

PETITE HISTOIRE DE L'HOMME ET DE LA NATURE EN B.D.

Jean Pierre RAFFIN

10-15 mds

Jen	Fev	Mar	Avr	Mai	Jui	Juil	Aou	Sep	Oct	Nov	Dec
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- Mammifères
- Reptiles
- Amphibien
- Insectes
- Plantes
- Poisson

4-5 mds

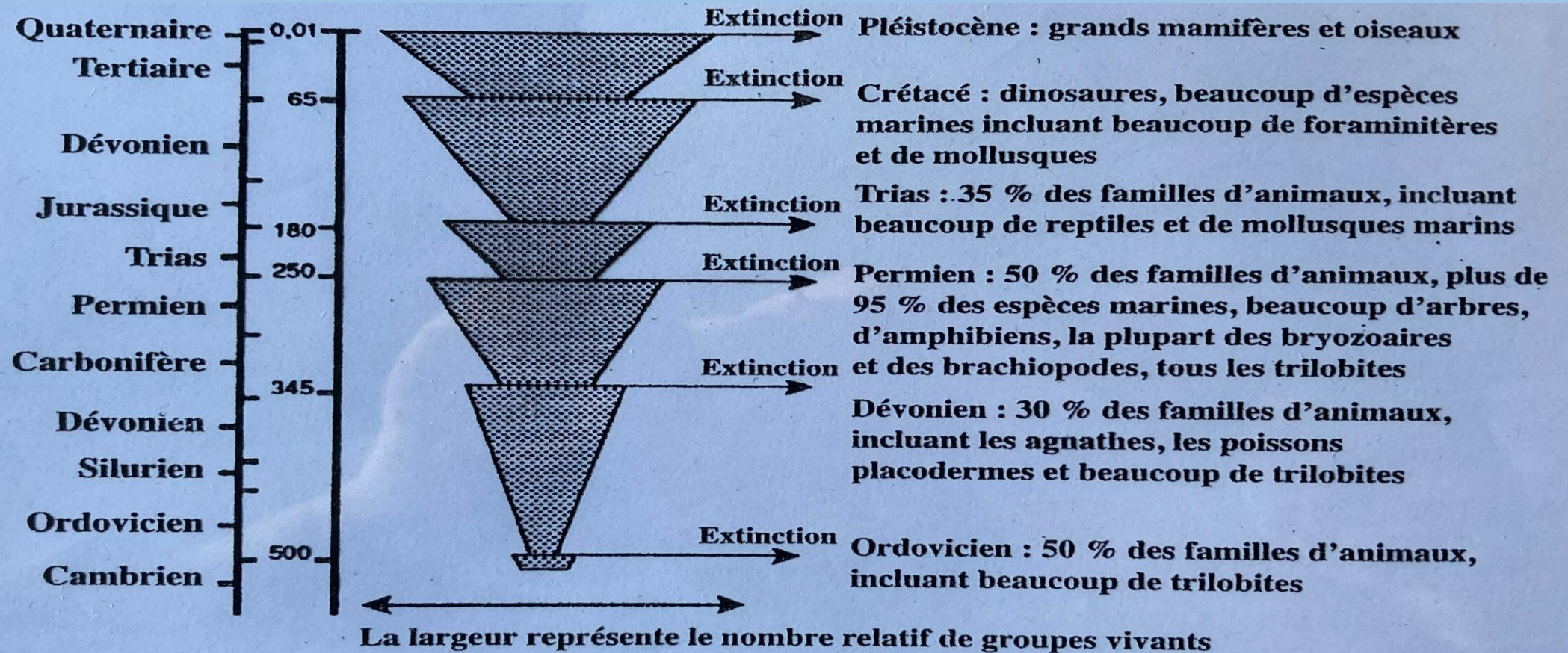
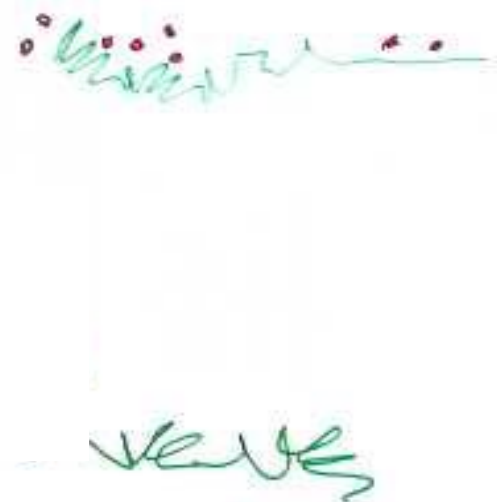
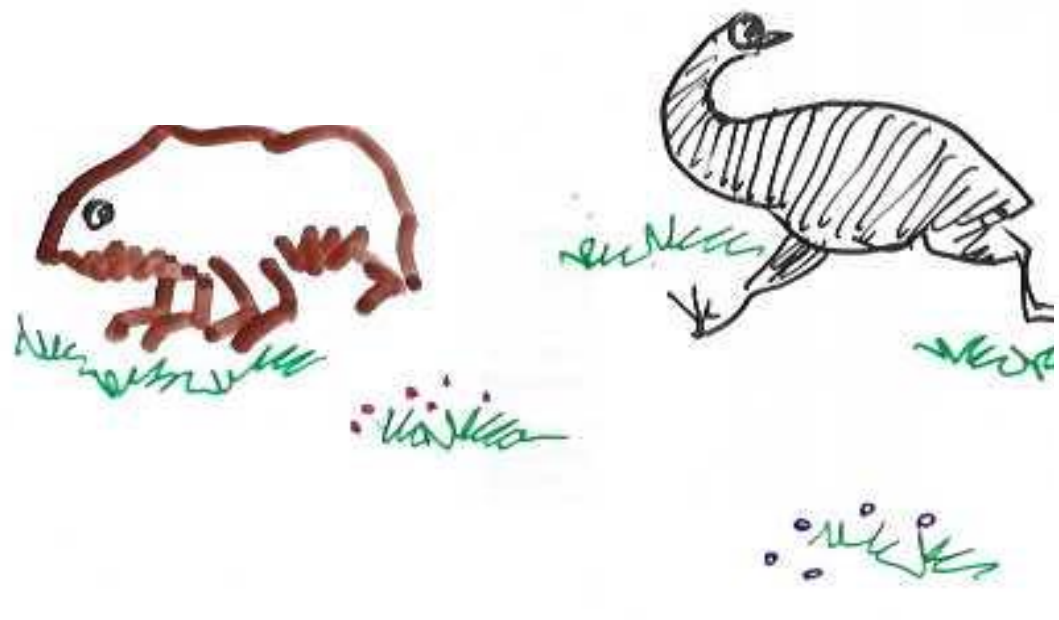


