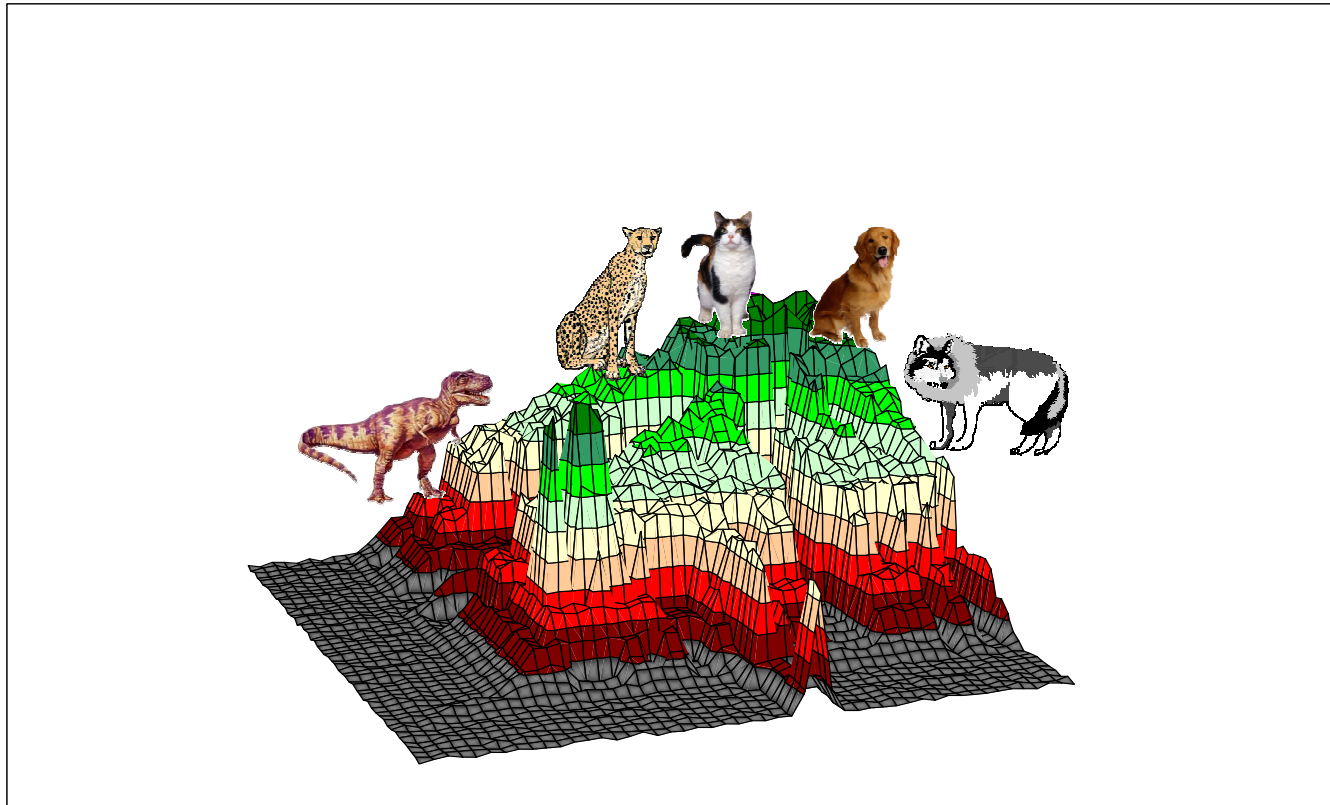
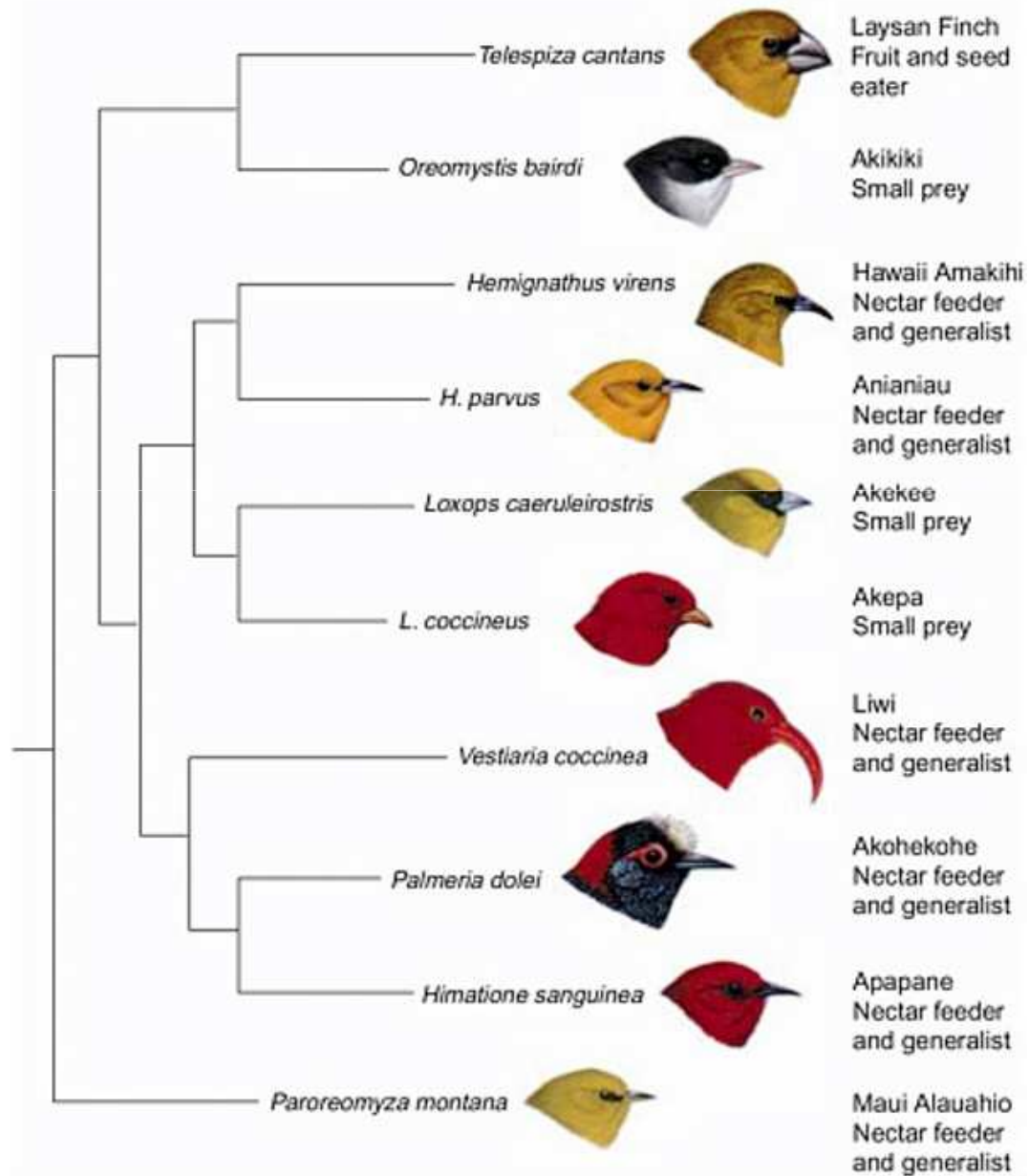
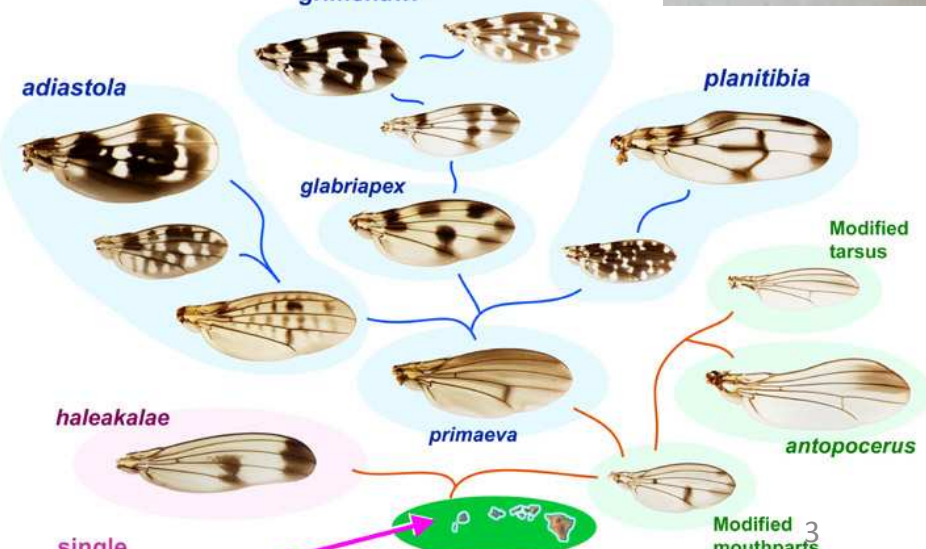
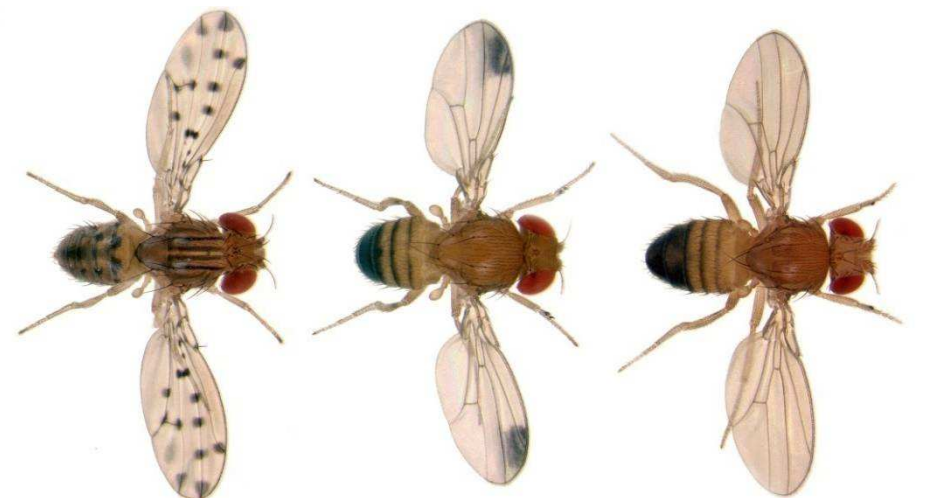
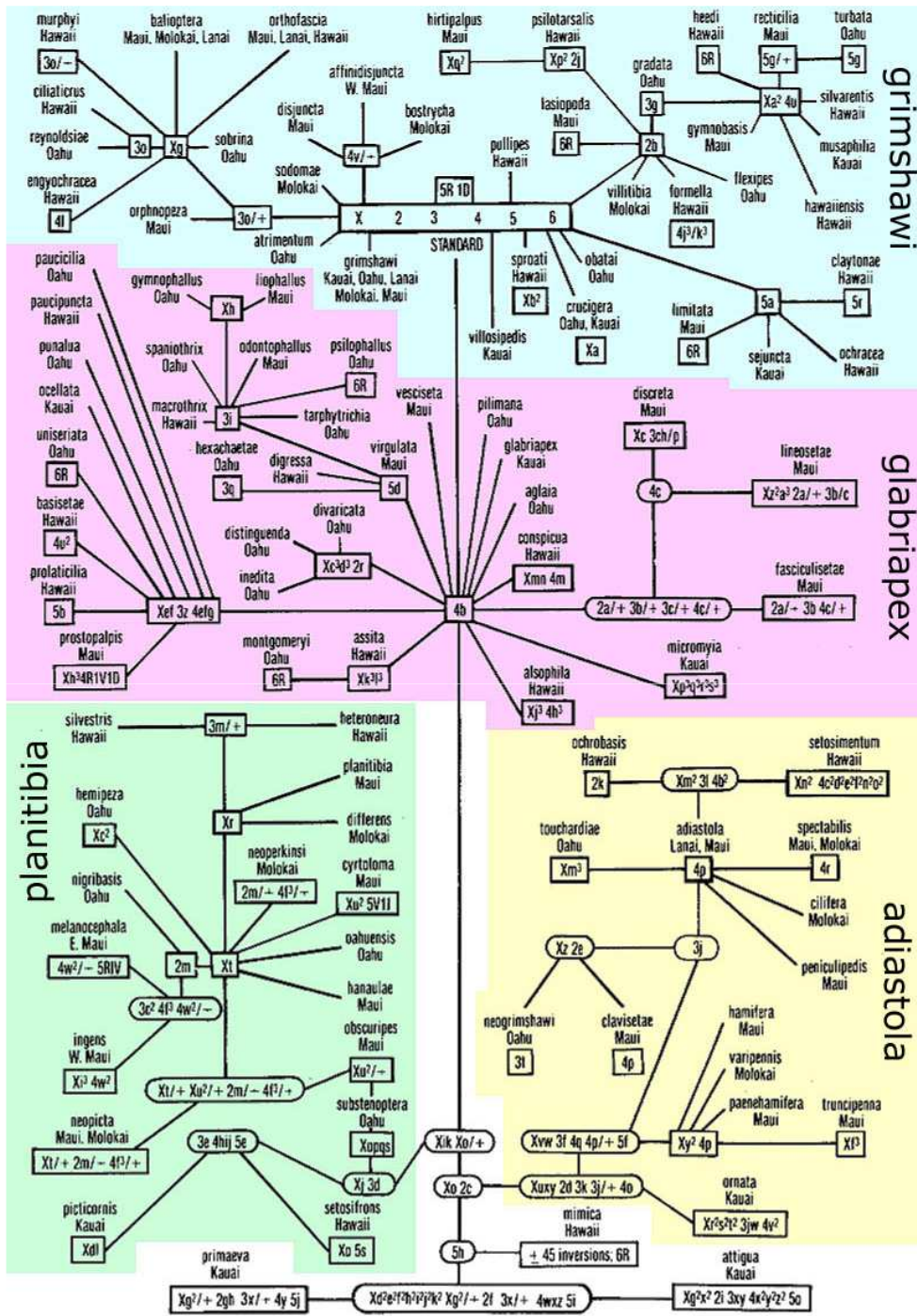


