

# Biodiverzita v chove HZ

Ochrana biodiverzity:  
jeden z cieľov UR aj EP

# Diversity of Animal Genetic Resources



[Food and Agriculture Organization of the United Nations](http://www.fao.org)



Diversity of Animal Genetic Resources, YouTube

- Definícia pojmu biodiverzity
- Zdroje biodiverzity
- Stav biodiverzity HZ
- Ochrana biodiverzity HZ

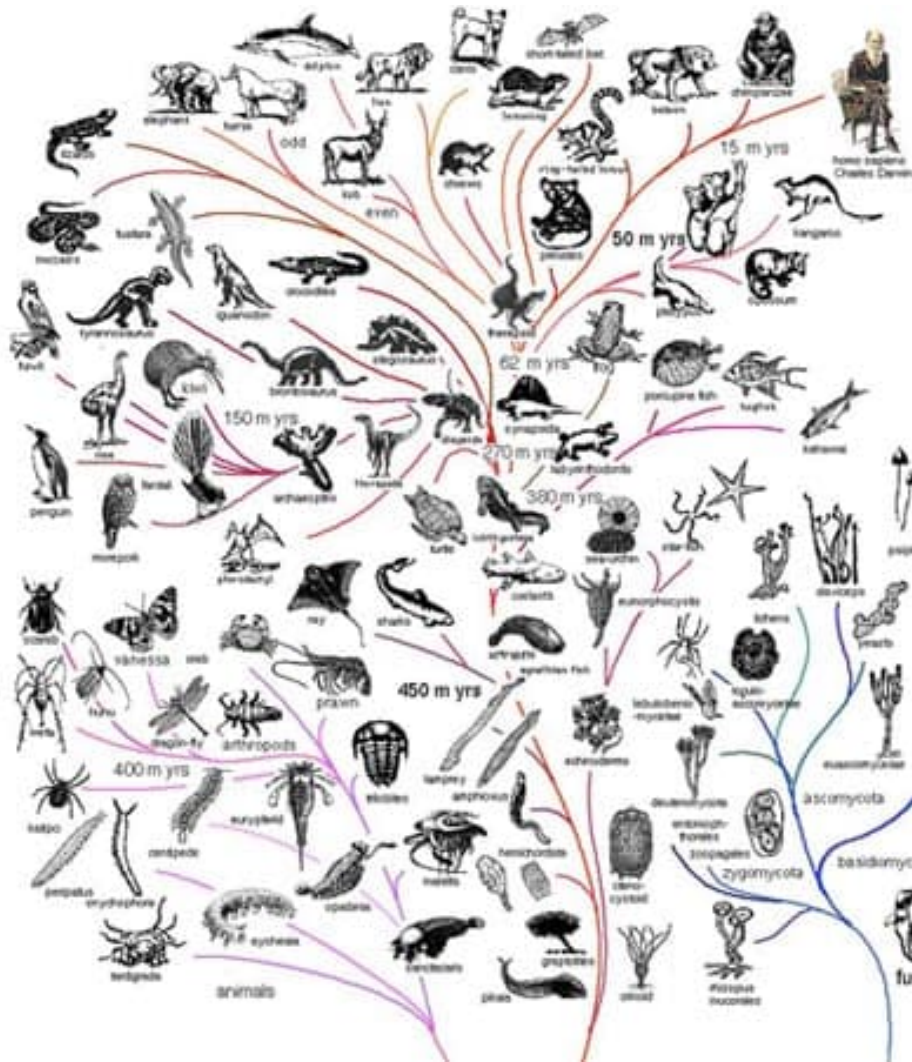
# Biodiverzita

rozmanitosť, variabilita

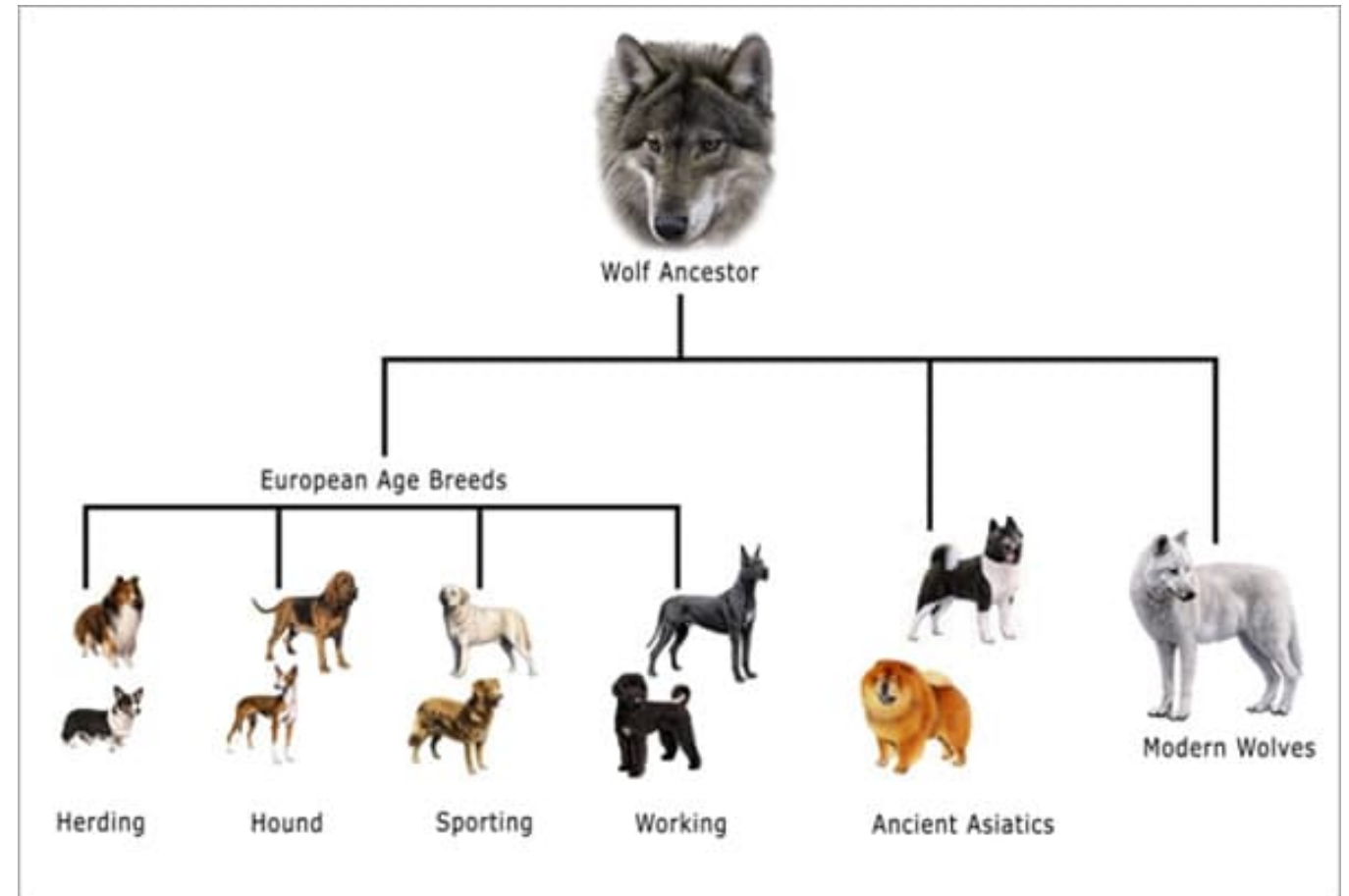
- 1968  
Raymond F. Dasmann – biological diversity prvé použitie
- 1980  
Thomas Loweloy & Norse a Manuc: používanie biological diversity presadzujú vo vedeckej komunitě (dovtedy natural diversity)
- 1985  
Walter G. Rosen – vytvoril slovo „biodiverzita“
- 1988  
Wilson prvý krát použil v publikácii slovo biodiverzita