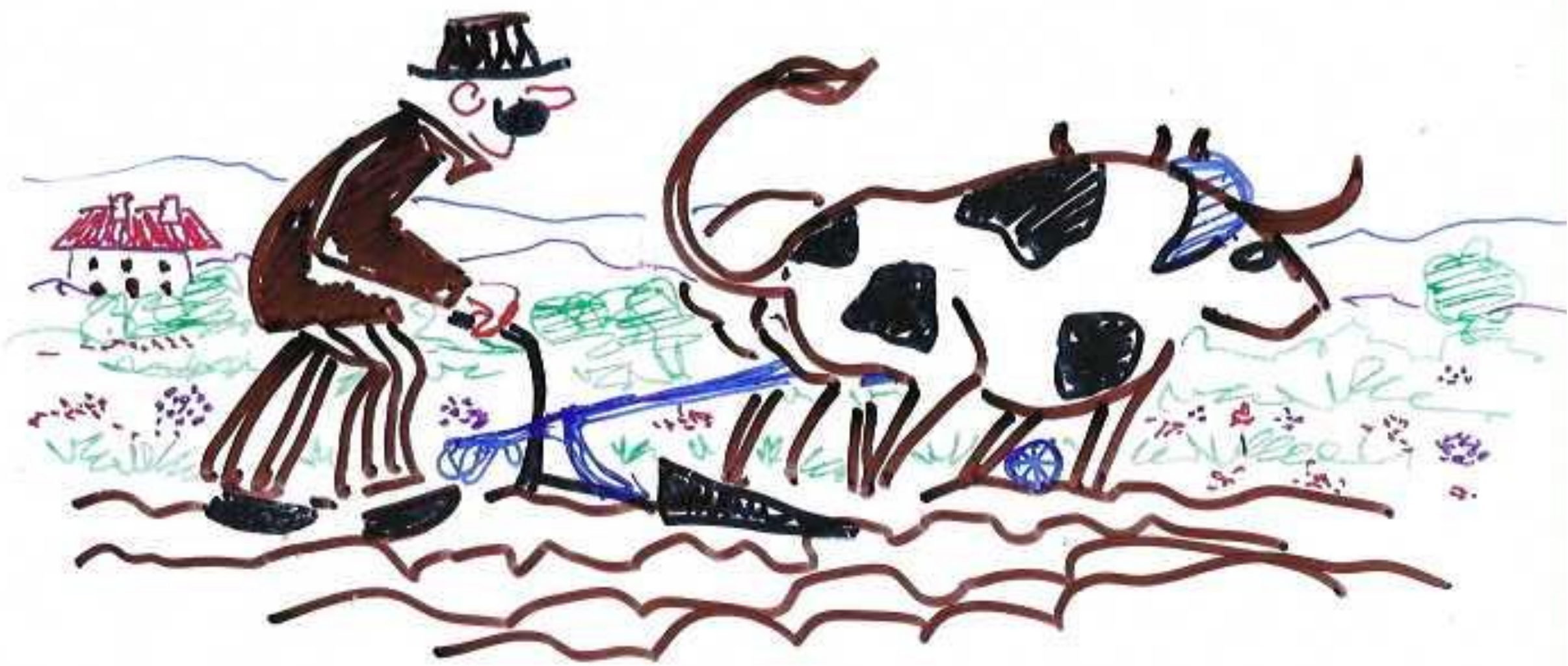
Figure 1. Bien que le nombre de familles et d'espèces ait augmenté au cours des temps géologiques, une proportion importante de ces taxons ont disparu lors de cinq périodes d'extinction de masse. Un sixième épisode, au Pléistocène, est marqué par les effets de l'Homme qui s'installe sur tous les continents.

