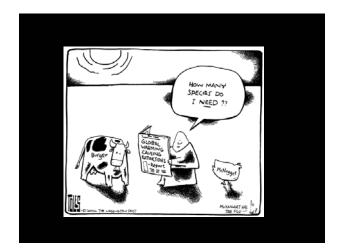
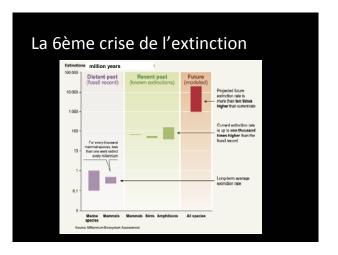


## Plan de ce cours

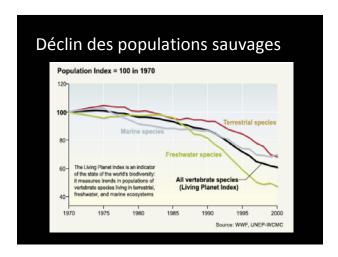
- 1. Biodiversité
- 2. Théorie des niches
- 3. Théorie neutre et biogéographie
- 4. Ecophysiologie des plantes





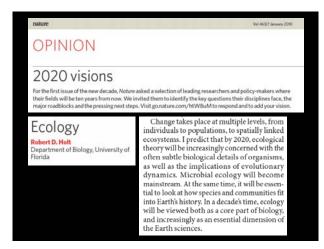












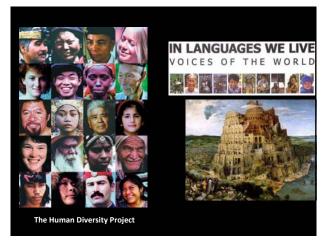


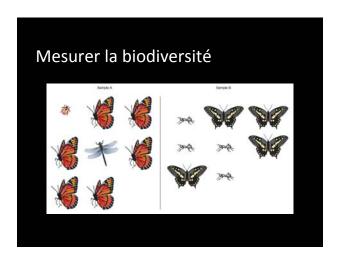
## Que connaissons-nous de la biodiversité ? Macroévolution Le théâtre écologique et la pièce évolutive

Que connaissons-nous de la biodiversité ?









