


PLAY: on 1 **SPECIES** card of any **TERRAIN**. This card has an immediate effect.

EFFECT: The affected **SPECIES** card AS WELL AS adjacent cards (under the player's control) can all **MOVE**: this together will count as a single action. Discard **EVENT** card after use.

Image by *Aimee Lockwood*
lilaims.deviantart.com/

Bull Kelp
Nereocystis luetkeana

5 1



Chromalveolata, Heterokontophyta, Phaeophyta

5 POINTS

• *Nereocystis luetkeana* has a **SPREAD** of 1.


Nereocystis luetkeana most likely gets its common name from its similarity to a bull-whip.

Cool, Warm

Image by *Coral Cargill*
bluecnidaria.deviantart.com/

Leafy Sea Dragon
Phycodurus eques

5 3



Animalia, Chordata, Actinopterygii

10 POINTS

• *Phycodurus eques* has a **MOVE** of 2.


The leafy sea dragon is the official marine emblem of the state of South Australia.

Cool, Warm

Image by *Adam Smith*
rupted.deviantart.com/

Serval
Leptailurus serval

7 3



Animalia, Chordata, Mammalia

8 POINTS

• *Leptailurus serval* has a **MOVE** of 2.

Servals have historically been kept as lifelong pets in Africa. The Ancient Egyptians also worshipped the serval as gods.

Cool, Warm

Image by *Adam Smith*
rupted.deviantart.com/

Blackeyed Susan

Rudbeckia hirta

5 1



Plantae, Magnoliophyta, Magnoliopsida
4 POINTS

- *Rudbeckia hirta* has a **SPREAD** of 1 (Requires a **POLLINATOR**).

This is the official state flower of Maryland.

Image by Coral Cargill
bluecnidaria.deviantart.com

Cool,
Warm

Overpopulation

Event card



Event

- PLAY:** on 1 **SPECIES** card of **FOOCHAIN** 2 or higher (on any **TERRAIN**).

EFFECT: Any **SPECIES** card that is the "diet" of the played card is immediately discarded.

Image by Catherine Fielder
l-h4x3d.deviantart.com/

Cool,
Warm

North American Beaver

Castor canadensis

6 2



Animalia, Chordata, Mammalia
5 POINTS

- *Castor canadensis* has a **MOVE** of 2.
- *Castor canadensis* is a national symbol for Canada.

Image by Adam Smith
rupted.deviantart.com/

Cool,
Warm

Big-rooted Morning Glory

Ipomoea pandurata

6 1



Plantae, Magnoliophyta, Magnoliopsida
3 POINTS

- *Ipomoea pandurata* has a **SPREAD** of 1. (Requires a **POLLINATOR**)

The seeds of this species are incredibly hairy.

Image by Coral Cargill
bluecnidaria.deviantart.com/

Cool,
Warm

Nepenthes gymnamphora

Nepenthes gymnamphora

5 1



Plantae, Magnoliophyta, Magnoliopsida
4 POINTS

- *Nepenthes gymnamphora* has a **SPREAD** of 1. (Requires a **POLLINATOR**)
- *Nepenthes gymnamphora* is also carnivorous against **Insectas** of **SCALE 4**.

The taxonomy of this species is heavily debated.

Image by Ernst Haeckel
en.wikipedia.org/wiki/Ernst_Haeckel

Warm, Hot

Atlantic Footballfish

Himantolophus groenlandicus

5 3



Animalia, Chordata, Actinopterygii
10 POINTS

- *H. groenlandicus* has a **MOVE** of 2.
- *H. groenlandicus* can act as a **PARASITE** on other *H. groenlandicus* cards in play.

At maturity, the much smaller male becomes a parasite of the female

Image by Adam Smith
rupted.deviantart.com/

Cold, Cool

Paper Birch
Betula papyrifera

9 1



Plantae, Magnoliophyta, Magnoliopsida
5 POINTS

• *Betula papyrifera* has a **SPREAD** of 1 (requires **WIND**).

The relatively soft, whitish wood is used extensively for such items as clothespins, spools, ice cream sticks, and toothpicks.

Image by *Aria Sterling*
www.studioswash.com/

Cool,
Warm

Sunflower
Helianthus annuus

7 1



Plantae, Asterales, Asteraceae
3 POINTS

• *Helianthus annuus* has a **SPREAD** of 1 (requires a **POLLINATOR**)

Image by *Derek McCrea*
www.derekmccrea.50megs.com/

Cool,
Warm

Monarch Butterfly
Danaus plexippus

4 2



Animalia, Arthropoda, Insecta
5 POINTS

• *Danaus plexippus* has a **MOVE** of 2.

• *Danaus plexippus* is considered a **POLLINATOR**.

