

Lesson topic: World Biomes.
Worksheet

GEOGRAPHY

- To launch BiomeViewer [click here](#). **NB!** In Russia you will need to use a VPN service (e.g., Windscribe). You can use the QR-code on the right to launch BiomeViewer from your tablet.
- In the app drop the pin on any point in one of the biomes listed in **Table 1** below and record the following:



Biome name: _____

Latitude and longitude: _____

Range of temperatures: Minimum _____ Maximum _____

Range of rainfall: Minimum _____ Maximum _____

Total number of species (richness): _____

- Repeat the same with the rest of biomes and complete **Table 1**. Pick just one representative location for each biome.

BIOME	Latitude	Species Richness
Tundra		
Boreal Forest		
Temperate Deciduous Forest		
Desert		
Tropical Rain Forest		
Alpine		

Table 1. Characteristics of some representative biomes.

- Change the view to a flat map (icon in top left corner) and turn on the gridlines (gear icon).  Click on the Sahara Desert near the Tropic of Cancer. Click "compare" (bottom right corner) and select the tropical rain forest biome in Southeast Asia at about the same latitude. 
- Then, answer the following questions:
 - How do rainfall and temperature patterns differ between the biomes?

- List the species richness for each biome.

Sahara Desert: _____ SE Asia Tropical Forest: _____

- Think about the difference or similarity in species richness between these two biomes. What could account for this difference or similarity? _____