# Biodiverzita

## Druhová diverzita



## Genetická diverzita



# Druhová diverzita

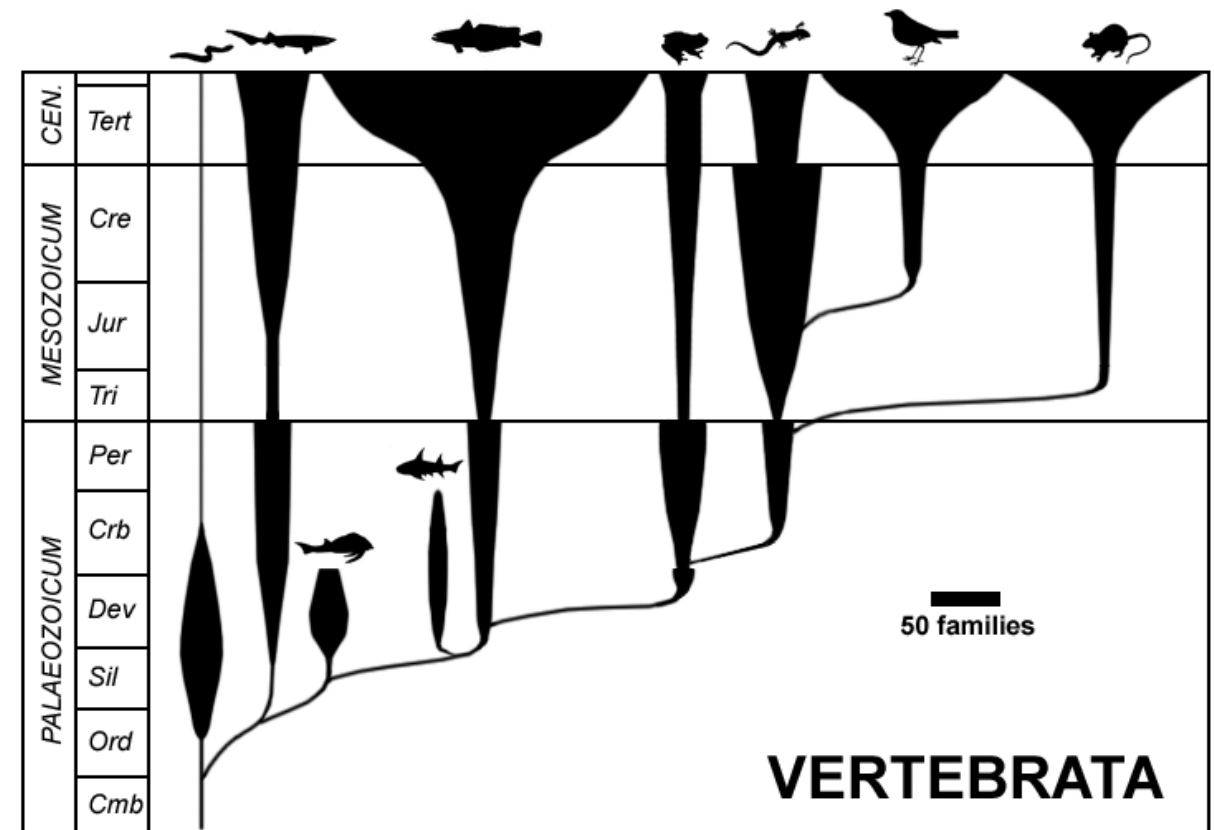
- 17 000 000 identifikovaných druhov organizmov
- 3 000 0000 – 30 000 000 druhov ešte nebolo popísaných



Bonusom biodiverzity navyše je nami možno automaticky ponímaná pestrosť a farebnosť života okolo nás, možnosť uniknúť z reality veľkomesta a civilizácie do prírody.

Zdroj: [http://www.lesoprojekt.sk/lesop\\_sub/popularne/clanky/biodiverzita.html](http://www.lesoprojekt.sk/lesop_sub/popularne/clanky/biodiverzita.html)

Saola (*Pseudoryx nghetinhensis*)  
<https://www.worldwildlife.org/species/saola>



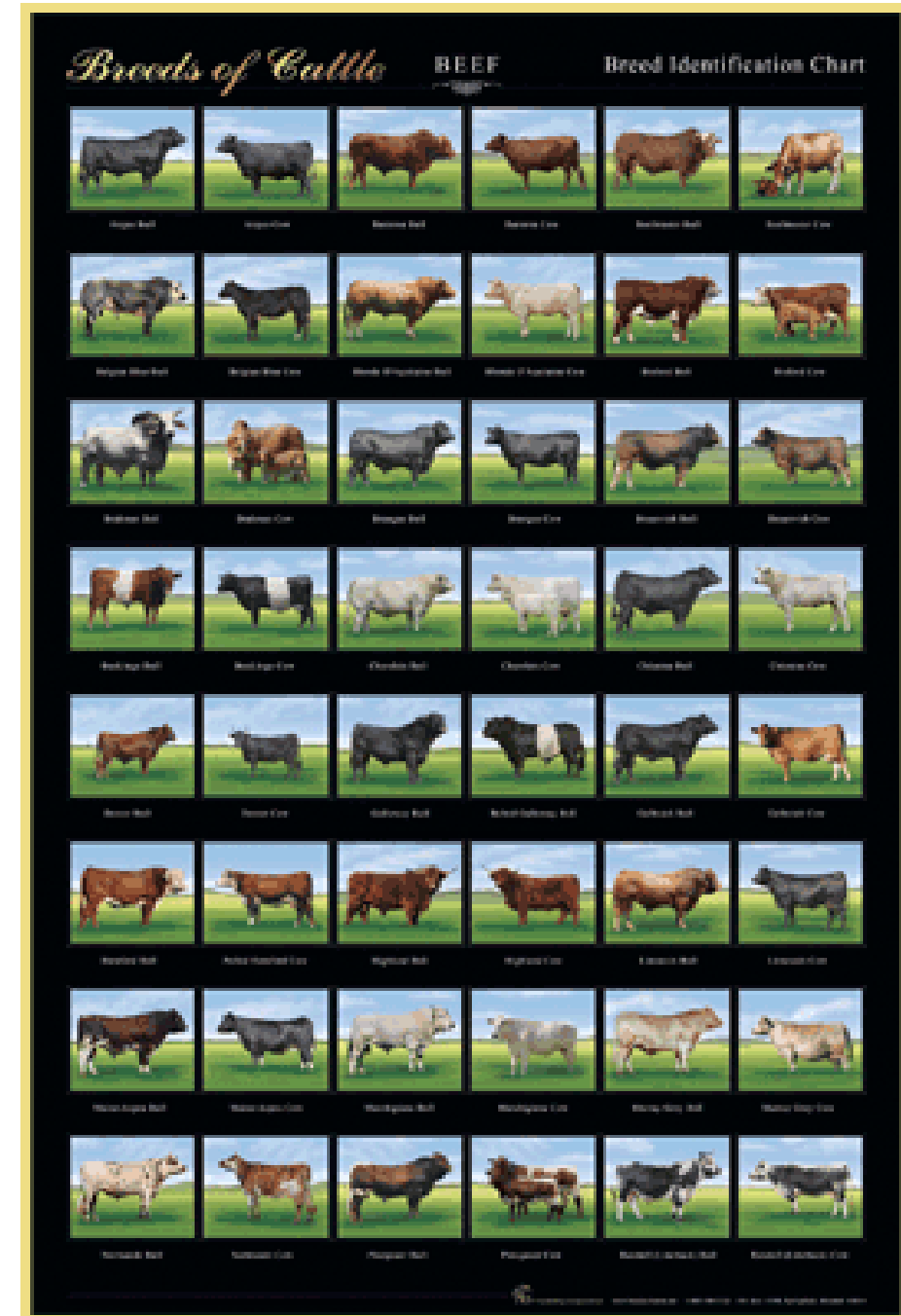
[http://en.wikipedia.org/wiki/File:Spindle\\_diagram.jpg](http://en.wikipedia.org/wiki/File:Spindle_diagram.jpg)

# Genetická diverzita

Genetická diverzita je osobitne dôležitá v prípade domestikovaných druhov rastlín a živočíchov a ich divorastúcich a divožijúcich príbuzných.

Šľachtenie nových foriem poľnohospodársky významných plodín rezistentných voči ich hlavným škodcom ako aj hospodárskych zvierat kľúčovým spôsobom závisí od existencie novej genetickej variability, ktorej zdrojom sú ich v prírode sa voľne vyskytujúci príbuzní a tisícky vyšľachtených variet pestovaných po celom svete.

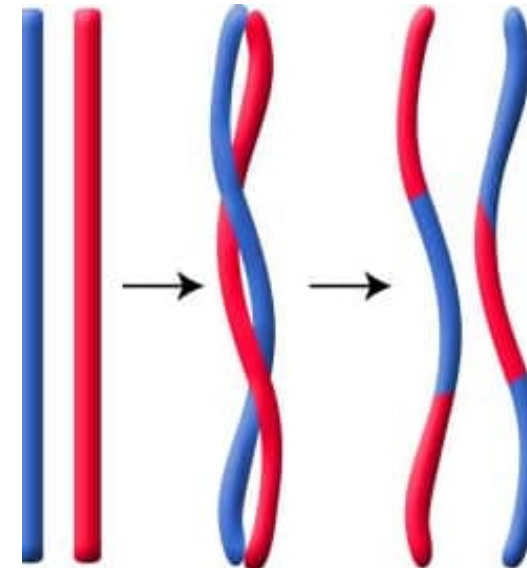
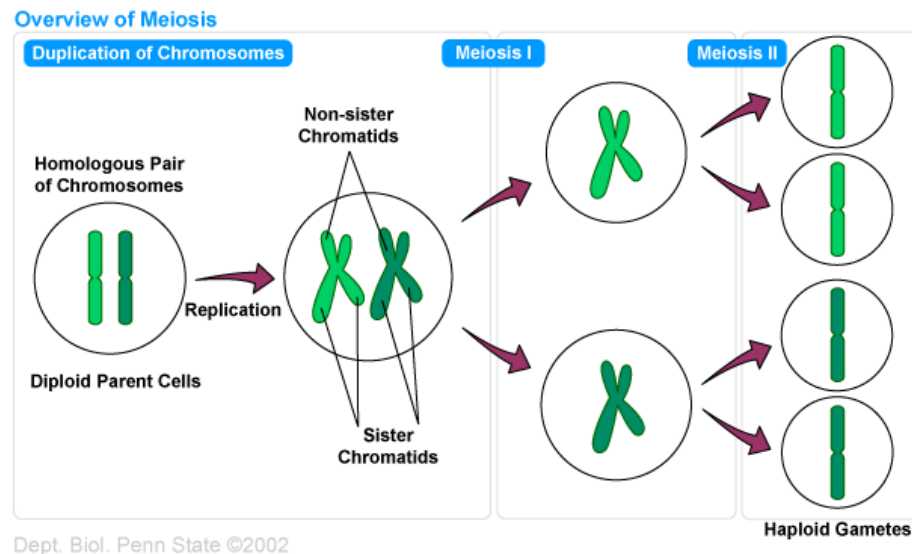
Epidémia nákazy kukurice (*southern corn leaf blight*), ktorá v USA v roku 1970 zničila takmer 15 % úrody kukurice a predstavovala najvyššiu ročne vyčíslenú stratu pre konkrétnu plodinu v celej histórii novodobého amerického poľnohospodárstva, bola len dôsledkom nedostatočnej genetickej diverzity odrôd kukurice pestovaných v USA.