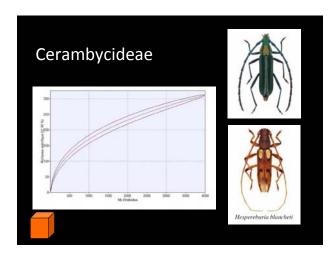


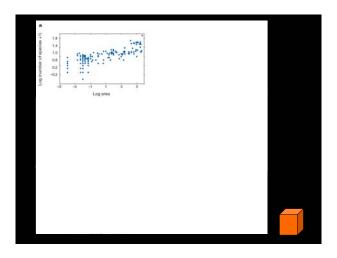




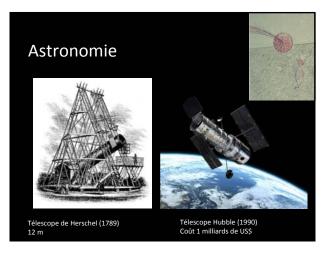




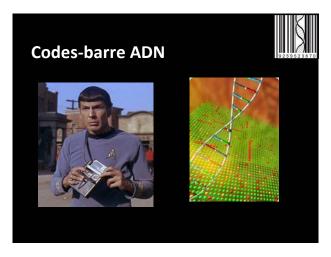


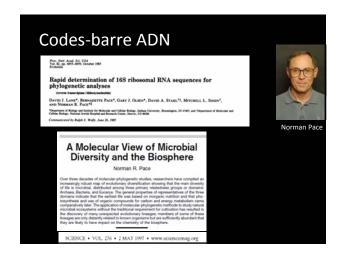


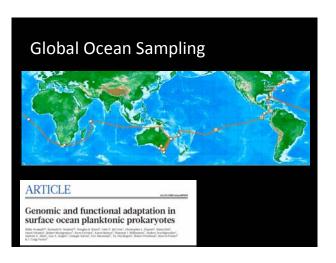


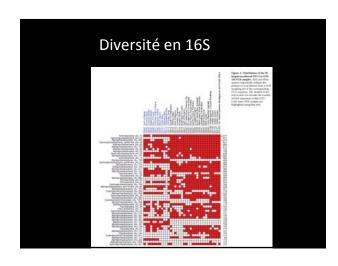


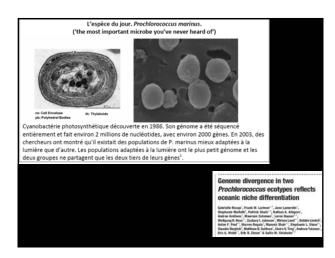


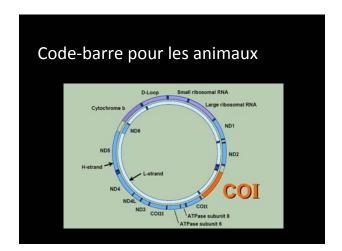


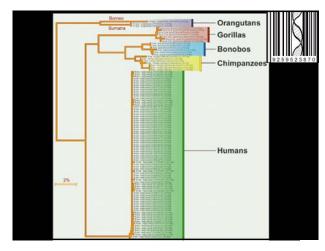


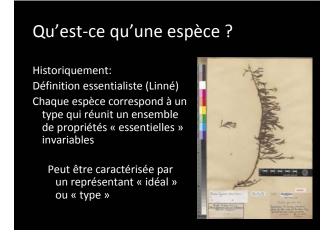






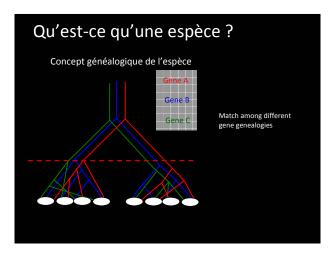


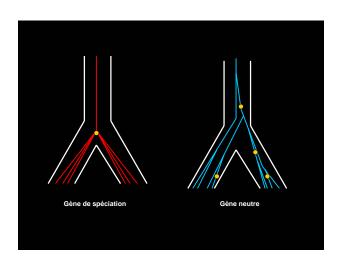


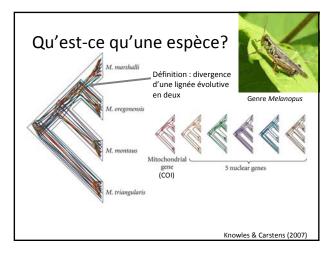






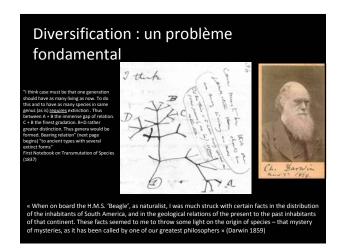


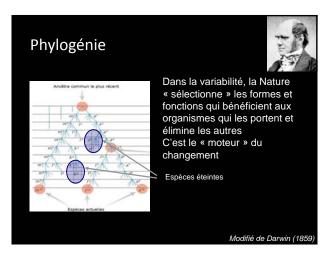


