

The Openscientometer

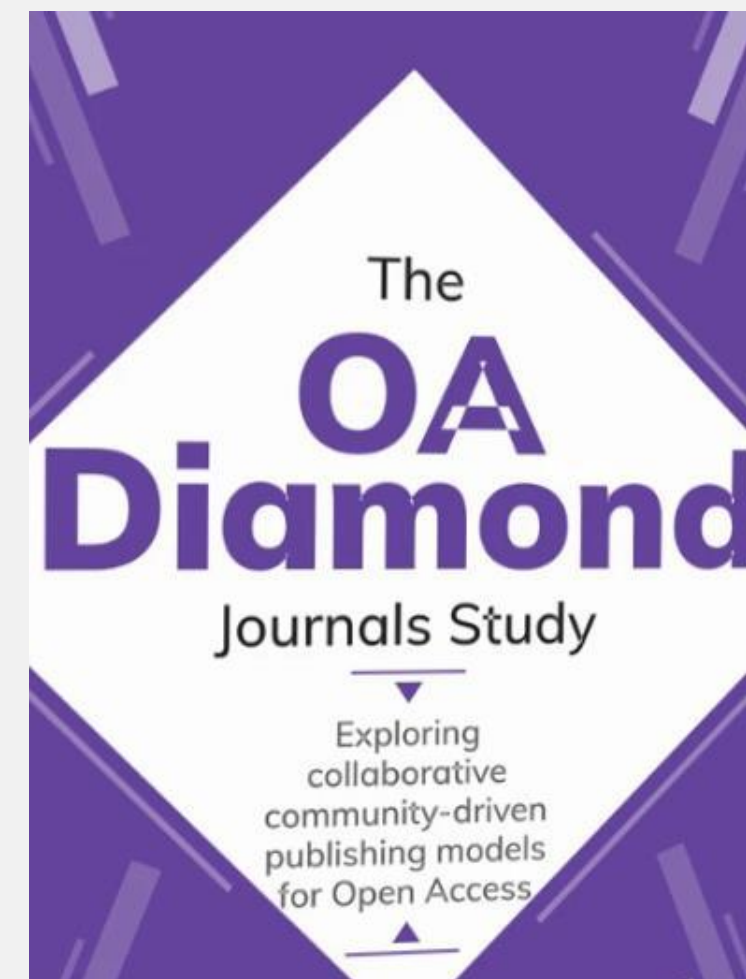
Reflections on game design and mechanics

Christophe Dony
Subject & research librarian
University of Liège

Why develop a game about Open Science?

Why not?

- Fun and interesting way to advocate OS practices
- Favorable international and institutional context (ca. 2020)
- Rich and diverse content
- Interdisciplinarity
- Only a few OA-related workshops for researchers organized by the institution (ca. 2020)