# Zdroje diverzity

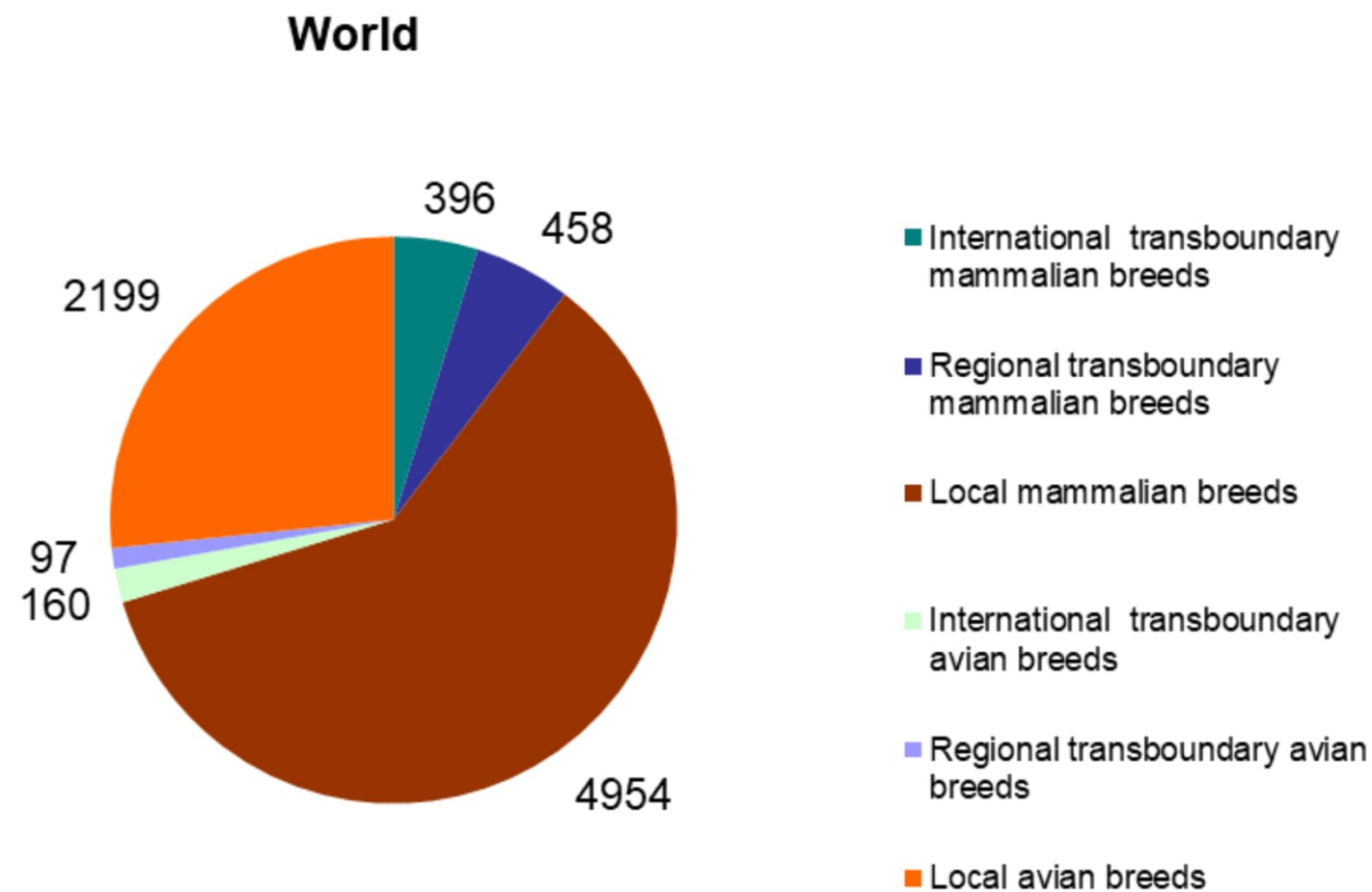
pohlavnosť a pohlavné rozmnožovanie

1. segregácia vlôh do gamét počas redukčného delenia
2. rekombinácia - crossing over
3. mutácie DNA (génové), chromozómové (aberácie), genomové (n)





# Stav biodiverzity HZ - 2022



# Stav biodiverzity HZ

Cicavce – počty evidovaných lokálních plemien

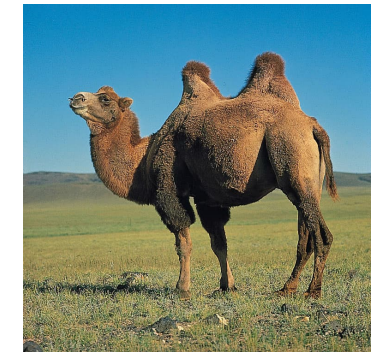


[https://en.wikipedia.org/wiki/Guinea\\_pig#/media/File:George\\_the\\_amazing\\_guinea\\_pig.jpg](https://en.wikipedia.org/wiki/Guinea_pig#/media/File:George_the_amazing_guinea_pig.jpg)



[https://agritech.tnau.ac.in/ta/animal\\_husbandry/animhus\\_buffalo%20breeds.html](https://agritech.tnau.ac.in/ta/animal_husbandry/animhus_buffalo%20breeds.html)

Species	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	Southwest Pacific	World
Ass	24	42	48	24	13	6	3	160
Bactrian camel		12	3					15
Buffalo	3	97	8	9	5	1	2	125
Cattle	193	262	379	138	31	14	32	1049
Dromedary	49	15	1		28		2	95
Goat	100	203	207	37	36	7	11	601
Guinea pig	4			13				17
Horse	52	137	374	71	16	25	25	700
Pig	55	232	194	58	1	10	16	566
Rabbit	11	16	246	14	7	8		302
Sheep	102	269	602	62	49	21	38	1143
Yak		29	2			1		32
Others	8	20	90	17		6	8	149
<b>Total</b>	<b>601</b>	<b>1334</b>	<b>2154</b>	<b>443</b>	<b>186</b>	<b>99</b>	<b>137</b>	<b>4954</b>



Encyclopædia Britannica,  
<https://www.britannica.com/animal/Bactrian-camel#/media/1/48359/9156>



Autor: Jjron – Vlastné dielo, CC BY-SA 3.0,  
<https://commons.wikimedia.org/w/index.php?curid=2831408>

# Stav biodiverzity HZ

Hydina – počty evidovaných lokálnych plemien



CC BY-SA 3.0,  
<https://commons.wikimedia.org/w/index.php?curid=117668>

Species	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	Southwest Pacific	World
Chicken	138	326	802	62	33	11	37	1409
Duck	16	101	111	20	3	1	12	264
Goose	10	44	118	5	2		2	181
Muscovy duck	4	8	6	1	1		2	22
Pigeon	7	13	42	7	8	1	2	80
Quail	3	23	19	4				49
Turkey	11	11	46	9	2	8	5	92
Others	44	24	24	7	2		1	102
<b>Total</b>	<b>233</b>	<b>550</b>	<b>1168</b>	<b>115</b>	<b>51</b>	<b>21</b>	<b>61</b>	<b>2199</b>



<http://casopischovatel.sk/clanok/pre-pelica-japonska-zdrave-vajcia-a-maso-519>

# Stav biodiverzity HZ

Cicavce – počty evidovaných cezhranične chovaných plemien v regiónoch

Species	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	Southwest Pacific	World
American Bison			1					1
Ass	4	3	3	1	0	0	0	11
Buffalo	1	8	1	1				11
Cattle	41	18	30	10	1	3	2	105
Deer		1	1					2
Dog			2					2
Dromedary	1	1						2
Goat	14	12	15	2	1	4	1	49
Guinea pig				1				1
Horse	9	10	36	6		4		65
Pig	3	2	14	4		2		25
Rabbit	4		32	1				37
Sheep	26	15	81	9	4	4	6	145
South American camelids				2				2
<b>Total</b>	<b>103</b>	<b>70</b>	<b>216</b>	<b>37</b>	<b>6</b>	<b>17</b>	<b>9</b>	<b>458</b>