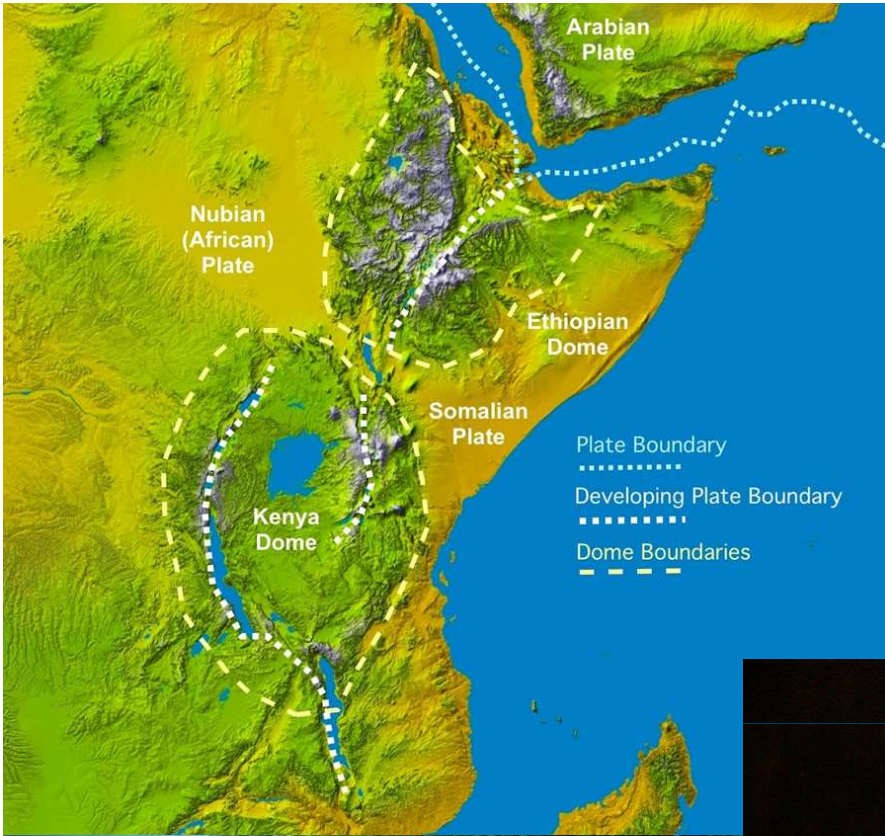
Gradualismus, Punktualismus



Hawaifinken (Drepanidinae)