Image by *Lamorien*
lamorien.deviantart.com/

Cool,
Warm

Meerkat
Suricata suricatta

6 3



Animalia, Chordata, Mammalia
5 POINTS

• *Suricata suricatta* has a **MOVE** of 2.

A group of meerkats is called a "mob", "gang" or "clan."

Image by *Adam Smith*
rupted.deviantart.com/

Warm, Hot

Seven-spot Ladybird
Coccinella septempunctata

4 3



Animalia, Arthropoda, Insecta
6 POINTS

• *Coccinella septempunctata* has a **FLIGHT** of 2, and can feed on creatures of **SCALE** 4 or less.

• *Coccinella septempunctata* is considered to be an **INVASIVE** species of *Insecta* cards of identical scale, as well as a **POLLINATOR**.

Image by *Louise van Wyk*
babyclémentine.deviantart.com/

Cool,
Warm

Peacock Butterfly
Inachis io

4 2



Animalia, Arthropoda, Insecta
4 POINTS


• *Inachis io* has a **FLIGHT** of 2.

• *Inachis io* is considered a **POLLINATOR**.

Image by *Peter Vijlbrief*
boy140495.deviantart.com/

Cool,
Warm

Caulerpa peltata 5 1
Caulerpa peltata



Plantae, Chlorophyta, Bryopsidophyceae

5 POINTS

- *Caulerpa peltata* has a **SPREAD** of 1/2 (1 per 2 turns).

Cool, Warm

Image by Ernst Haeckel
commons.wikimedia.org/wiki/Kunstformen_der_Natur

Escherichia coli 2 1
Escherichia coli



Bacteria, Proteobacteria, Gammaproteobacteria

2 POINTS

- *Escherichia coli* has a **SPREAD** of 1.
- *Escherichia coli* can be placed with any **TERRAIN**.

Cold, Cool, Warm

Image by environmental-hazard
environmental-hazard.deviantart.com/

Fox-tail Feather Moss 5 1
Thamnobryum alopecurum



Plantae, Bryophyta, Bryopsida

5 POINTS

- *Thamnobryum alopecurum* has a **SPREAD** of 1/2 (1 per 2 turns).

Cold, Cool

Image by Ernst Haeckel
en.wikipedia.org/wiki/File:Haeckel_Muscinae.jpg

Common House Mouse 5 3
Mus musculus



Animalia, Chordata, Mammalia

4 POINTS

- *Mus musculus* has a **MOVE** of 2.
- *Mus musculus* is considered a human **COMMENSAL** and can be played individually or under a *Homo sapiens* card.

Cool, Warm

Image by Sarah Stringhetti
saraquarelle.deviantart.com/

Oil Spill Event Card



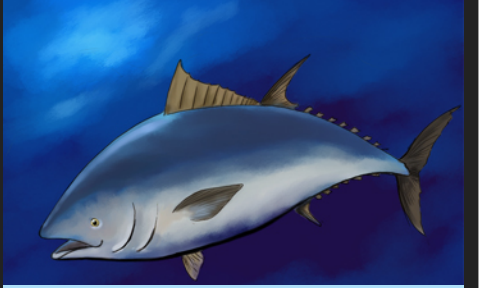
Event

PLAY: on 1 **SPECIES** card.

EFFECT: The played **SPECIES** card is discarded. All neighbouring species cards still adjacent to the **EVENT** after 1 turn will also need to be discarded.

Image by Stephanie Tan
wildhue.deviantart.com/

Northern Blue Fin Tuna 8 3
Thunnus thynnus



Animalia, Chordata, Actinopterygii

6 POINTS

- *Thunnus thynnus* has a **MOVE** of 3.

"Female bluefin are thought to produce up to 40 million eggs."

Cold, Cool

Image by Dan Deibler
www.flickr.com/photos/tunamatrix

Pacific Dogwood

Cornus nuttallii

9 1



Plantae, Angiosperms, Eudicots

5 POINTS

- *Cornus nuttallii* has a **SPREAD** of 1 (requires **POLLINATOR**).

Image by Jesse Kempton
darkconofman.deviantart.com/

Cool,
Warm

Common Raven

Corvus corax

6 3



Animalia, Chordata, Aves

2 POINTS

- *Corvus corax* has a **FLIGHT** of 2.
- *Corvus corax* can inhabit any landbased terrain

Corvus corax is thought to be highly intelligent.

Image by Jesse Kempton
darkconofman.deviantart.com/

Cold, Cool,
Warm, Hot

European Badger

Meles meles

6 3



Animalia, Chordata, Mammalia

4 POINTS

- *Meles meles* has a **MOVE** of 2.

Meles meles can become torpid (a kind of temporary hibernation) for two or so days at a time.

Image by Ursula Vernon
ursulavernon.com

Cool,
Warm

Bold Jumping Spider

Phidippus audax

4 3



Animalia, Arthropoda, Arachnida

8 POINTS

- *Phidippus audax* has a **MOVE** of 2, and can feed on creatures of **SCALE** 4 or less.