# Stav biodiverzity HZ

Hydina – počty evidovaných cezhranične chovaných plemien v regiónoch

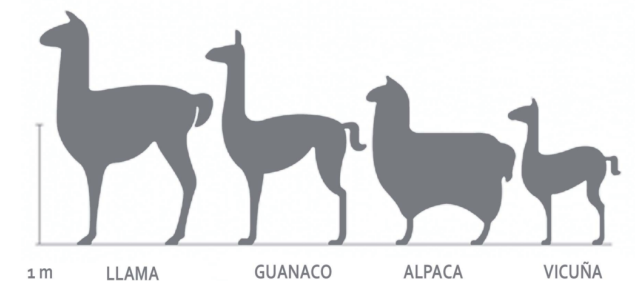
Species	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	Southwest Pacific	World
Chicken	12	2	41	1		1	2	59
Duck		2	13					15
Duck x Muscovy duck	1							1
Goose		2	7					9
Guinea fowl				1				1
Ostrich	1							1
Pigeon			2					2
Quail		1						1
Turkey			7			1		8
<b>Total</b>	<b>14</b>	<b>7</b>	<b>70</b>	<b>2</b>		<b>2</b>	<b>2</b>	<b>97</b>

# Stav biodiverzity HZ

Cicavce – počty evidovaných celosvetovo chovaných plemien

Species	Number of breeds
Ass	5
Bactrian camel	2
Buffalo	4
Cattle	110
Deer	9
Dromedary	2
Goat	38
Horse	68
Pig	34
Rabbit	25
Sheep	96
South American camelids	3
<b>Total</b>	<b>396</b>

## Size Comparison



<https://tambotravel.com/blog/are-there-camels-in-south-america/>

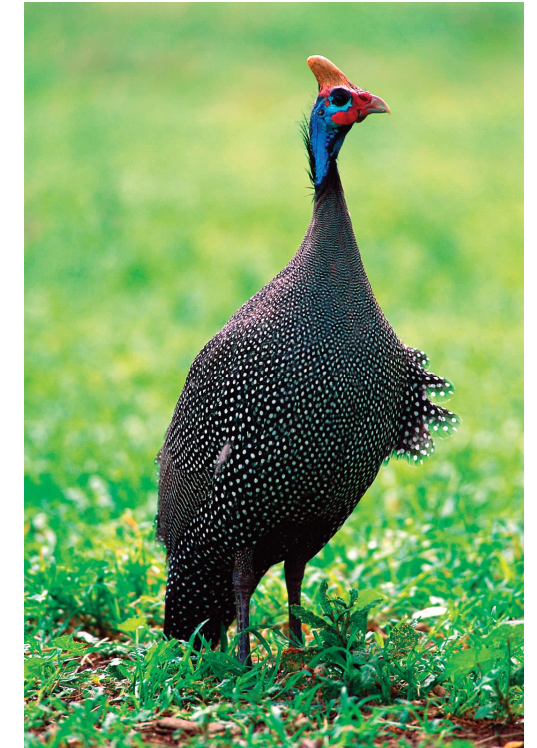
# Stav biodiverzity HZ

Hydina – počty evidovaných celosvetovo chovaných plemien



[https://upload.wikimedia.org/wikipedia/commons/5/54/Southern\\_Cassowary\\_7071.jpg](https://upload.wikimedia.org/wikipedia/commons/5/54/Southern_Cassowary_7071.jpg)

Species	Total
Cassowary	1
Chicken	107
Duck (domestic)	12
Emu	1
Goose (domestic)	14
Guinea fowl	4
Muscovy duck	1
Ostrich	3
Pigeon	1
Turkey	16
<b>Total</b>	<b>160</b>



Encyclopædia Britannica,  
<https://www.britannica.com/animal/helmet-guinea-fowl#/media/1/260495/100884>

# Hodnotenie biodiverzity HZ (FAO)

**Vymreté (Extinct)** indicates that it is no longer possible to recreate the breed population. Extinction is absolute when there are no breeding males (semen), breeding females (oocytes), nor embryos remaining.

**Kritické (Critical)** indicates that the total number of breeding females is less than 100, or the total number of breeding males is less than or equal to five, or the overall population size is close to, but slightly above 100 and decreasing, and the percentage of pure-bred females is below 80 percent.

**Ohrozené (Endangered)** indicates that: the total number of breeding females is between 100 and 1000; or the total number of breeding males is less than or equal to 20 and greater than five; or the overall population size is close to, but slightly above, 100 and increasing and the percentage of pure-bred females is above 80 percent; or the overall population size is close to, but slightly above 1000 and decreasing, and the percentage of pure-bred females is below 80 percent.

**"Critical-maintained"** and **"endangered-maintained"** indicate that breeds are being maintained by an active public conservation programme or within a commercial or research facility.

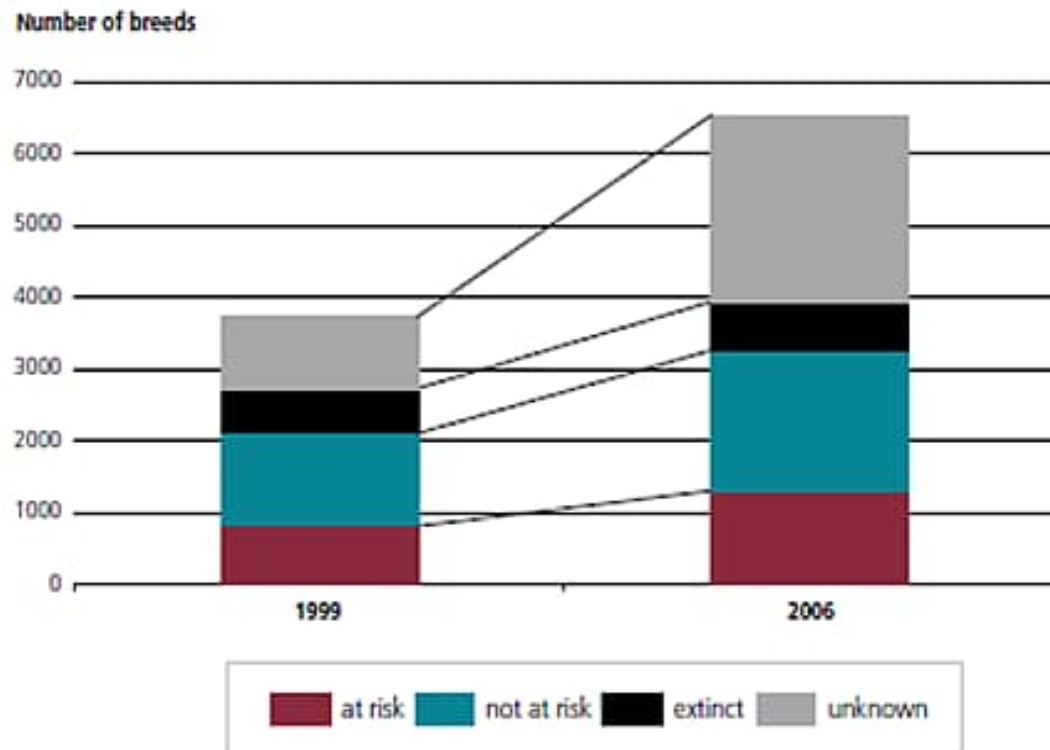
**Zraniteľné (Not at risk)** indicates breeds for which the total number of breeding females and males is greater than 1000 and 20 respectively; or the population size approaches 1000 and the percentage of pure-bred females is close to 100 percent, and the overall population size is increasing.