rock
scraper

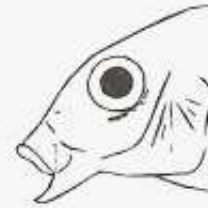
invertebrate
picker

invertebrateeater
fleshylips

digger

mollusc
crusher

Lake
Malawi



Lake
Tanganyika



zooplankton
feeder

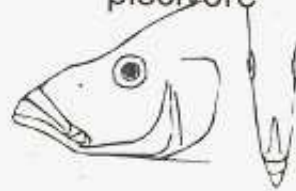
pursuit-hunting
piscivore

ambush-hunting
piscivore

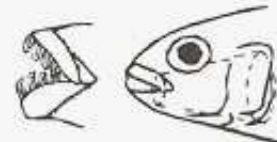
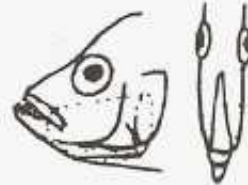
scale-eater

plant-eater

Lake
Malawi



Lake
Tanganyika



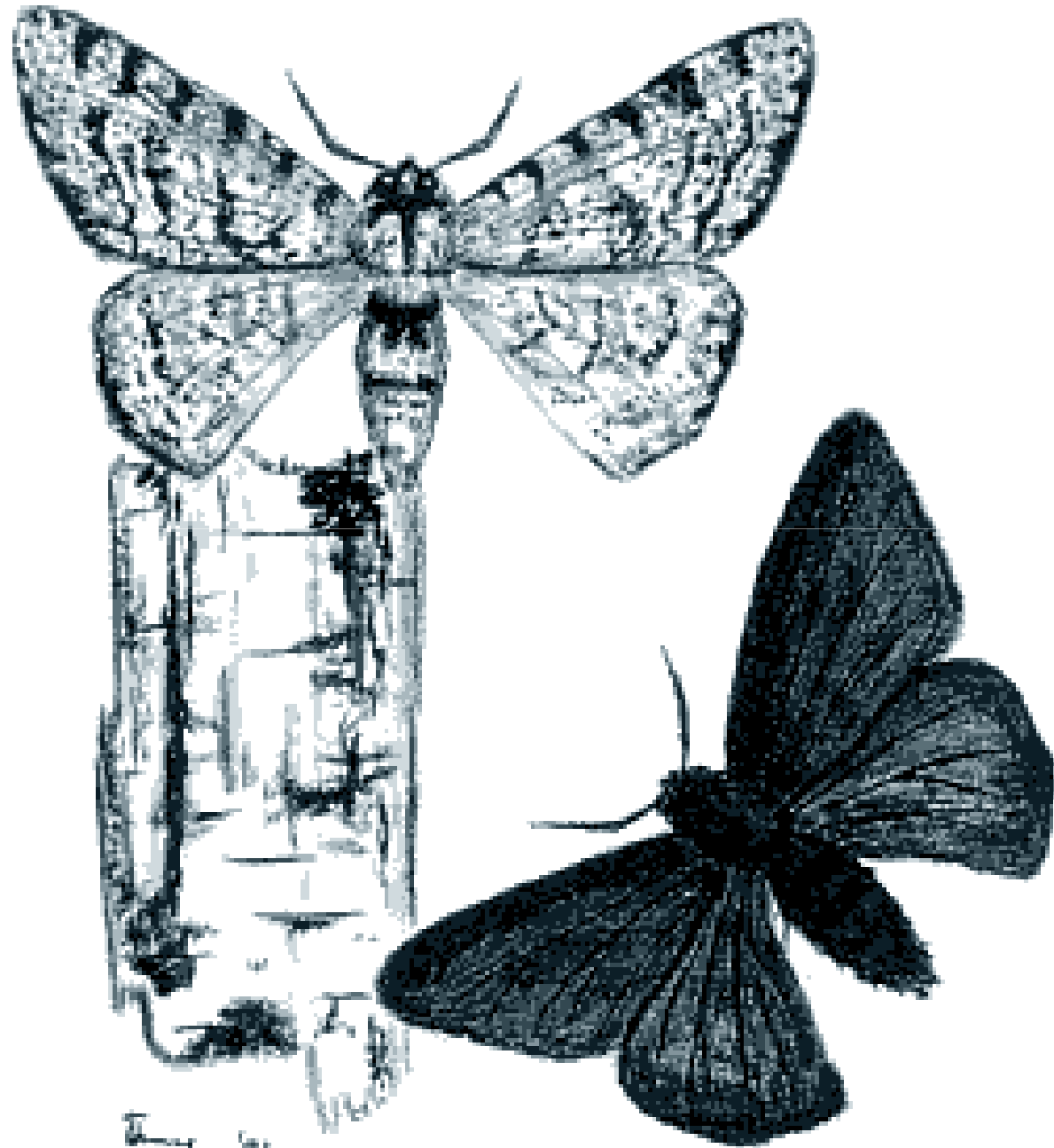
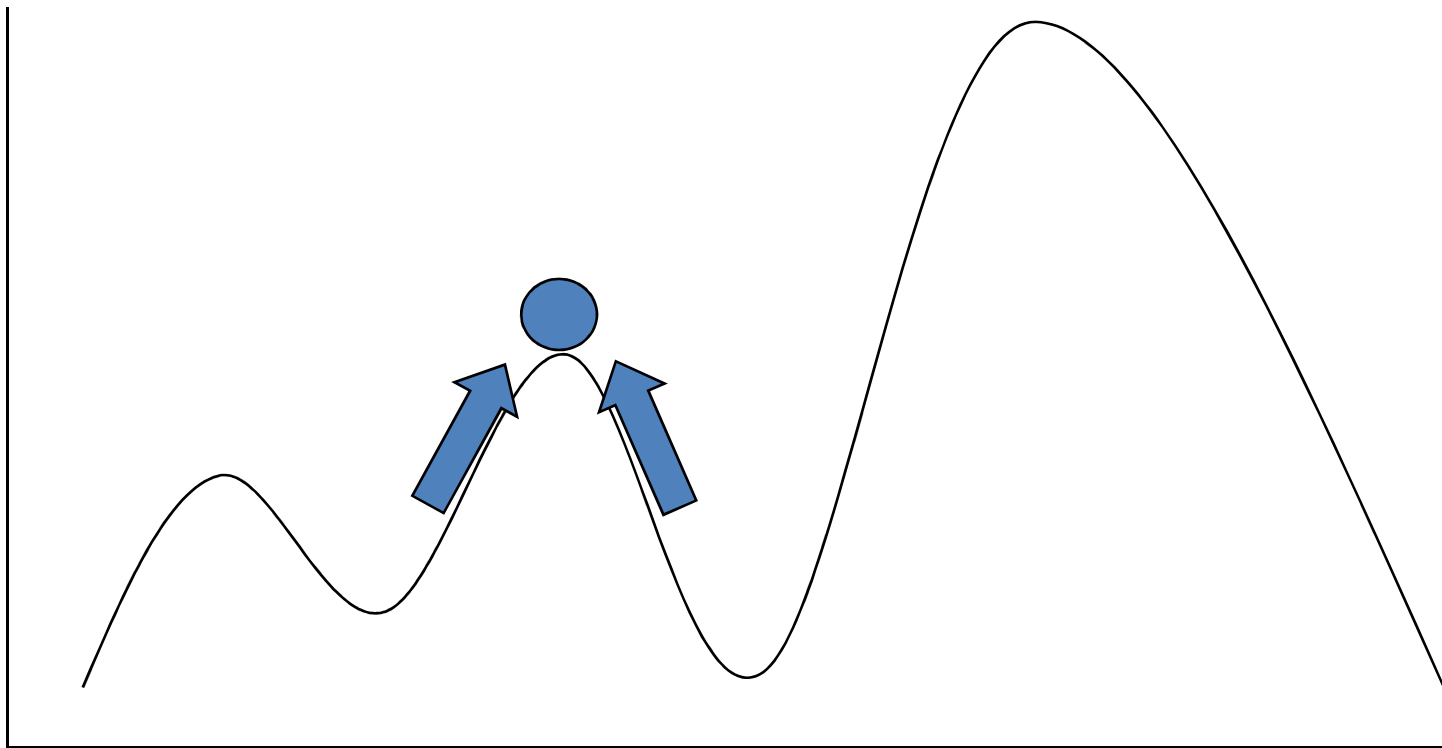
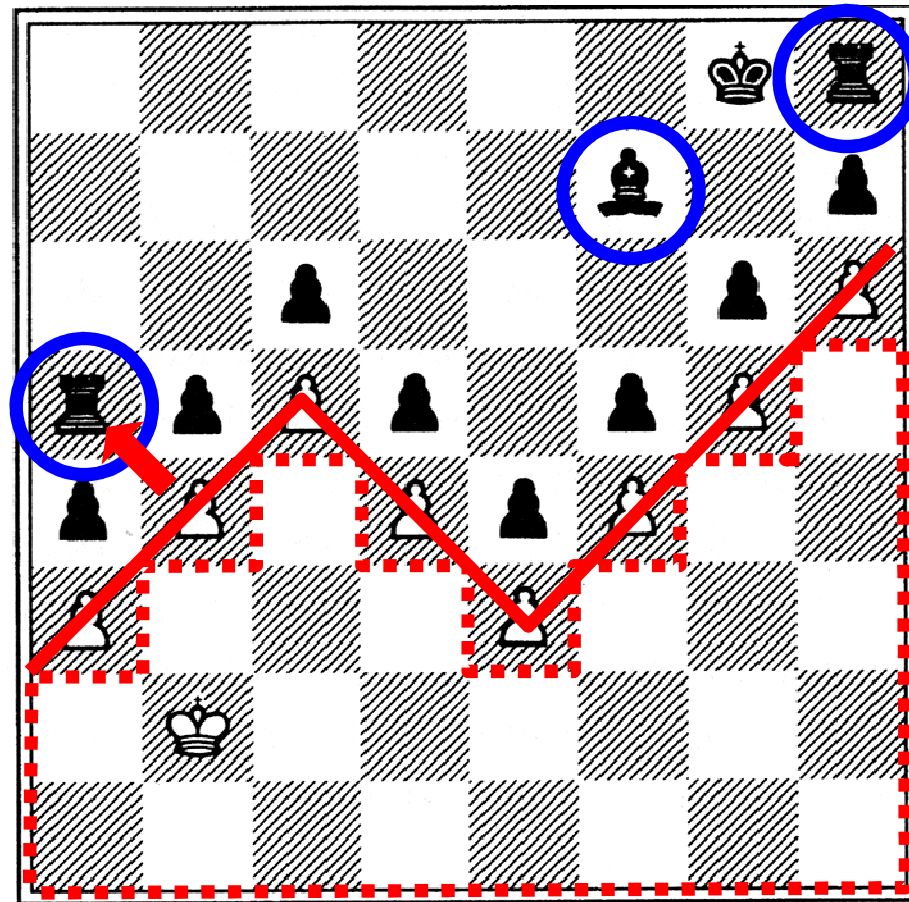