"These spiders have been known to jump up to 50 times their own body length!"

Image by Andrew K. Gott
www.agott.com/

Cool,
Warm

Black-capped Chickadee

Poecile atricapillus

5 3



Animalia, Chordata, Aves

4 POINTS

- *Poecile atricapillus* has a **FLIGHT** of 2.
- "13 distinct types of vocalizations have been classified, many of which are complex and can communicate different types of information."

Image by Christie Lyon
www.etsy.com/shop/studiolyon

Cool,
Warm

Fly Agaric

Amanita muscaria

5 1



Fungi, Basidiomycota, Agaricomycetes

5 POINTS

- *Amanita muscaria* is a **PARASITE** of *Pinopsida*, *Coniferophyta*, *Magnoliopsida* cards.

Amanita muscaria is poisonous. "A fatal dose has been calculated at approximately 15 caps."

Image by Yuko Nishigaki
nishigaki.org/

Cool,
Warm

Bull Thistle

Cirsium vulgare

7 1



Plantae, Angiosperms, Eudicots

2 POINTS

- *Cirsium vulgare* has a **SPREAD** of 1 (requires a **POLLINATOR**)
- *Cirsium vulgare* is considered to be an **INVASIVE** species of *Plantae* cards of 6/7 scale.

Image by *Mason Fetzer*
www.masonfetzer.com

Cold, Cool,
Warm

Rainbow Trout

Oncorhynchus mykiss

6 3



Animalia, Chordata, Actinopterygii

8 POINTS

- *Oncorhynchus mykiss* has a **MOVE** of 3.
- *Oncorhynchus mykiss* can also feed on Plankton.

Image by *Tiffany Mills*
tiffanysketchblog.blogspot.com

Cold, Cool

Black Carpenter Ant

Camponotus pennsylvanicus

4 3



Animalia, Arthropoda, Insecta

4 POINTS

- *C. pennsylvanicus* have a **MOVE** of 2.
- *C. pennsylvanicus* can feed on creatures of **SCALE** 5 or less.
- *C. pennsylvanicus* can also thrive in **URBAN** habitats.
- This image depicts a worker.

Image by *Kiriko Moth*
kiriko-moth.com

Cool,
Warm

Valley Oak

Quercus lobata

9 1



Plantae, Magnoliophyta, Magnoliopsida

5 POINTS

- *Quercus lobata* has a **SPREAD** of 1 (requires a **WIND** card).
- *Quercus lobata* is the largest of all oak trees in North America, often with trunks 7 feet in diameter, and heights of over 100 feet.

Image by *David Miller*
www.DavidMillerArt.com

Cool,
Warm

Home Card

Apartment



Starter

- This is a **HOME** card. The game starts with each player having a **HOME** card played on the table next to each other.
- **HOME** cards represent all **TERRAIN** and **CLIMATE** values.

Image by *Joel Prittie*
www.atomier-one.blogspot.com/

Drought

Event Card



Event

PLAY: on 1 **SPECIES** cards, with land based **TERRAIN**.

EFFECT: Convert to **DESERT** terrain for 1 turn. Discard played **SPECIES** that are incompatible.

Image by *Jordan Gribble*
theluvre.webs.com/

Warm, Hot

Habitat Loss

Event Card



Event

PLAY: on 1 SPECIES card on any land based TERRAIN.

EFFECT: Convert to **URBAN** terrain permanently. Discard played SPECIES that are incompatible.

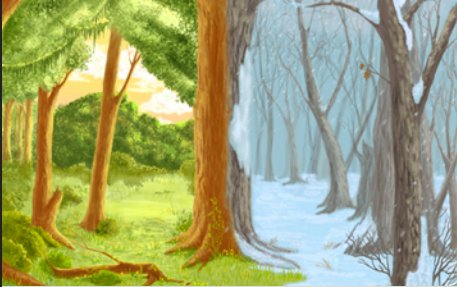


Image by *A. L. Radeck*
alradeck.daportfolio.com/

**Cold, Cool,
Warm, Hot**

Cold Snap

Event Card



Event

PLAY: on 1 SPECIES card.

EFFECT: Convert to **COLD** climate for 1 turn. Discard played SPECIES that are incompatible.



Image by *S B Kennedy*
wingedsonar.deviantart.com

Cold

Wind

Event Card



Event

PLAY: on 1 SPECIES card.

EFFECT: Required for some **SPREAD** actions.



Image by *Si Clark*
www.si-clark.co.uk/

European Starling

Sturnus vulgaris

5 3



Animalia, Chordata, Aves

1 POINTS

- *Sturnus Vulgaris* has a **FLIGHT** of 2.
- *S. Vulgaris* is considered to be an **INVASIVE** species of Aves cards of identical scale and food chain rank.