**Neznáme (Unknown)** covers breeds for which no data are available.

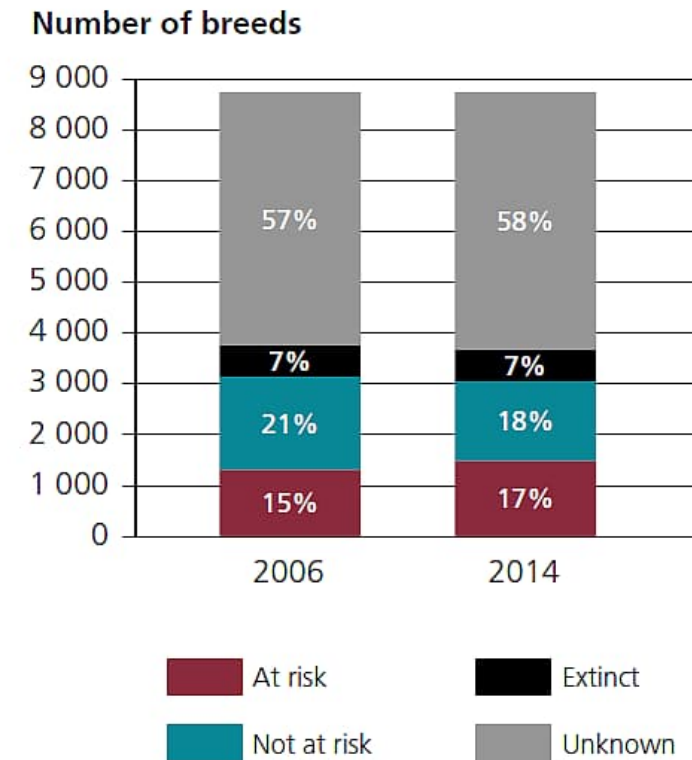


# Stav biodiverzity HZ 1999 - 2014

Changes in risk status of local breeds from 1999 to 2006

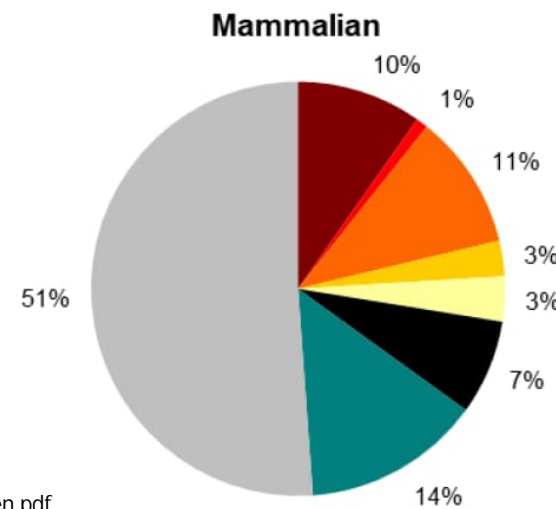
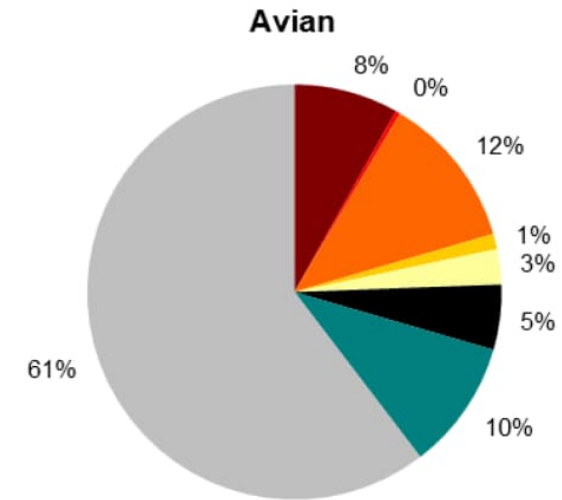
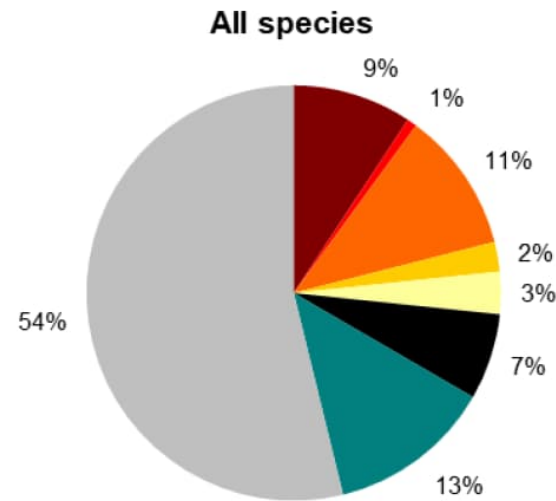


Changes in breed risk status between 2006 and 2014



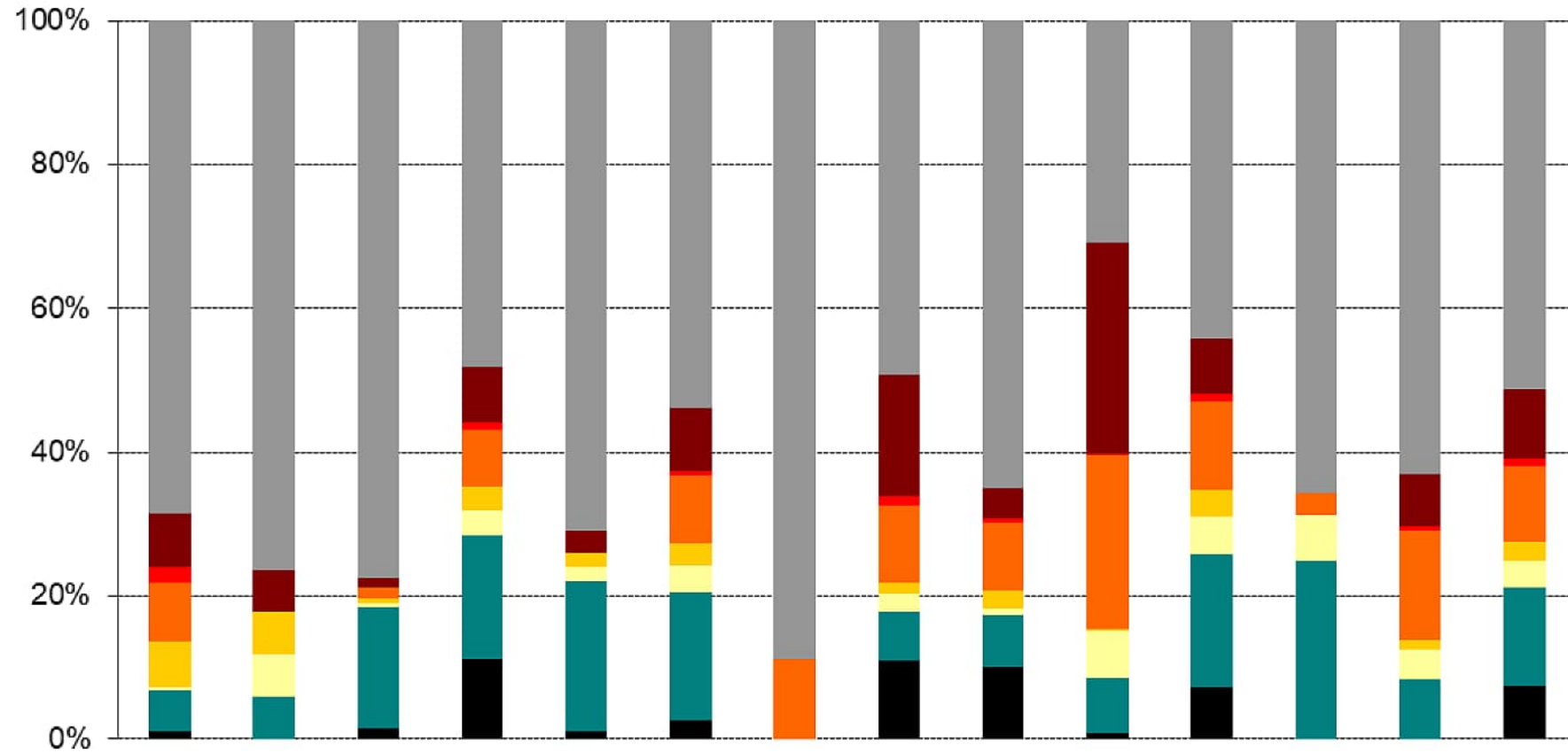
Source: DAD-IS (accessed July 2014).