Fig. 81

„lokales Optimum“



„lokales Optimum“





3D Graph::2-Parameter Fitness Landscape:Edit Mission Objective

COLOR/GRAYSCALE
 Color Grayscale

SPECIFY PLOT
 Fitness Average Fitness Variability

SPECIFY GRAPH
 Surface Plot Density Plot

MISSION OBJECTIVE?

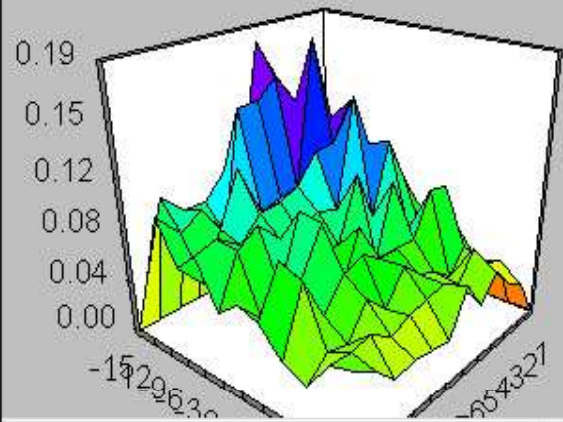
Weight	Use?	Mission Objective "Primitive"
1	<input type="checkbox"/>	Minimize Time to Enemy Flag
1	<input type="checkbox"/>	Minimize Friendly Casualties
1	<input type="checkbox"/>	Maximize Enemy Casualties
1	<input type="checkbox"/>	Maximize Friendly-to-Enemy Survival Ratio
1	<input type="checkbox"/>	Minimize Friendly Center-of-Mass Distance to Enemy Flag
1	<input type="checkbox"/>	Maximize Enemy Center-of-Mass Distance to Friendly Flag
1	<input type="checkbox"/>	Maximize Number of Friendly ISAACAs within Distance D of Enemy Flag
1	<input checked="" type="checkbox"/>	Minimize Number of Enemy ISAACAs within Distance D of Friendly Flag
1	<input type="checkbox"/>	Minimize Number of Fratricide "Hits" (on Friendly Side)
1	<input type="checkbox"/>	Maximize Number of Fratricide "Hits" (on Enemy Side)

OK

Cancel

Graph::Two-Parameter Fitness Landscape

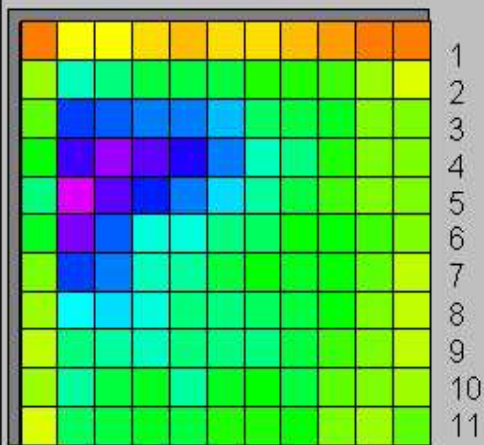
Minimize Number of Blue Forces Near Red Flag (f/ave)