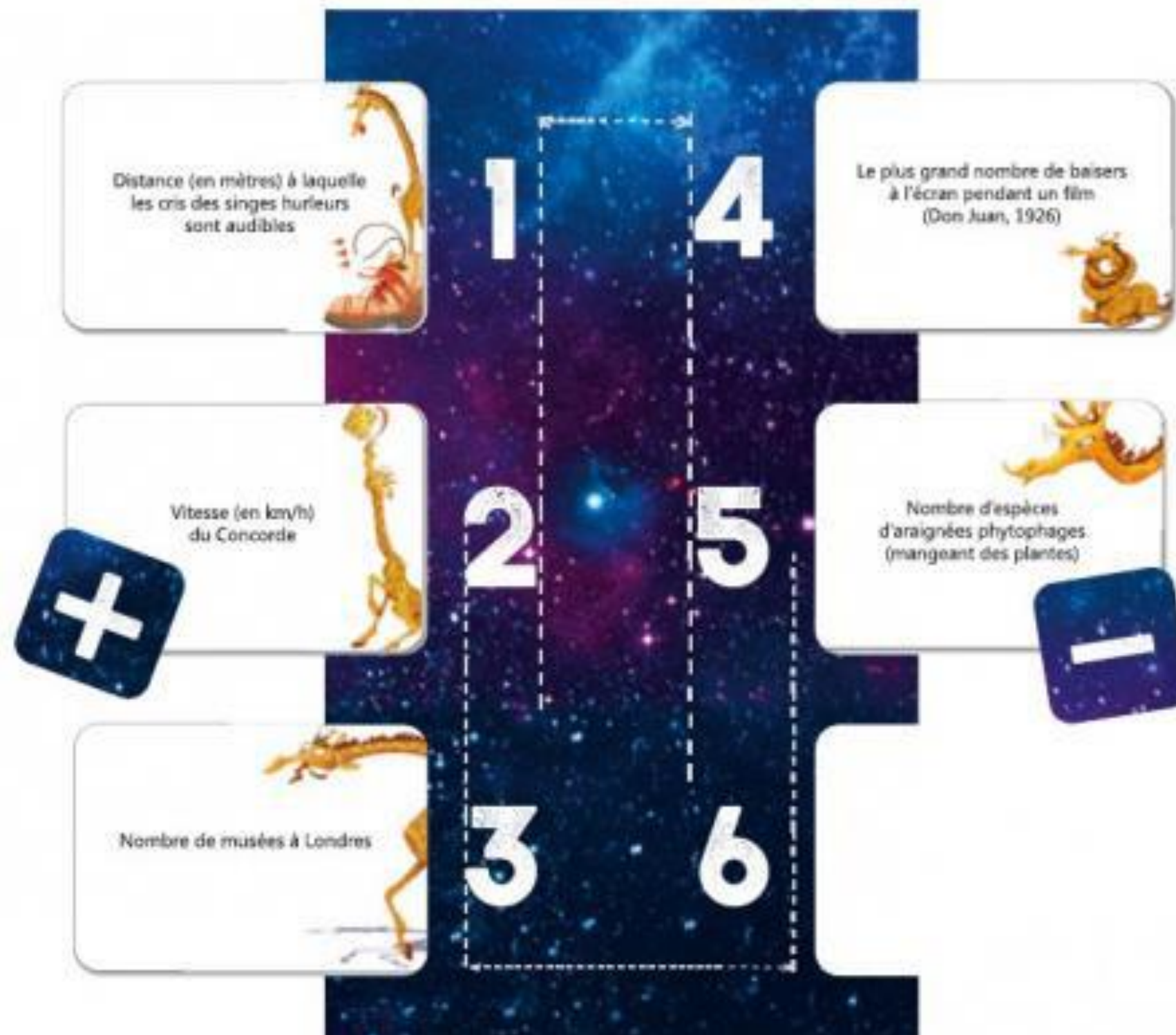


What about gameplay and mechanics?

What we knew we wanted

- **Introduce different concepts of OS (OA, open data, FAIR principles, bibliodiversity)**
- **Fun but still insightful**
- **Different playing modes (solo and collaborative)**
- **On-line format that can be used for self-learning or in a class environment (COVID context)**
- **Fast development**
- **Different Levels**

Adapting The Giraffometer (game)



- Players are presented with a list of trivia questions with numerical answers and must guess which one has the highest and lowest value.
- The goal is to correctly identify the extremes without knowing the precise answers, making it a test of knowledge and estimation across various topics.
- Adaptation with OS-content trivia questions

An example in context (almost no spoilers)



Challenge 1

L'Openscientomètre



Accueil

Q 1.1

Le nombre de revues scientifiques recensées par le DOAJ (*Directory of Open Access Journals*) en 2020 qui exigent des frais de publication sous la forme d'APC (*article processing charges*).



Q 1.2

Le montant des frais en \$ pour la publication d'un article en Open Access dans la revue *Nature Communications* (en 2020).



Q 1.3

Le nombre de répertoires ouverts de données de la recherche dans le monde (en 2019).



Q 1.4

L'année de création de la "Déclaration de Berlin sur le libre accès à la connaissance".





Règles de scoring



Indice 1



Indice 2

An example in context (almost no spoilers)



Indice 1



Challenge 1

L'Openscientomètre



Accueil

Q 1.3

Le nombre de répertoires ouverts de données de la recherche dans le monde (en 2019).



Q 1.4

L'année de création de la "Déclaration de Berlin sur le libre accès à la connaissance".



**Let's save feedback and questions for later.
Are you game?**

<https://christophedony.pubpub.org/pub/openscientometer/>