# Stav biodiversity HZ - 2022



# Stav biodiverzity HZ

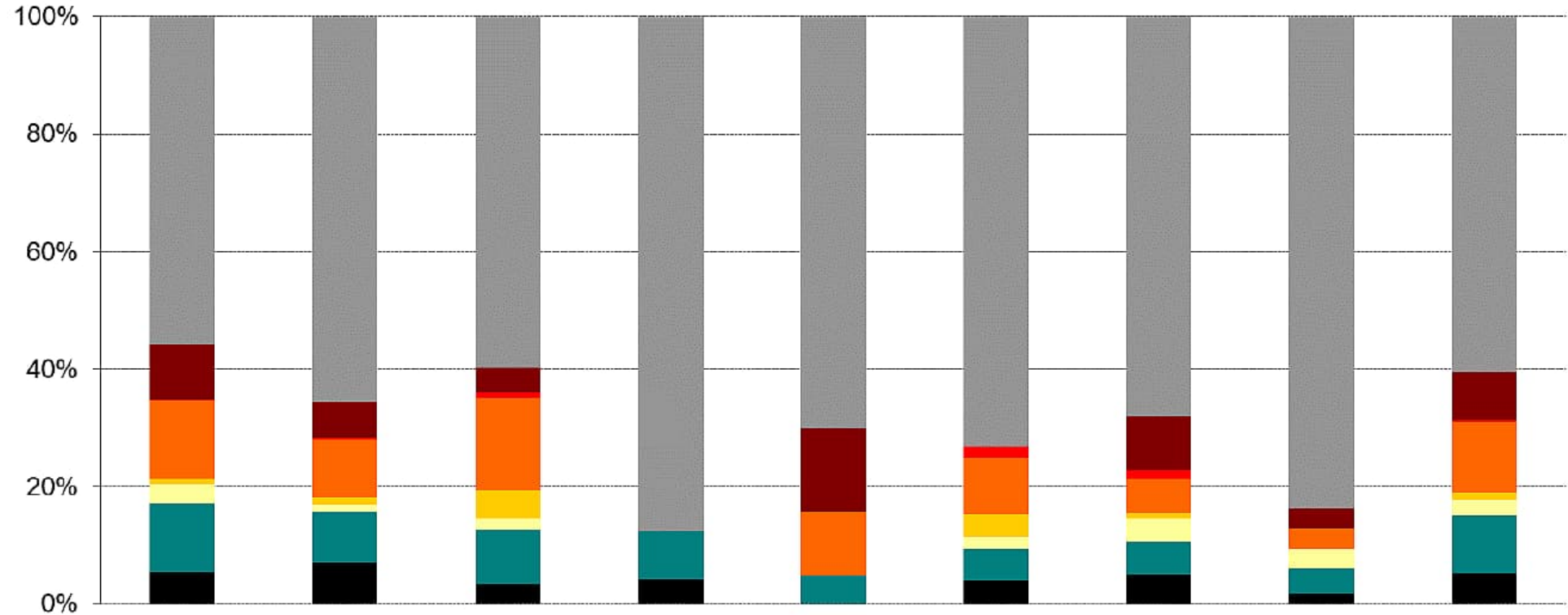
Cicavce



	Ass	Bactrian Camel	Buffalo	Cattle	Dromedary	Goat	Guinea pig	Horse	Pig	Rabbit	Sheep	Yak	Other	Total
Unknown	122	13	110	684	71	380	16	460	451	113	660	21	106	3207
Critical	13	1	2	110	3	62	0	158	29	108	114	0	12	612
Critical-maintained	4	0	0	17	0	5	0	12	5	1	14	0	1	59
Endangered	15	0	2	112	0	67	2	99	66	89	184	1	26	663
Endangered-maintained	11	1	1	44	2	22	0	15	18	1	56	0	2	173
Vulnerable	1	1	1	50	2	25	0	24	6	24	78	2	7	221
Not at risk	10	1	24	247	21	127	0	65	50	28	278	8	14	873
Extinct	2	0	2	159	1	19	0	101	70	3	107	0	0	464
<b>Total</b>	<b>178</b>	<b>17</b>	<b>142</b>	<b>1423</b>	<b>100</b>	<b>707</b>	<b>18</b>	<b>934</b>	<b>695</b>	<b>367</b>	<b>1491</b>	<b>32</b>	<b>168</b>	<b>6272</b>

# Stav biodiversity HZ

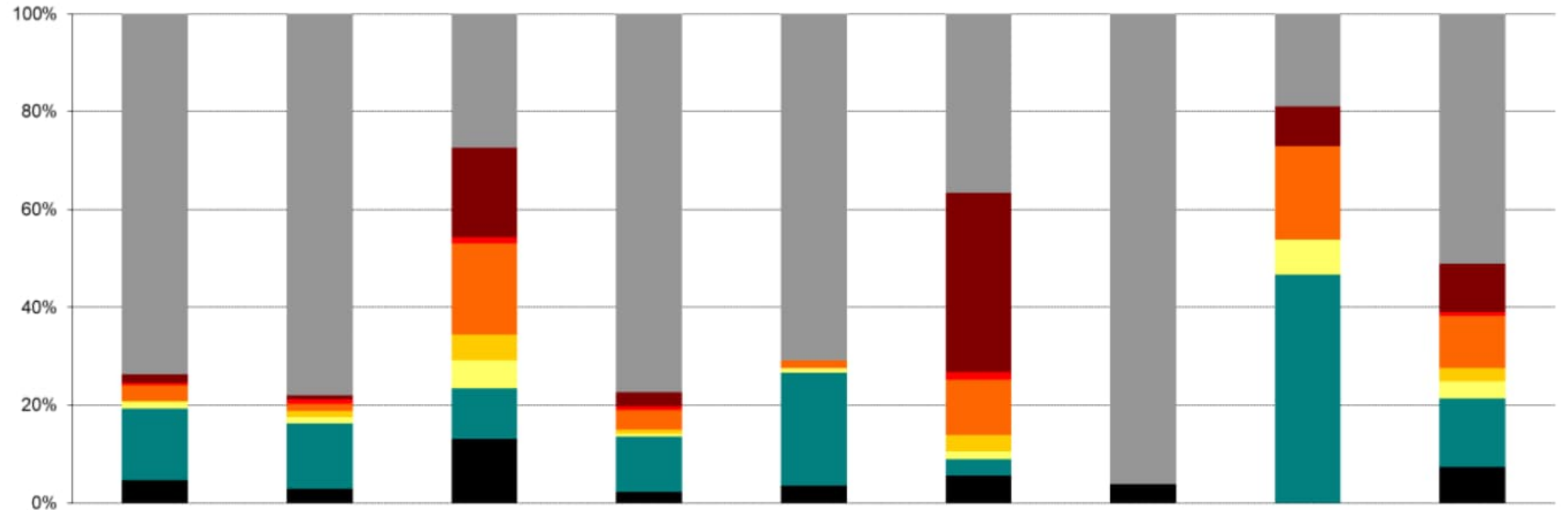
Hydina



	Chicken	Duck	Goose	Muscovy duck	Pigeon	Quail	Turkey	Other	Total
Unknown	931	205	126	21	58	38	83	97	1562
Critical	156	19	9	0	12	0	11	4	211
Critical-maintained	3	1	2	0	0	1	2	0	9
Endangered	221	31	33	0	9	5	7	4	310
Endangered-maintained	14	4	10	0	0	2	1	0	31
Vulnerable	56	4	4	0	0	1	5	4	71
Not at risk	194	27	20	2	4	3	7	5	262
Extinct	91	22	7	1	0	2	6	2	131
<b>Total</b>	<b>1666</b>	<b>313</b>	<b>211</b>	<b>24</b>	<b>83</b>	<b>52</b>	<b>122</b>	<b>116</b>	<b>2587</b>

# Stav biodiverzity HZ

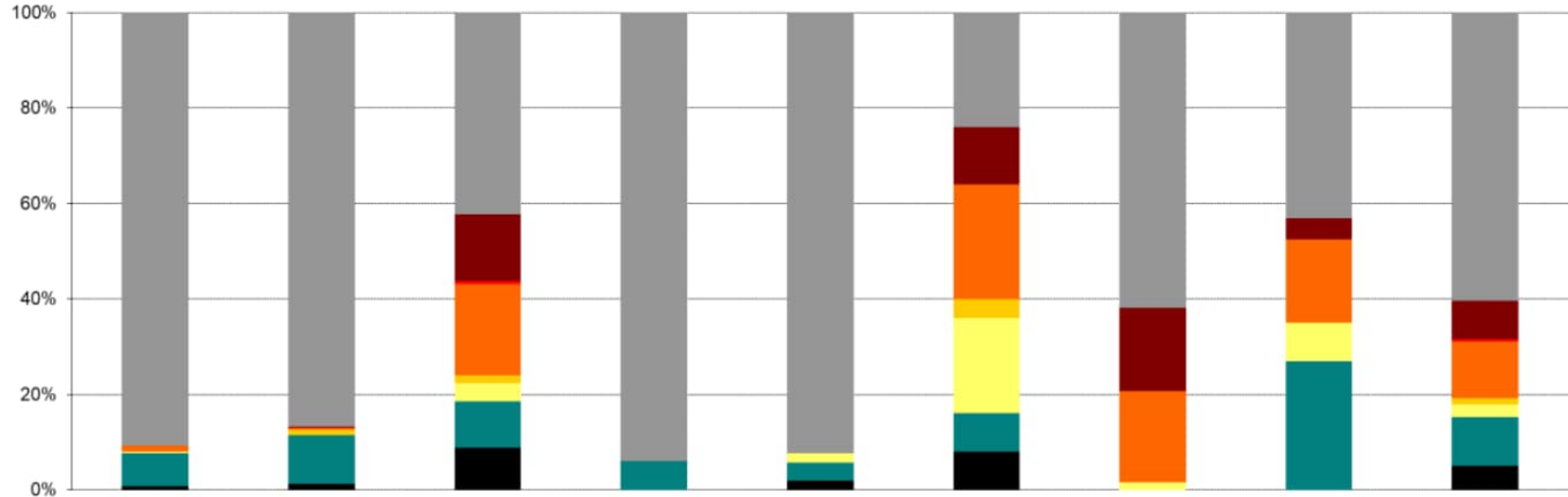
Cicavce - regióny



	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	Southwest Pacific	International transboundary breeds	World
Unknown	544	1128	748	380	141	45	146	75	3207
Critical	13	12	496	14	0	45	0	32	612
Critical-maintained	3	12	38	4	0	2	0	0	59
Endangered	24	21	506	19	3	14	0	76	663
Endangered-maintained	2	18	145	4	0	4	0	0	173
Vulnerable	10	20	156	3	2	2	0	28	221
Not at risk	108	193	281	56	46	4	0	185	873
Extinct	34	42	357	11	7	7	6	0	464
<b>Total</b>	<b>738</b>	<b>1446</b>	<b>2727</b>	<b>491</b>	<b>199</b>	<b>123</b>	<b>152</b>	<b>396</b>	<b>6272</b>