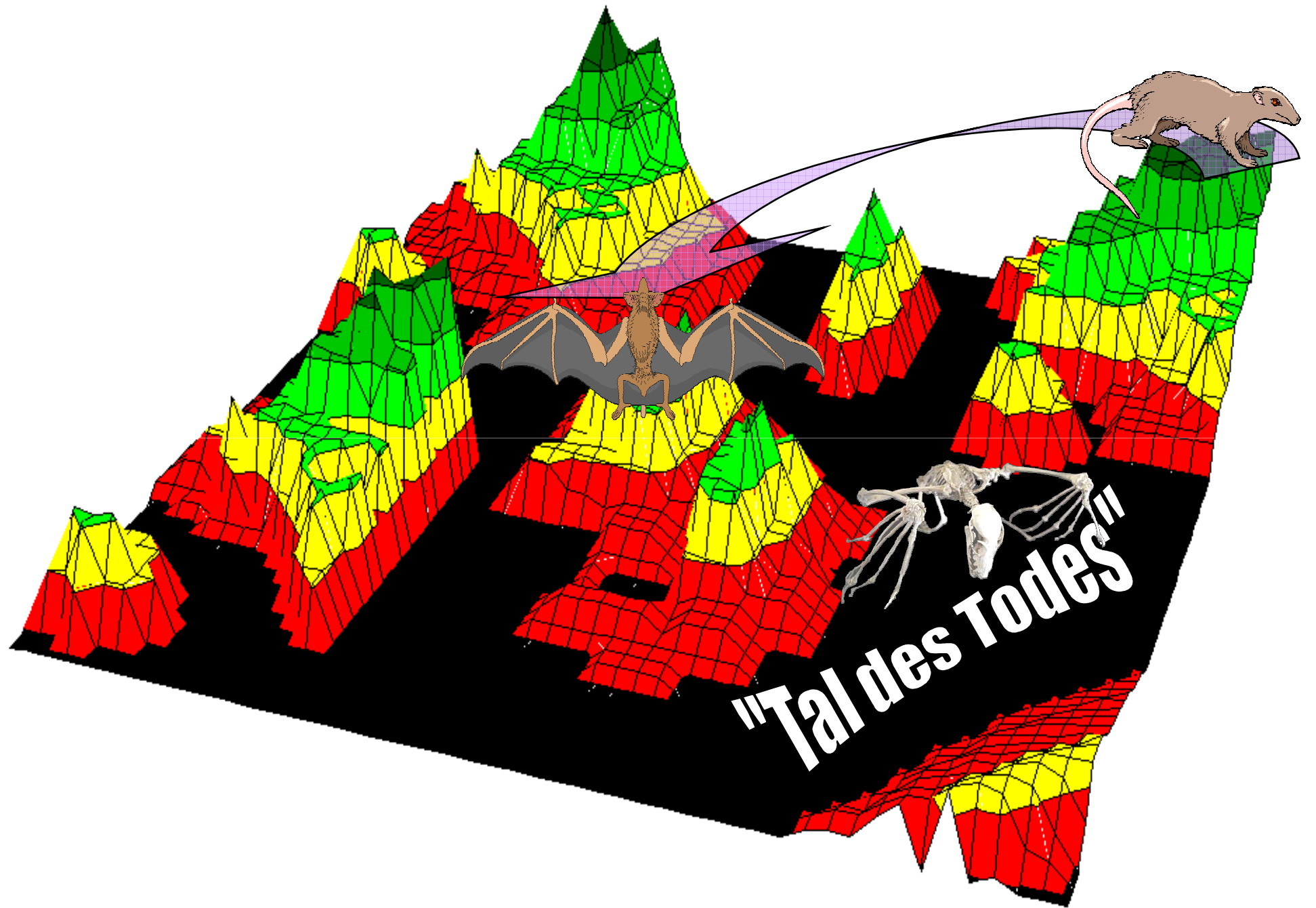
ALIVE RS

Graph::Two-Parameter Fitness Landscape

Minimize Number of Blue Forces Near Red Flag (f/ave)



ALIVE RS



"Tal des Todes"





Drawn from Nature in color by J. Macdonald Darwin

Printed by C. Bulmer & Co.

- | | |
|------------------------------|-------------------------------------|
| 1. <i>Bombina orientalis</i> | } 1a. Mag. View of Tongue & Gullet. |
| 2. <i>Gryllus</i> | |
| 3. <i>Rana maculosa</i> | } Nat. Size. |
| 4. <i>elegans</i> | |
| 5. <i>bufoninum</i> | |