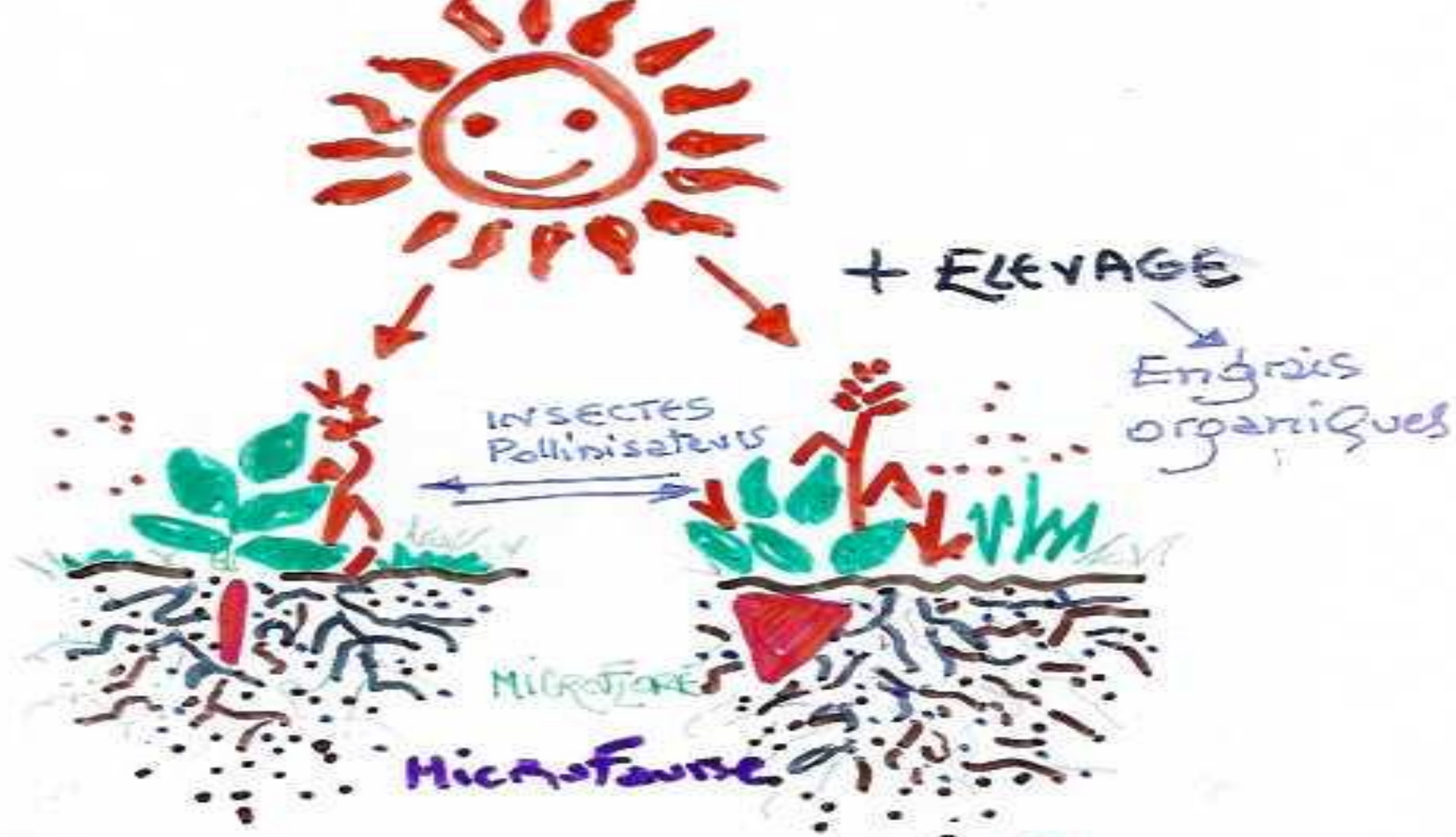








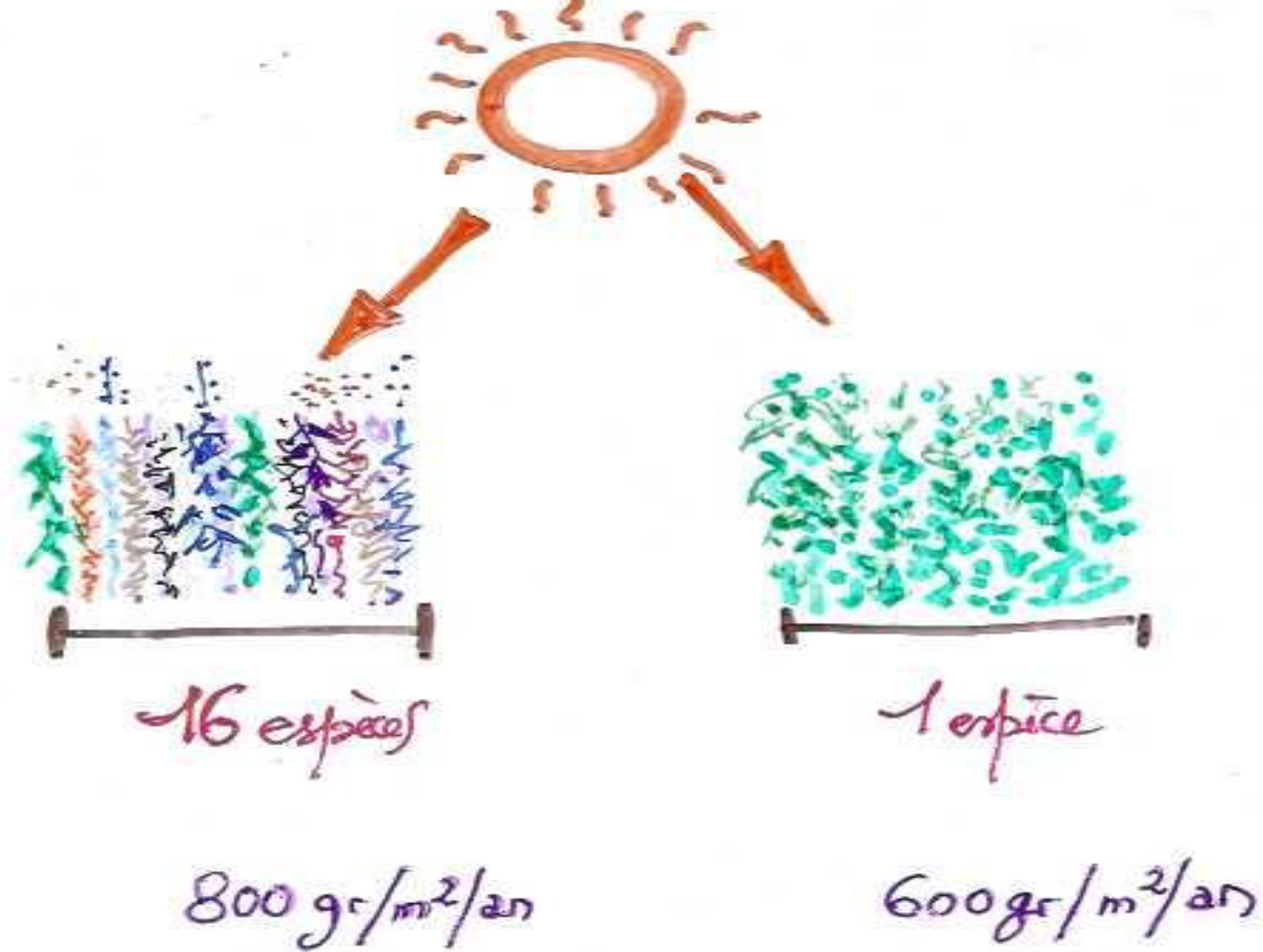


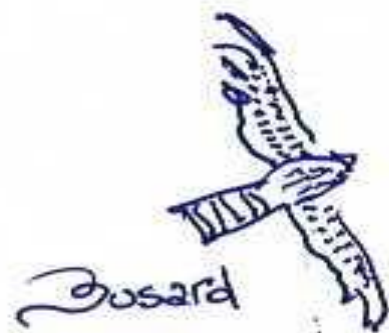


1 calorie investie
5 à 50 calories produites



5 à 10 calories investies
1 calorie produite





Busard



Alouette des champs

Perdrix grise



Gando outarde



outarde canepetière



Nielle

Adonis

Parrot

Bleuet















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de "New Forest"



Guillaume le Roux (1056-1100)

Bois des Bains



Cervières

Carl Linnaeus
1707-1778



Systemae naturae - Species plantarum
1735-1753



Georges
Leclerc
comte
de
BUFFON
1707-1788

Thomas JEFFERSON
1743-1826



1784





ILS SONT FOUS !
CES ANGLAIS !