# Stav biodiverzity HZ

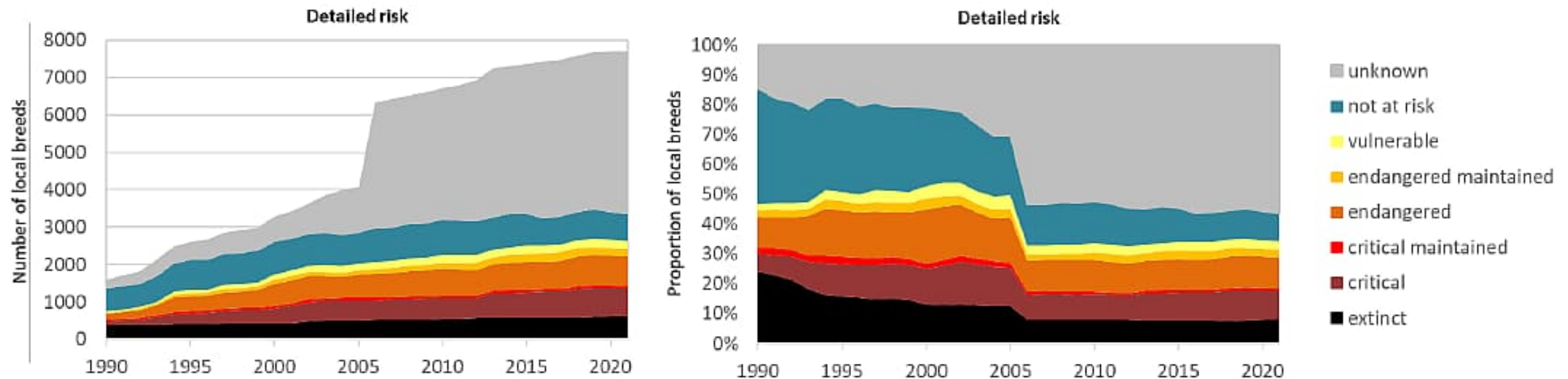
Hydina - regióny



	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	Southwest Pacific	International transboundary breeds	World
Unknown	226	489	575	110	48	6	39	69	1562
Critical	0	1	189	0	0	3	11	7	211
Critical-maintained	0	1	8	0	0	0	0	0	9
Endangered	3	2	259	0	0	6	12	28	310
Endangered-maintained	0	6	24	0	0	1	0	0	31
Vulnerable	1	0	50	0	1	5	1	13	71
Not at risk	17	58	133	7	2	2	0	43	262
Extinct	2	7	119	0	1	2	0	0	131
<b>Total</b>	<b>249</b>	<b>564</b>	<b>1357</b>	<b>117</b>	<b>52</b>	<b>25</b>	<b>63</b>	<b>160</b>	<b>2587</b>

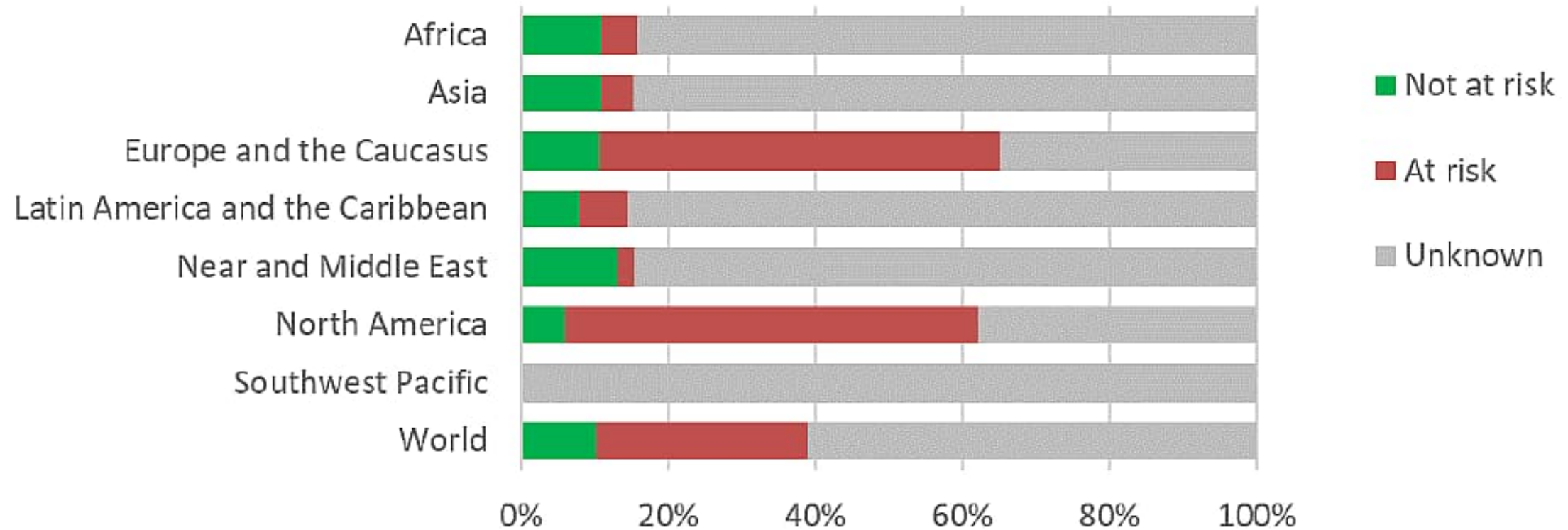
# Stav biodiverzity HZ

Lokálne plemená – vývoj stavu ohrozenia vyhynutím



# Stav biodiverzity HZ

Lokálne plemená, podiel statusu ohrozenosti vyhynutím- regióny





# Počet vyhynutých druhov cicavcov

Druhy a regióny

Species	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	South-west Pacific	World
Ass	3	0	1	0	1	0	0	5
Buffalo	0	0	2	0	0	0	0	2
Cattle	19	18	105	7	5	0	2	156
Dromedary	1	0	0	0	0	0	0	1
Goat	1	2	16	0	0	0	0	19
Horse	6	1	86	2	0	5	1	101
Pig	0	15	53	1	0	0	1	70
Rabbit	0	0	2	1	0	0	0	3
Sheep	4	6	92	0	1	2	2	107
<b>Total</b>	<b>34</b>	<b>42</b>	<b>357</b>	<b>11</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>464</b>

# Počet vyhynutých druhov hydiny

Druhy a regióny

Species	Africa	Asia	Europe & the Caucasus	Latin America & the Caribbean	Near & Middle East	North America	Southwest Pacific	World
Chicken	0	6	84	0	1	0	0	90
Duck	0	0	22	0	0	0	0	22
Goose	0	0	7	0	0	0	0	7
Guinea fowl	2	0	0	0	0	0	0	2
Muscovy duck	0	1	0	0	0	0	0	1
Quail	0	0	2	0	0	0	0	2
Turkey	0	0	4	0	0	2	0	6
<b>Total</b>	<b>2</b>	<b>7</b>	<b>119</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>131</b>

# Ochrana biodiverzity

- *Zmluva o obmedzení lovu lososov v povodí Rýna – Nemecko, Luxembursko, Holandsko, Švajčiarsko: 1886*
- *1972 – Štokholm, 1. svetová konferencia o životnom prostredí*
  
- Právne normy ochrany prírody:
  - Medzinárodné právne normy ochrany jednotlivých druhov
  - Medzinárodné právne normy regionálneho charakteru
  - Globálne dohovory – Ramsarská (1971), Washingtonská (1975), Bonnská (1979) konvencia a Dohovor o ochrane svetového kultúrneho a prírodného dedičstva (Paríž 1972), Dohovor o biologickej diverzite (Konferencia OSN o životnom prostredí a rozvoji Rio de Janeiro 1992)

# Ochrana biodiverzity HZ

Svet – Komisia pre genetické zdroje v potravinárstve a poľnohospodárstve (CGRFA) pri Organizácii OSN pre výživu a poľnohospodárstvo (FAO) <http://www.fao.org/nr/cgrfa/en/>

Cieľ: intenzifikácia v systémoch živočíšnej výroby rozumným využívaním a rozvojom lokálne prispôbených živočíšnych genetických zdrojov (AnGR)

## **Európska únia – Strategické plány SPP 2023 - 2027**

Potreba: 6.5 Podporenie chovu ohrozených plemien hospodárskych zvierat

Intervencia 70.09 Chov a udržanie ohrozených plemien hospodárskych zvierat

Cieľ: Chov a udržanie ohrozených druhov zvierat má za cieľ podporiť také chovy zvierat, ktorých stavy klesli pod kritickú úroveň. Ich zachovanie prispieva k rôznorodosti druhových plemien často krát chovaných iba v príslušnom regióne.

# Ochrana biodiverzity SR

Dohovor o biologickej diverzite – Zbierka zákonov SR č. 34/1996, čiastka 13.