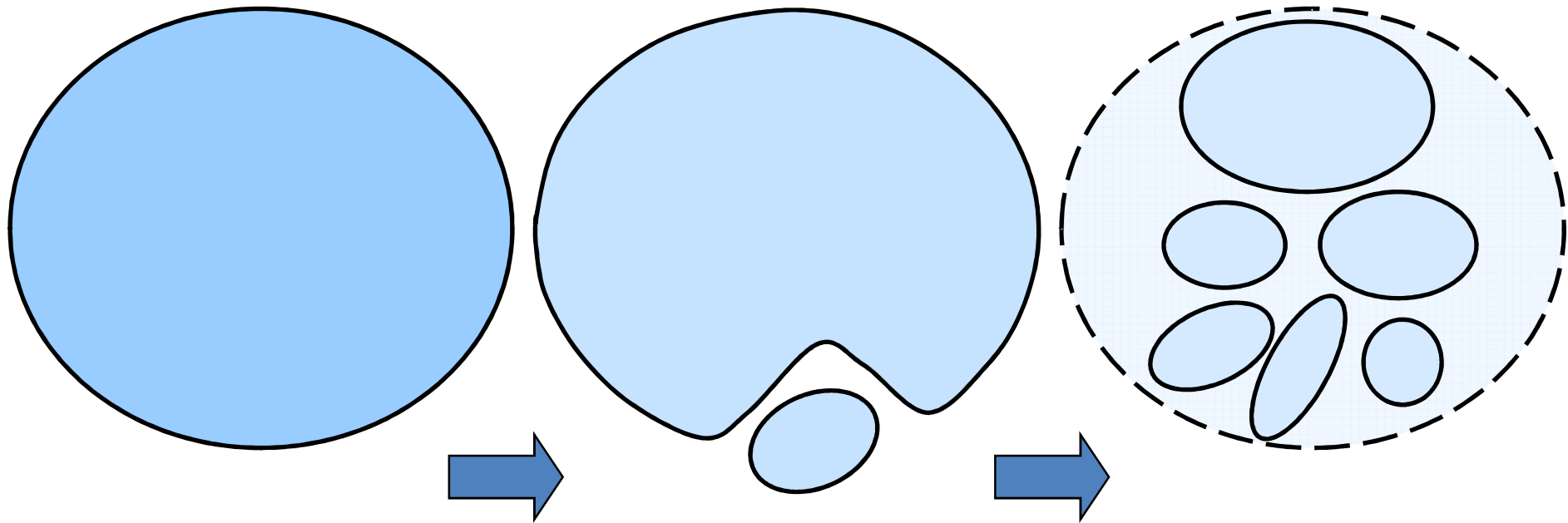








Entstehung neuer biologischer Arten innerhalb eines erschaffenen Grundtyps

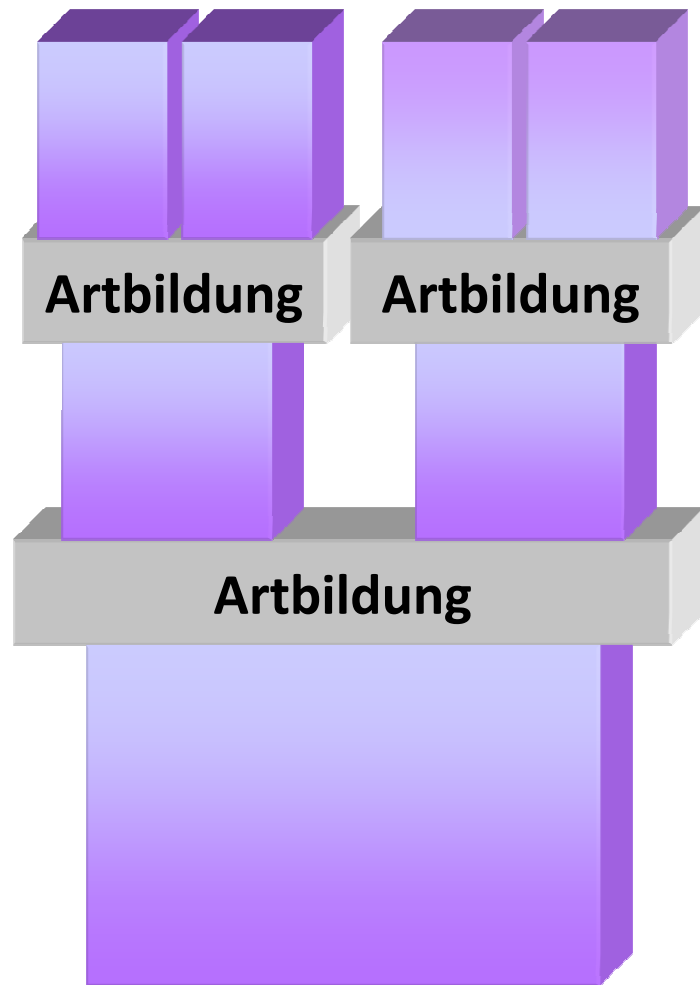


Erschaffener Grundtyp

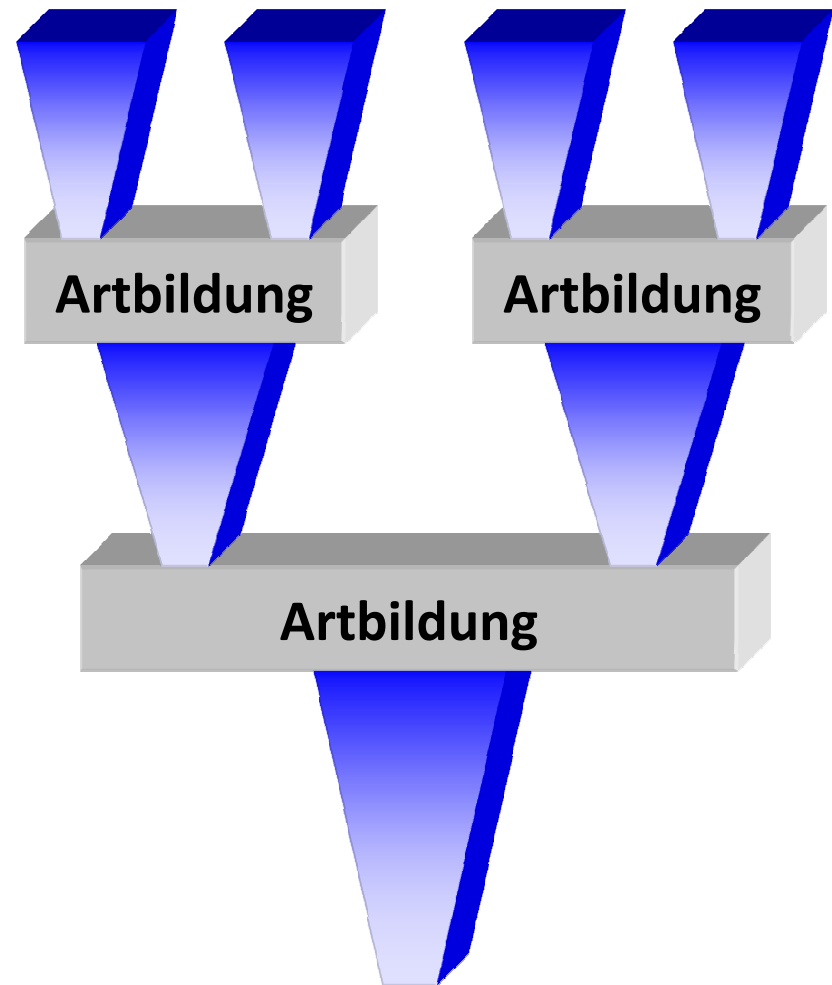
Abspaltung einer Art

Aufspaltung in viele Arten
innerhalb der Grenzen des
erschaffenen Grundtyps

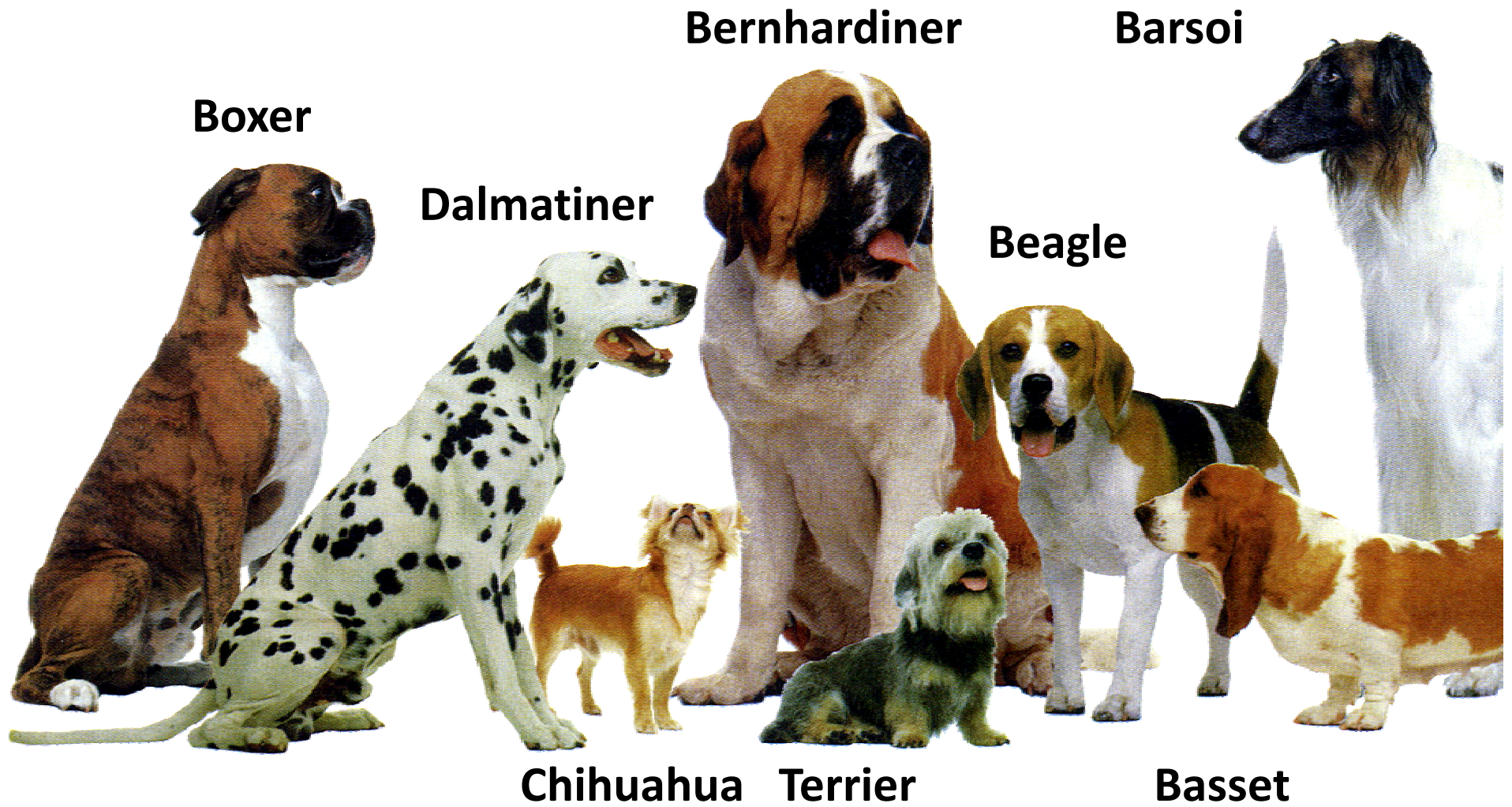
Schöpfung



Evolution







Boxer

Dalmatiner

Chihuahua

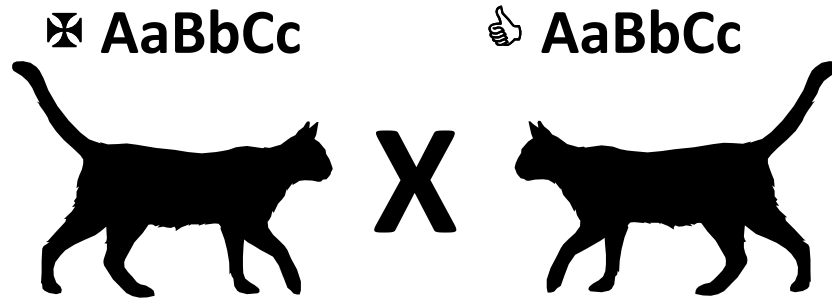
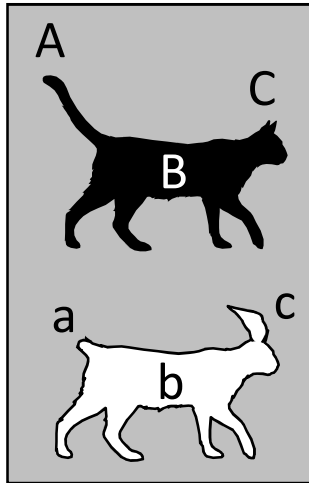
Bernhardiner