1803

" Les ressources naturelles sont inépuisables,
car sans cela nous ne les obtiendrions pas
gratuitement.

Ne pouvant être ni multipliées, ni épuisées,
elles ne sont pas l'objet des sciences
économiques "



Jean
Baptiste
SAY
1767-1832

Alexander von Humboldt
1769-1859

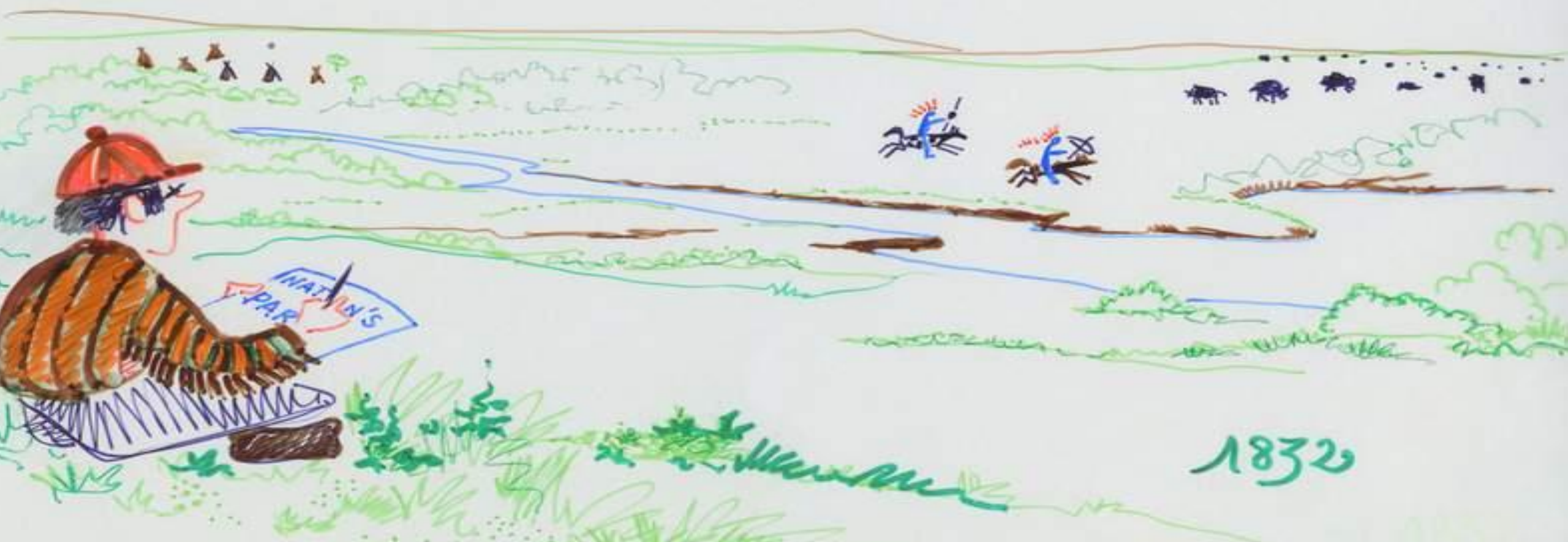


Naturdenkmal 1819



FLAMBOROUGH 1830

George CATLIN 1796-1872





1840



1855

1854



LA LOTTE CONTRE LE PAUPERISME PAR L'EXPLOITATION RATIONNELLE DES
RESSOURCES NATURELLES



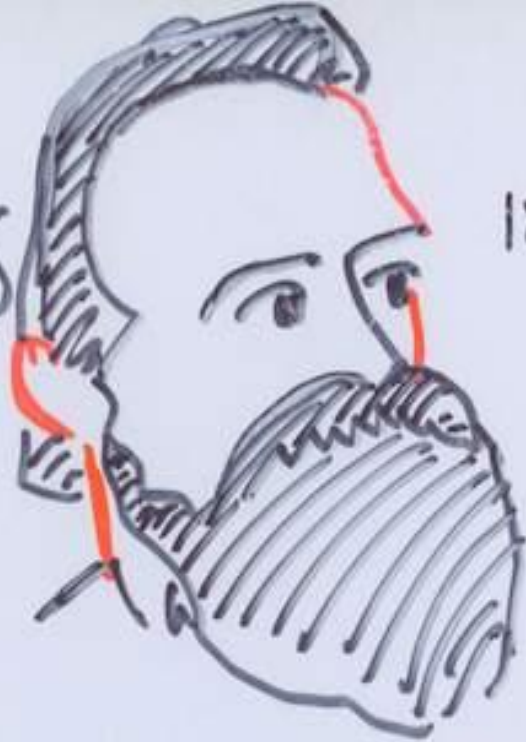




1864 : " L'homme a trop longtemps oublié que la Terre a
été donnée seulement pour usufuit, non pour la
consommation encore moins pour une dilapidation
éhontée "

Dialectique de
la nature
1876

F. ENGELS



1820-1895

Nous devons à tout moment nous souvenir
que nous ne devons pas nous conduire vis
à vis de la nature comme des conquérants
vis à vis d'un peuple étranger, comme des êtres
en dehors de la nature (...) notre suprématie
sur les autres êtres est seulement notre
capacité à connaître et à appliquer les
lois de la nature