„domestikované alebo pestované druhy“ sú druhy ktorých proces vývoja ovplyvnil človek na uspokojenie svojich potrieb

24. 11. 1995 – Slovenská komisia Dohovoru o biologickej diverzite

Národná stratégia ochrany biodiverzity na Slovensku – uznesenie NR SR č. 676 z 2. 7. 1997

Strategické ciele:

8. Postupná náhrada nevhodných poľnohospodárskych postupov ekologickým a trvalo udržateľným hospodárením a pastierstvom.

## Domestic Animal Diversity Information System (DAD-IS)

Home Data In Focus Publications National Coordinators Regional/National Nodes

DAD-IS is the Domestic Animal Diversity Information System maintained and developed by FAO. It provides you with access to searchable databases of breed-related information and photos and links to other online resources on livestock diversity. Furthermore, you can find the contact information of all National Coordinators for the Management of Animal Genetic Resources. It allows you to analyse the diversity of livestock breeds on national, regional and global levels including the status of breeds regarding their risk of extinction.



### Key facts

- The roles and values of animal genetic resources remain diverse, particularly with regard to the **livelihoods of poor people**.
- There are around **8800 livestock breeds of 38 different species in the world**, providing a diversity of products and services.
- Many breeds have **unique characteristics** that can contribute to meeting challenges related to **climate change**.
- The threats to animal genetic resources **need to be better identified** and their potential effects better assessed, so that action can be taken.

### Tools

DAD-IS provides you with tools to monitor national breed populations and with this, to make informed decisions on the management of animal genetic resources. More than 15 000 national breed populations (representing more than 8 800 breeds and about 40 species) from 182 countries are recorded.

You can measure progress made towards target 2.5 under the Sustainable Development Goals (SDG) focusing on the maintenance of the genetic diversity of farmed and domesticated animals. Try our tools!

- Browse by species and country
- Status of reporting
- Transboundary breed

### Success and other stories



Togo

Trypanotolerant Somba cattle require conservation

Somba cattle are small, hardy, trypanotolerant taurins which are traditionally reared in a mixed farming system. Pure somba are important in traditional ceremonies. For a time, development policy was to import larger West African taurins for

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<http://www.fao.org/dad-is/en/>

# Biodiverzita a GMO

Dohovor o biologickej diverzite

Kartagenský protokol, 1999 – ochrana a bezpečnosť pri narábaní, využívaní a prenose živých modifikovaných organizmov (LMO – living modified organism)

SR - november 2003 ratifikovalo KP

EU - nariadenie rady 1946/2003 o cezhraničnom pohybe GMO

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Súbor Upraviť Zobrazit História Záložky Nástroje Pomocník

Status Trends Animal Genetic Resources

https://www.google.com/search?q=Status+Trends+Animal+Genetic+Resources&client=firefox-b-d&ei=\_C97Y8H-GJWL9u8PrNqagAw&ved=0ahUKEwjB7NSH5777AhWVhf0HHsytBsAQ4dUDCBo&coq=Status+Trends+Animal+Genetic+Resources

Importovať záložky... Dictionary and Thesau... Getting Started Facebook STATISTICA Help | STA... Faculty of Agrobiolog... Sci-Hub You are Crossref - Cro... OPII - Operačný progr... Live Farm Camera - w... Podpora zabezpečenia... Lameness, Hoof, and ...

Status Trends Animal Genetic Resources

Všetko Obrázky Správy Videá Mapy Viac Nástroje

Približne 178 000 000 výsledkov (0,52 sekundy)

**Vedecké články o Status Trends Animal Genetic Resources**

... breeding and conservation of **animal genetic resources** - Hoffmann - Citované 425-krát

... of the world's **animal genetic resources** for food and ... - Rischkowsky - Citované 221-krát

**Animal genetic resources** and sustainable livelihoods - Anderson - Citované 238-krát

https://www.fao.org > card > Preložiť túto stránku

**Status and Trends of Animal Genetic Resources - 2014 - FAO**

Status and Trends of Animal Genetic Resources - 2014 ... **Agrovoc:** animal genetic resources; resource conservation; breeds (animals); genetic diversity as ...

https://www.fao.org > ... > PDF

**STATUS AND TRENDS OF ANIMAL GENETIC RESOURCES**

22. 7. 2011 — Breed diversity. 6 - 12. IV. Risk status of animal genetic resources. 13 - 16. V. Trends in breed status. 17. VI. **Trends in genetic erosion.**

https://www.animalgeneticresources.net > 2021/11 > PDF

**ANIMAL GENETIC RESOURCES STRATEGY FOR ... - ERFPP**

18. 11. 2021 — status and trends of AnGR, and to improve the inter-operability of databases used in AnGR management. **Sustainable use and genetic ...**

https://www.animalgeneticresources.net > 2022/03 > PDF

**ANIMAL GENETIC RESOURCES STRATEGY FOR ... - ERFPP**

26. 8. 2021 — **The National Coordinators13 are responsible** for collecting information on status and trends of AnGR in their respective countries and regularly.

https://www.researchgate.net > publication > 300097432\_...

**Status of animal genetic resources: time for action?**

5. 7. 2022 — Trends in erosion in animal genetic resources. A recent study (IDL 2002) argues that the risk of **losing indigenous breeds** is currently low ...

https://portals.iucn.org > files > Bios-Cons-Gen-040 > PDF

**In vivo conservation of animal genetic resources - IUCN Portal**

Describing the dynamics of the livestock sector. 10. Reviewing the status and trends of animal genetic resources. 12 **identifying reasons** for the loss of ...

270 strán

http://www.genresbridge.eu > ... > PDF

**GENETIC RESOURCES STRATEGY FOR EUROPE**

The European Regional Focal Point for Animal Genetic Resources (ERFP) ... **Monitoring the status of genetic resources is essential to identify trends,** ...

http://www.genresbridge.eu > news > Preložiť túto stránku

**The Animal Genetic Resources Strategy for Europe**



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The screenshot shows a web browser window displaying the search results for 'farm animal conservation genetic resources' on the European Commission website. The browser's address bar shows the URL: [https://ec.europa.eu/search/?QueryText=farm+animal+conservation+genetic+resources&op=Search&swlang=en&form\\_build\\_id=form-5X8aZecY\\_AufvK8ItUgWgDBFjI-eUBkQmhFBeg12Cw&form\\_id=nexteuropa...](https://ec.europa.eu/search/?QueryText=farm+animal+conservation+genetic+resources&op=Search&swlang=en&form_build_id=form-5X8aZecY_AufvK8ItUgWgDBFjI-eUBkQmhFBeg12Cw&form_id=nexteuropa...)

The page header includes the European Commission logo and the language 'English EN'. Below the header, the search bar contains the query 'farm animal conservation genetic resources' and a 'Search' button. The search results section shows 'Search results 739,878' and 'Showing results 1 to 10'.

**Search options:**

- Date: All
- Language: English
- File formats: All formats

**Filter by:**

- Environment, food & natural resources (21184)
- EU in the world (23330)
- Functioning of the EU (24893)
- Health, Wellbeing & Consumer Protection (9186)
- Infrastructure, research & innovation (9781)

**Search results 739,878**

Showing results 1 to 10

**AGRIRESEARCH FACTSHEET GENETIC RESOURCES AND BREEDING** Why do research and innovation on plant and animal genetic resources and breeding matter?  
<https://research-and-innovation.ec.europa.eu/document/dow...>  
It will further develop genomic methodologies, biotechnologies, and bioinformatics for a better knowledge and exploitation of **animal genetic resources** in breeding and **farming**. It will also develop synergies between ex-situ and in-situ **conservation** to maximise **resources** for the future.  
[Related docs](#)

**CONSERVATION OF GENETIC RESOURCES IN AGRICULTURE**  
<https://ec.europa.eu/commission/presscorner/detail/en/ip...>  
IP/93/752 The Commission has approved a proposal for a Council Regulation instituting a Community programme concerning the **conservation**, characterization and use of **genetic resources** in agriculture.  
[Related docs](#)

**EU plant protein and animal genetic resources (Preparatory Action)**  
<https://ec.europa.eu/info/food-farming-fisheries/key-poli...>  
Page contents The study, financed by the European

<https://ec.europa.eu/>

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Porovnanie zastúpenia jednotlivých druhov podľa stupňa ohrozenia v DAD-IS a RDP

	ASS						CATTLE						GOAT					
	STATUS RISK						STATUS RISK						STATUS RISK					
	C	E	CM	EM	NR	NRD	C	E	CM	EM	NR	NRD	C	E	CM	EM	NR	NRD
Breeds at risk	5	6	0	1	0	0	33	56	20	45	18	18	15	32	2	7	7	6
Breeds included in RDP	4	6	0	1	0	0	9	24	13	30	17	0	5	12	0	5	7	0
	HORSE						PIG						SHEEP					
	STATUS RISK						STATUS RISK						STATUS RISK					
	C	E	CM	EM	NR	NRD	C	E	CM	EM	NR	NRD	C	E	CM	EM	NR	NRD
Breeds at risk	76	82	7	13	13	9	18	37	7	13	2	2	25	89	3	26	43	37
Breeds included in RDP	9	27	5	6	13	0	6	9	2	0	0	0	8	36	3	11	42	0

Source: FAO (DAD-IS Program), National RDPs

Note: C = Critical; E = Endangered; CM = Critical-Maintained; EM = Endangered-Maintained; NR = Not at Risk with decreasing trend of population included in RDP; NRD = Not at Risk with decreasing trend of population not included in RDP

Ďakujem za pozornosť!