Terrier

Beagle

Barsoi

Basset

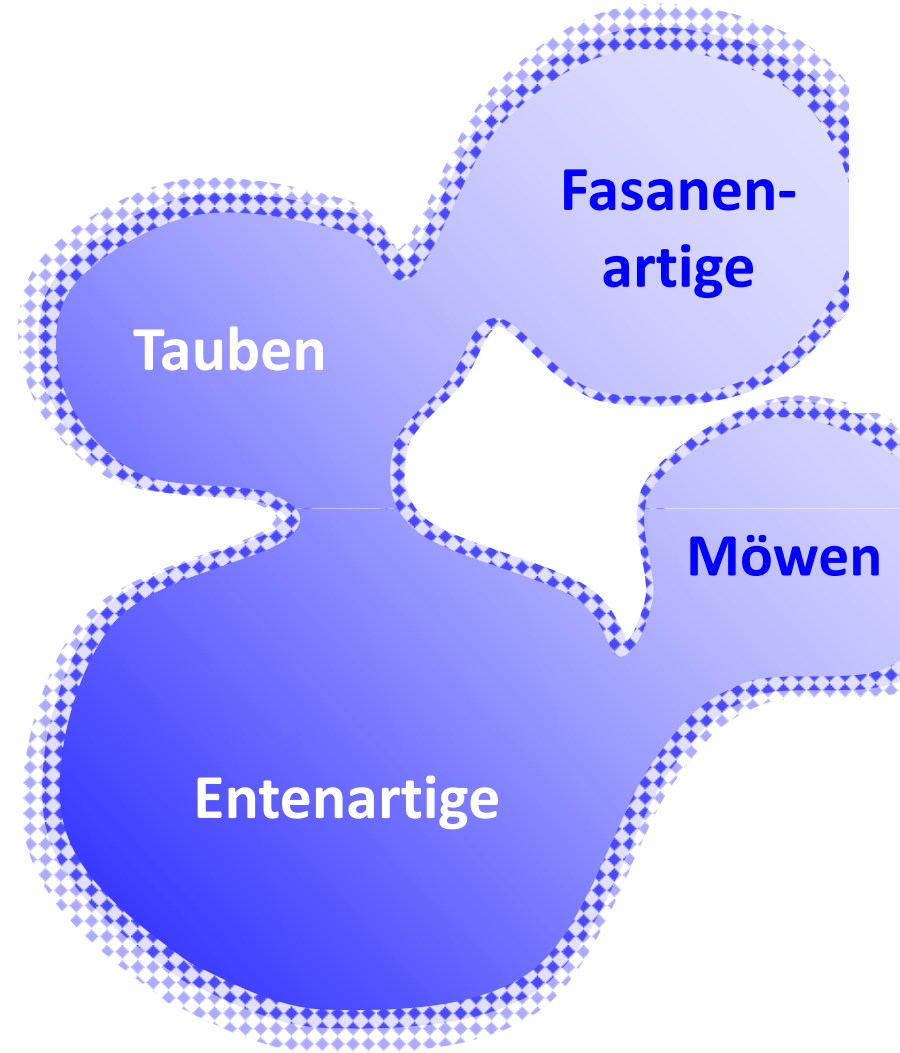
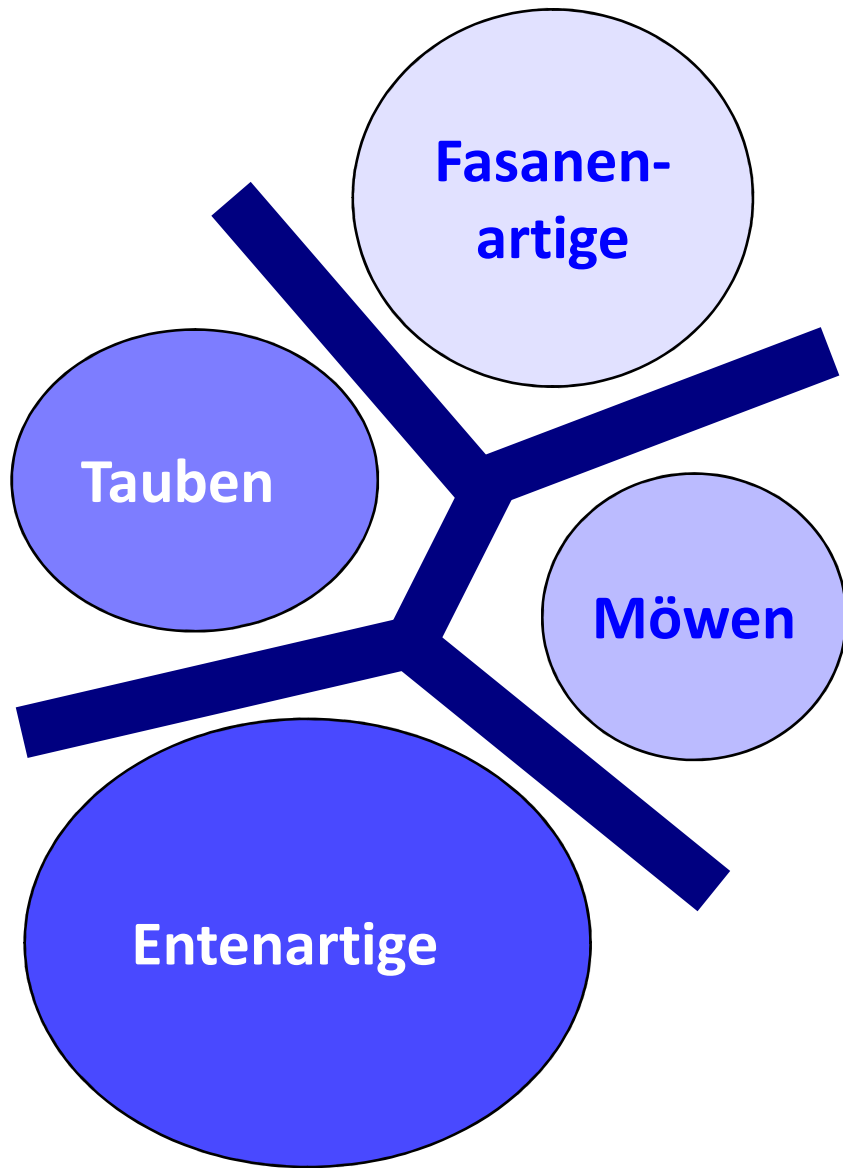


ABC ABc AbC Abc aBC aBc abC abc

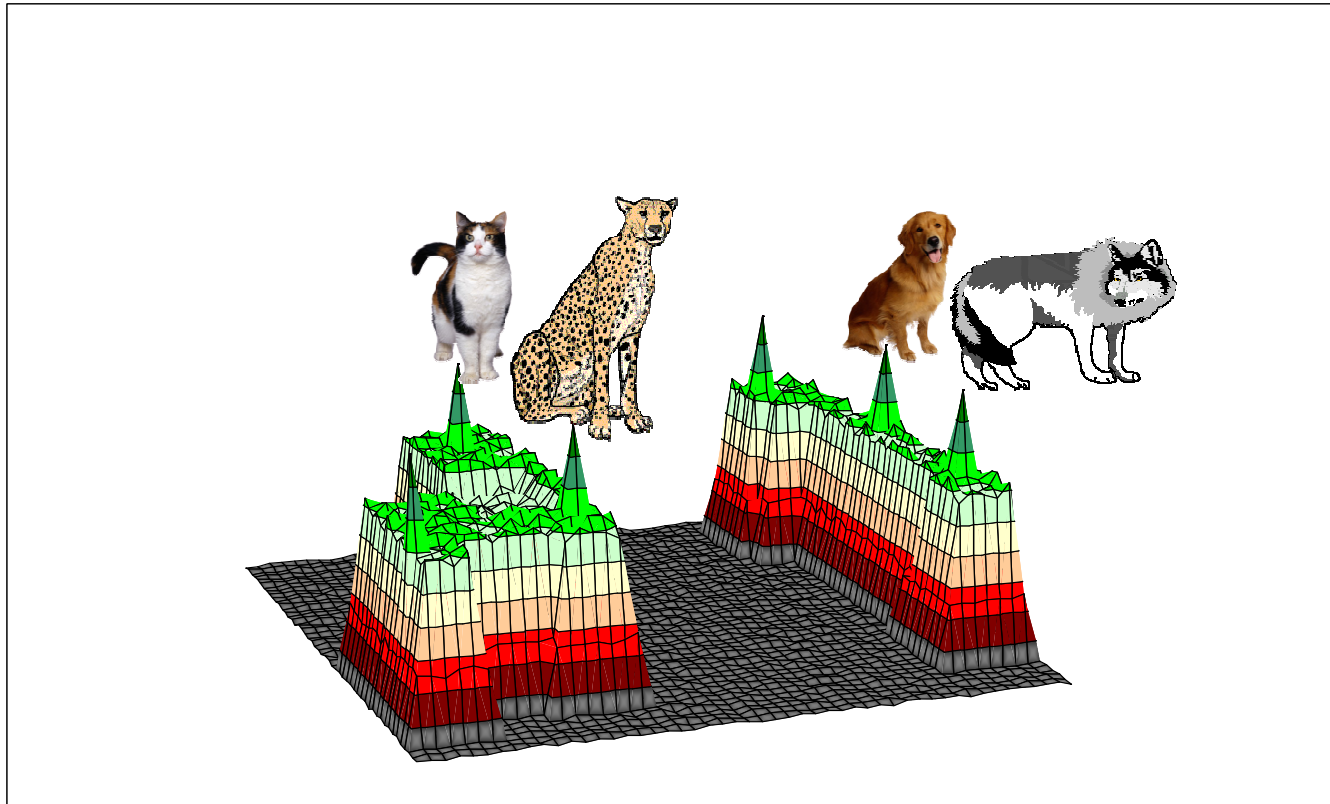
- A = langer Schwanz
- a = kurzer Schwanz
- B = schwarzes Fell
- b = weißes Fell
- C = kleine Spitzohren
- c = große Löffelohren