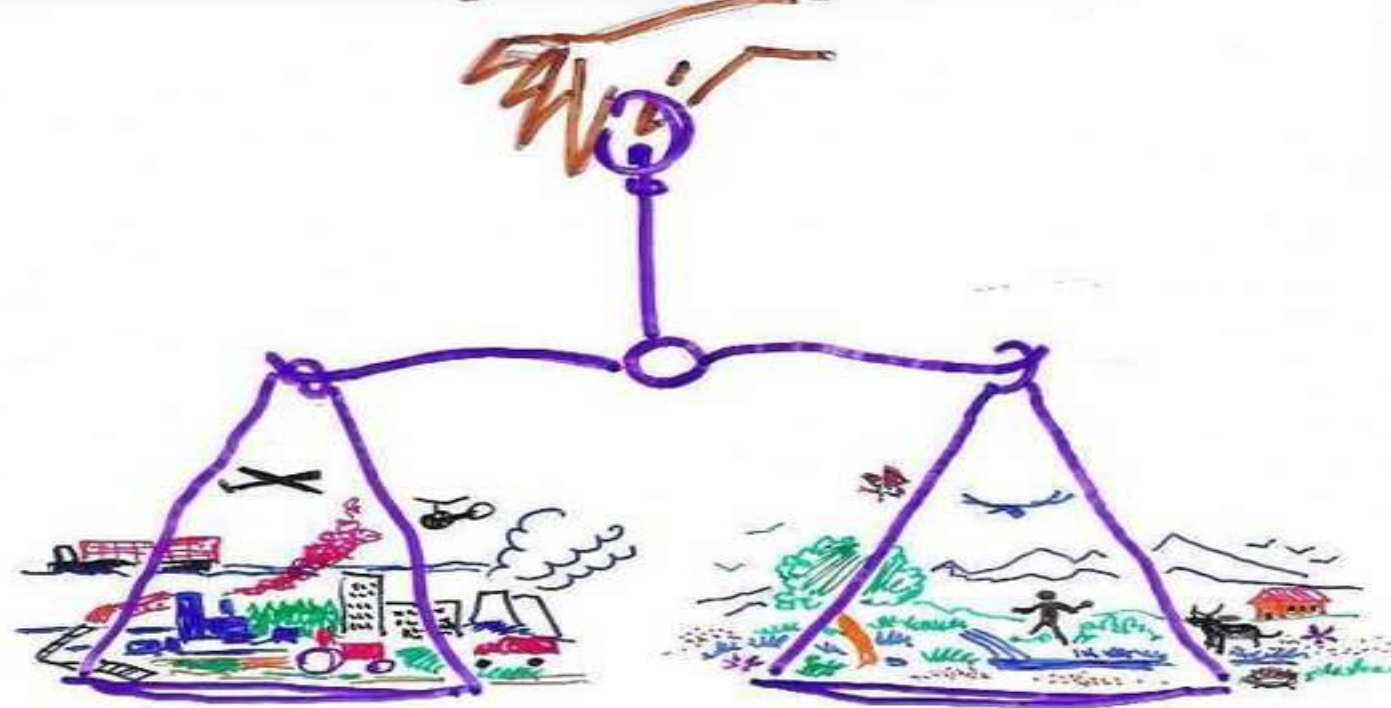


Elisee
RECLUS
1830
-1905

L'homme est la nature
prenant conscience d'elle
même

1905





CONSERVER C'EST MAINTENIR
UN
EQUILIBRE
ENTRE LES MULTIPLES ÉLÉMENTS
DE LA
NATURE
HUMANITÉ COMPRISE

UNESCO

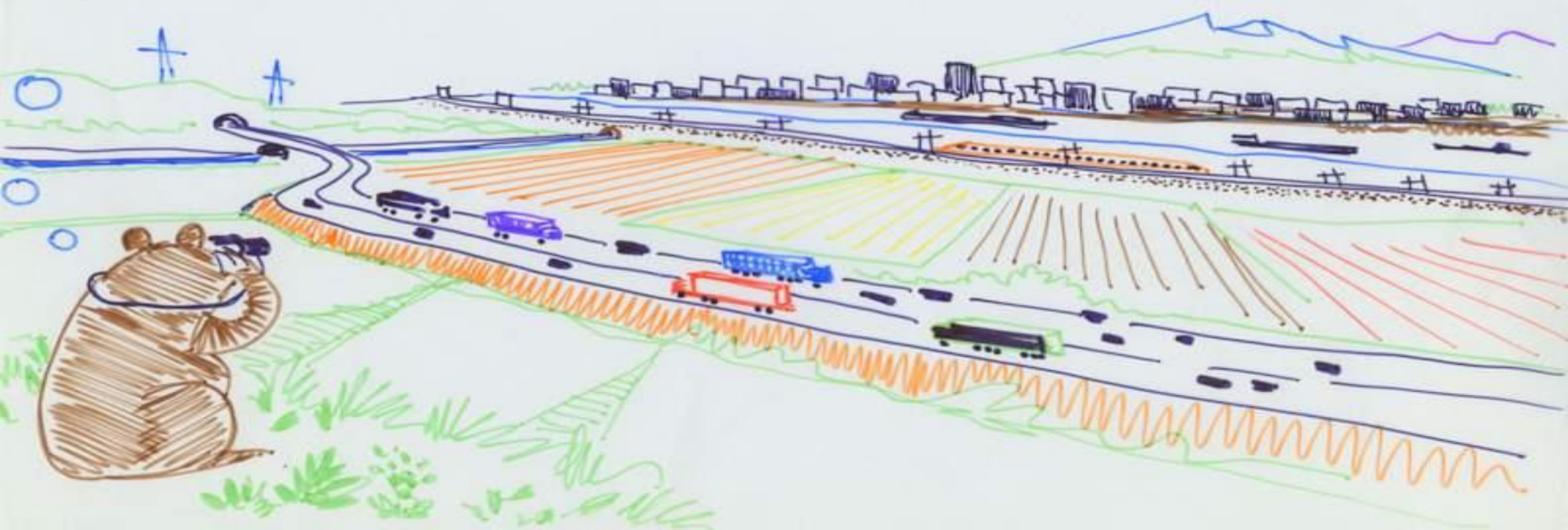
1968

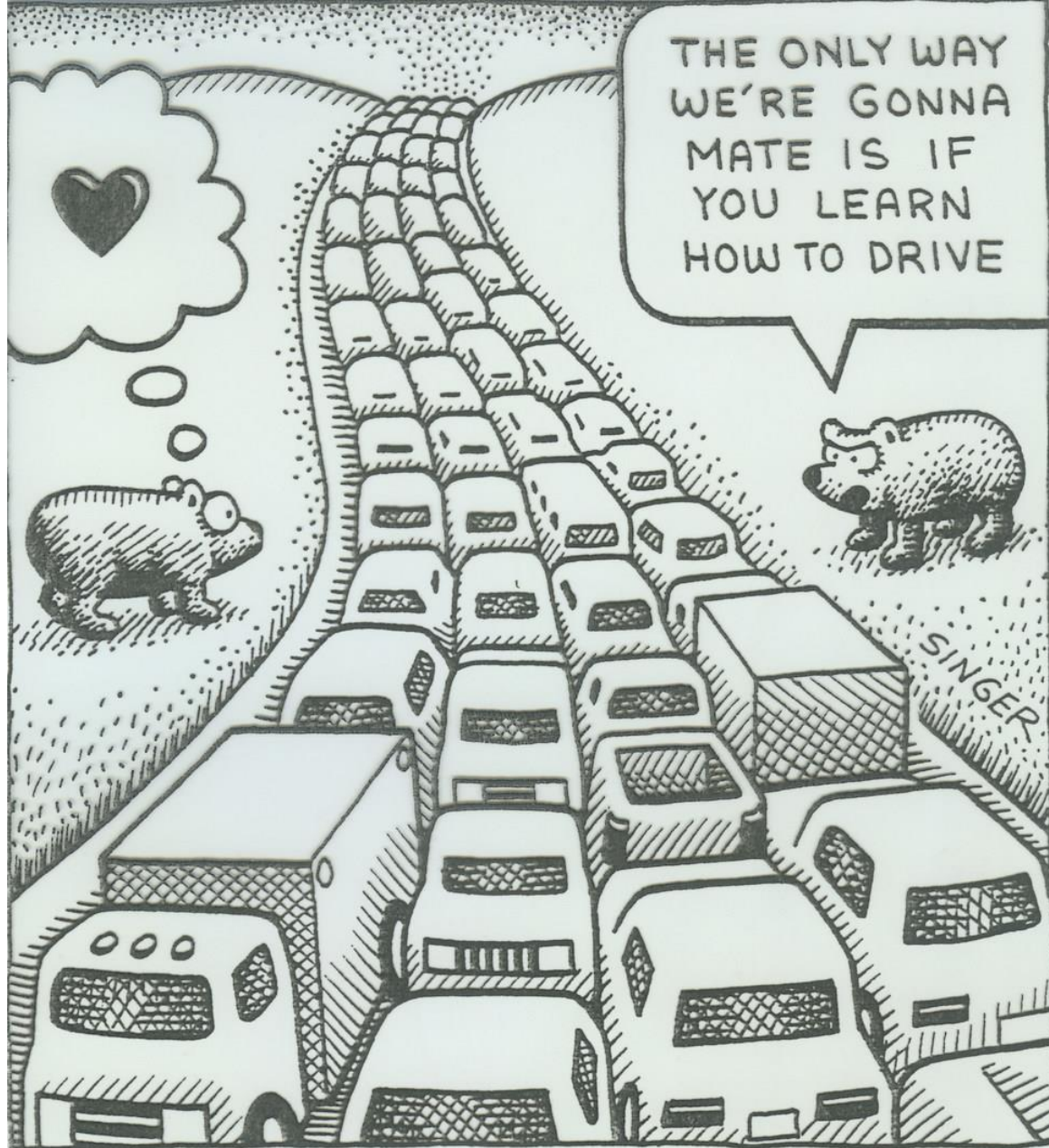






COMMENT GÉRER ?





LOGNE

BIELORUSSIE



021



La terre
les océans





reduce the resiliency of the global community. With every nation dealing with local emergencies, it would be more difficult to mobilize resources to aid victims in other areas, and there would be fewer resources to mobilize.

Municipalities around the world would struggle under the burden of greatly increased demands on funds to maintain and repair basic infrastructure. Forget about safety nets—FEMA and its ilk would be bankrupt. In the world's