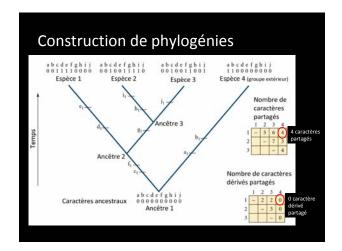


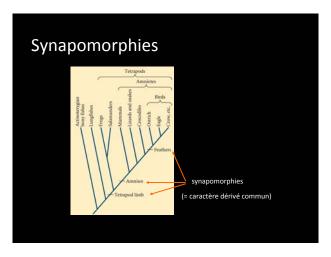


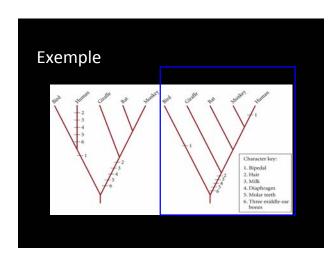


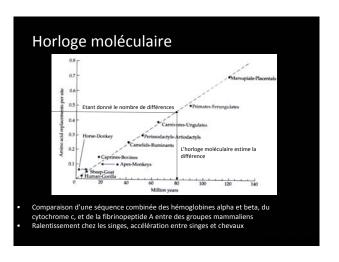


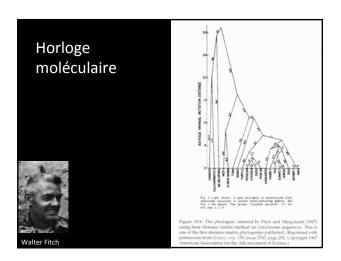


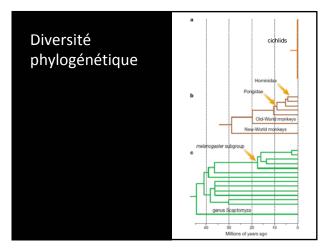


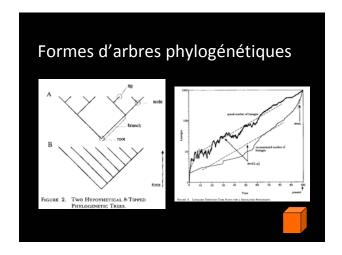






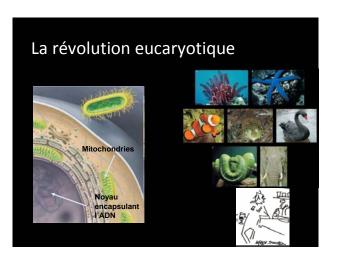


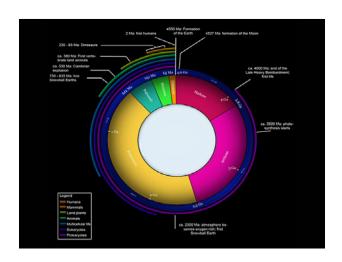


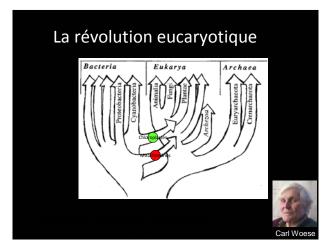


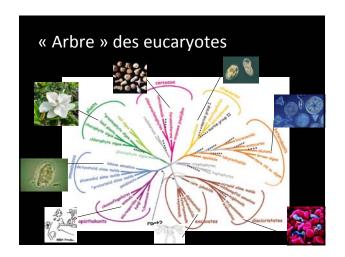
## Tempo de la diversification L'apparition des lignées d'organismes s'est faite dans un environnement géologique et climatique qui a radicalement fluctué au cours de l'histoire de la Terre Exemple de la lignée eucaryote