ABC	<u>AABBCC</u>	<u>AABBcc</u>	<u>AABbCC</u>	<u>AABbCc</u>	<u>AaBBCC</u>	<u>ABCaBc</u>	<u>AaBbCC</u>	<u>AaBbCc</u>
ABc	<u>AABBcc</u>	<u>AABBcc</u>	<u>AABbCC</u>	<u>AABbcc</u>	<u>AaBBCC</u>	<u>AaBBcc</u>	<u>AaBbCc</u>	<u>AaBbcc</u>
AbC	<u>AABbCC</u>	<u>AABbCc</u>	<u>AAbbCC</u>	<u>AAbbCc</u>	<u>AaBbCC</u>	<u>AaBbCc</u>	<u>AabbCC</u>	<u>AabbCc</u>
Abc	<u>AABbCc</u>	<u>AABbcc</u>	<u>AAbbCc</u>	<u>AAbbcc</u>	<u>AaBbCc</u>	<u>AaBbcc</u>	<u>AabbCc</u>	<u>Aabbcc</u>
aBC	<u>AaBBCC</u>	<u>AaBBcc</u>	<u>AaBbCC</u>	<u>AaBbCc</u>	<u>aaBBCC</u>	<u>aaBBcc</u>	<u>aaBbCC</u>	<u>aaBbCc</u>
aBc	<u>AaBBcc</u>	<u>AaBBcc</u>	<u>AaBbCc</u>	<u>AaBbcc</u>	<u>aaBBcc</u>	<u>aaBBcc</u>	<u>aaBbCc</u>	<u>aaBbcc</u>
abC	<u>AaBbCC</u>	<u>AaBbCc</u>	<u>AabbCC</u>	<u>AabbCc</u>	<u>aaBbCC</u>	<u>aaBbCc</u>	<u>aabbCC</u>	<u>aabbCc</u>
abc	<u>AaBbCc</u>	<u>AaBbcc</u>	<u>AabbCc</u>	<u>Aabbcc</u>	<u>aaBbCc</u>	<u>aaBbcc</u>	<u>aabbCc</u>	<u>aabbcc</u>

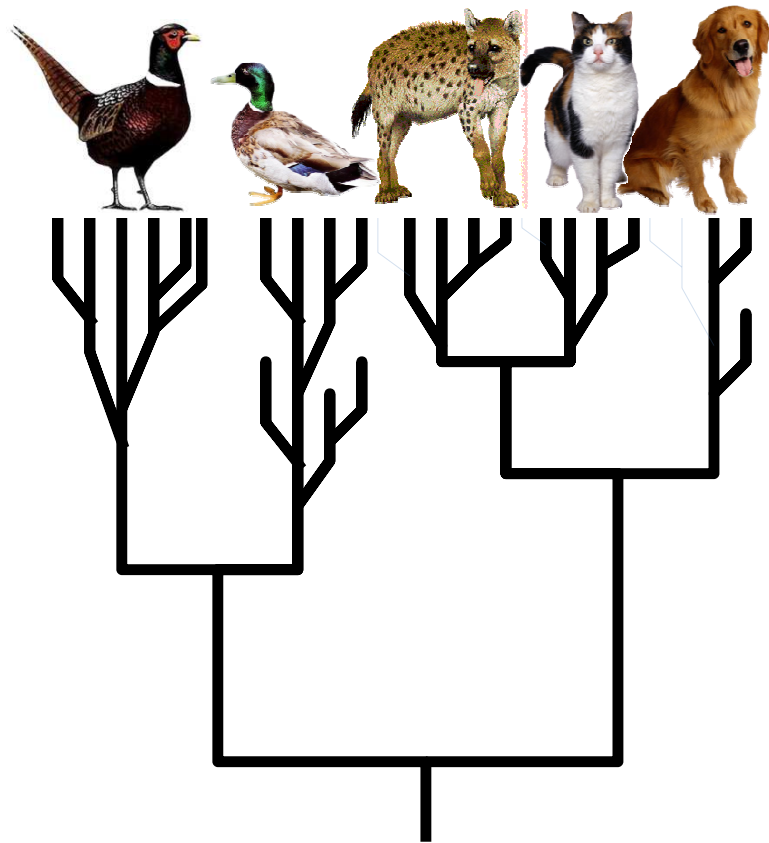
	27 x
	9 x
	9 x
	9 x
	3 x
	3 x
	3 x
	1 x



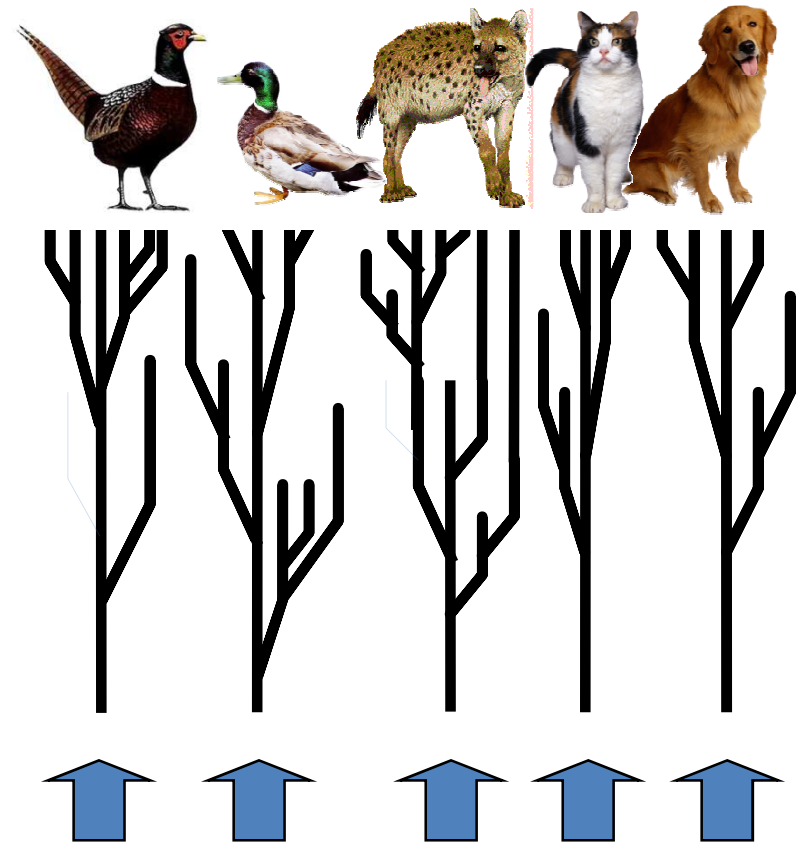
Grundtypen



Evolution



Schöpfung





Was ich nicht fangen

kann, ist kein Fisch!