tightly coupled markets, financial tsunamis would surge through the system, leaving banks and corporations insolvent. Financial panics, largely absent for more than 70 years, would return with a vengeance.

Here at home, a flickering climate would impose an enormous tax on every individual and business. Property values in most places would plummet as buyers disappeared and costs of insurance and maintenance soared. The upper-middle-class American family, today so well protected against external shocks, would find its layers of insulation gradually stripped away as fuel, food, jobs, and social order became less certain. Katrina's aftermath exposed how quickly extreme weather can reduce an orderly society to dysfunction.

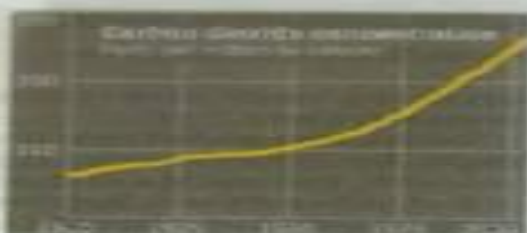
Some of the calamities that may happen—droughts that last more than a century, an advance of arctic zones southward, incessant and epic storms—simply overwhelm the imagination when we try to envision them in a world of six billion people depending on an ex-

MOUNTING CALAMITIES

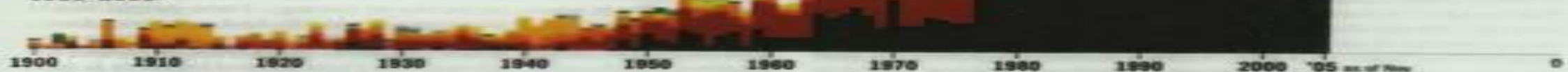
Since the 1980s, the Earth's temperature has risen at an increasing rate (below left), probably in response to rising concentrations of CO₂, the atmosphere's main greenhouse gas. Signs of climate change are obvious in data assembled by Belgium's Center for Research on the Epidemiology of Disasters: Calamities have become more frequent. (In part because the center only started in 1974, earlier data may not be as complete.)



Annual global temperature relative to the 1951-80 mean.



Number of natural disasters recorded each year worldwide 1900-2005



Est-ce bien
raisonnable ??





Est-ce bien raisonnable ??

Merci