- These birds are known to gather in huge flocks (sometimes as large as 1 million birds!).

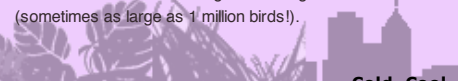


Image by *Tricia Arnold*
babblerish.blogspot.com/

**Cold, Cool,
Warm**

Lion

Panthero leo

8 4



Animalia, Chordata, Mammalia

11 POINTS

- *Leo panthera* has a **MOVE** of 2.

A unique characteristic of both females and males is that the tail ends in a hairy tuft, which often conceals a hard "spine" or "spur". The function of the tuft and spine are unknown.



Image by *Ele Willoughby*
minouette.etsy.com

Warm, Hot

Royal Starling

Cosmopsarus regius

5 3



Animalia, Chordata, Aves

5 POINTS

- *Cosmopsarus regius* has a **FLIGHT** of 2.

The eggs of Cosmopsarus regius are light green with red speckles.



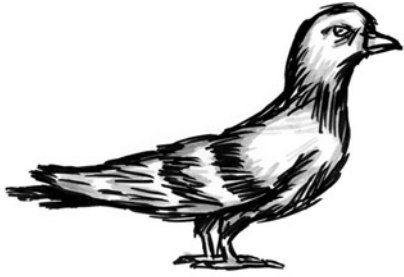
Image by *Gina Allnatt*
ginasketch.carbonmade.com

Warm, Hot

Rock Pigeon

Columba livia

5 2



Animalia, Chordata, Aves

2 POINTS

- *Columba livia* has a **FLIGHT** of 3.
- *Columba livia* is considered to be an **INVASIVE** species of Aves cards of identical scale and food chain rank.

Image by *Randy Laybourne*
lookforwardtothepast.com

Cool, Warm

Muskox

Ovibos moschatus

8 2



Animalia, Chordata, Mammalia

7 POINTS

- *Ovibos moschatus* has a **MOVE** of 2.

"When the herd is threatened, the bulls and cows will face outward to form a stationary ring or semicircle around the calves."

Image by *Kirsten Call*
www.kirstencall.com

Cold, Cool

House Sparrow

Passer domesticus

5 2



Animalia, Chordata, Aves

2 POINTS

- *Passer domesticus* has a **FLIGHT** of 2.
- *Passer domesticus* is considered to be an **INVASIVE** species of Aves cards of identical scale and food chain rank.

Image by *Tricia Arnold*
babbletrish.blogspot.com

Cold, Cool, Warm

European Honey Bee

Apis mellifera

4 2



Animalia, Arthropoda, Insecta

5 POINTS

- *Apis mellifera* has a **FLIGHT** of 2
- *Apis mellifera* is considered a **POLLINATOR**.

This image depicts a worker.

Image by *Kiriko Moth*
kiriko-moth.com

Cool, Warm

White Rhinoceros

Ceratotherium simum

8 2



Animalia, Chordata, Mammalia

7 POINTS

- *Ceratotherium simum* has a **MOVE** of 2.

Image by *Phineas X. Jones*
octophant.us

Warm, Hot

Striped Skunk

Mephitis mephitis

6 3



Animalia, Chordata, Mammalia

3 POINTS

- *Mephitis mephitis* has a **MOVE** of 2.

Mephitis mephitis can emit a highly unpleasant odor, and can also do cartwheels - sometimes at the same time!

Image by *Colin Moore*
www.illustratemoore.com

Cold, Cool, Warm

Raccoon
Procyon lotor **6** **3**




Animalia, Chordata, Mammalia
1 POINTS

- *Procyon lotor* has a **MOVE** of 2.
- *Procyon lotor* is also considered to be an **INVASIVE** species of *Mammalia* cards of identical scale and food chain rank.

Image by *Randy Laybourne*
lookforwardtothepast.com

Cold, Cool, Warm

Adelie Penguin
Pygoscelis adeliae **5** **3**



Animalia, Chordata, Aves
6 POINTS

- *Pygoscelis adeliae* has a **MOVE** of 2.

Image by *naturalismus*
www.flickr.com/photos/naturalismus/

Cold

Western Red Cedar
Thuja plicata **9** **1**



Plantae, Pinophyta, Pinopsida
3 POINTS

- *Thuja plicata* has a **SPREAD** of 1 (requires a **WIND** card).

Image by *Kirsten Call*
www.kirstencall.com

Cold, Cool, Warm

Flood!
Event Card



Event

PLAY: on 1 **SPECIES** card of any land based **TERRAIN**.

EFFECT: Convert to **FRESHWATER** terrain for 1 turns.
Discard played **SPECIES** that is incompatible.

Image by *John Burnett*
johnnyburn.blogspot.com/