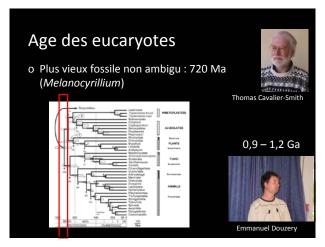


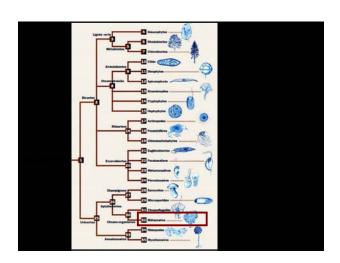


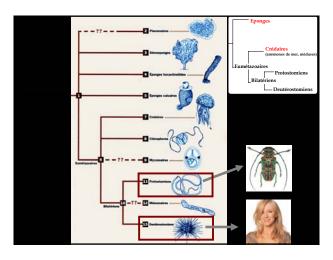


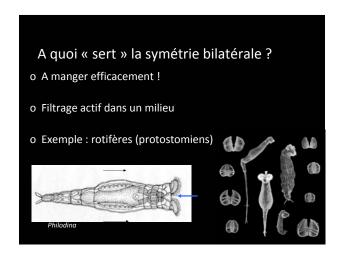


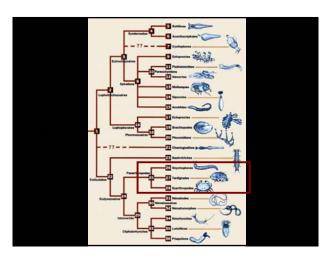


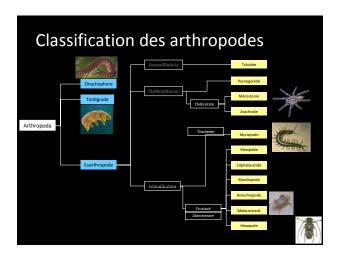


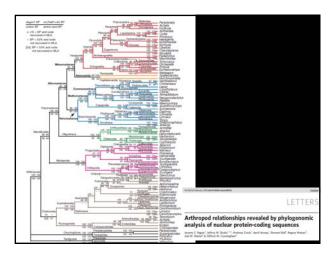


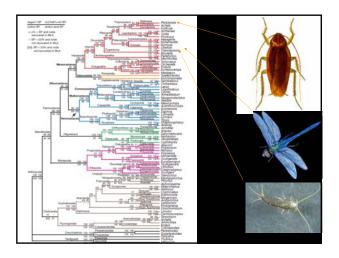


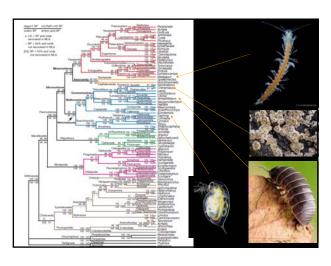


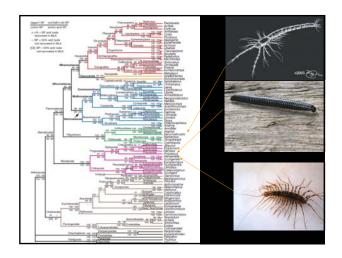


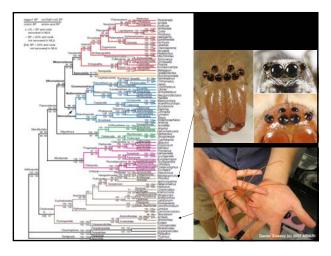


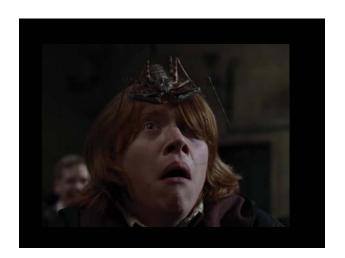


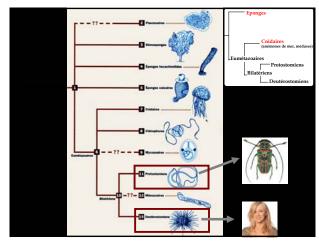


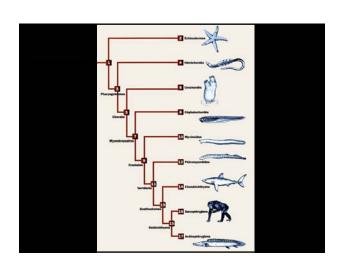


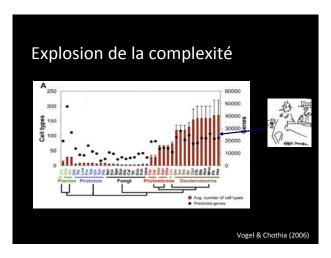


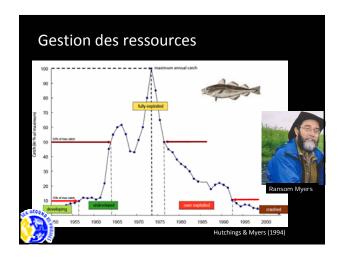


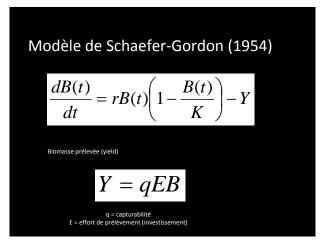


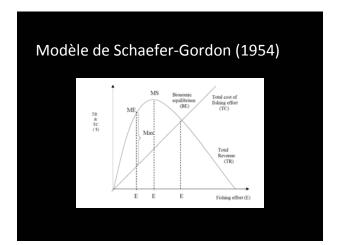












## Conclusion

- o On connaît encore très mal la diversité : enjeu majeur que de trouver des outils pour la découvrir et pour suivre sa dynamique
- L'histoire de la biodiversité nous éclaire sur sa mise en place (et son futur ?)
  Le contexte de l'étude de la biodiversité est l'écologie, la science qui étudie les relations entre les espèces et leur environnement ... y compris l'environnement imposé aujourd'hui par les activités humaines humaines

