



Bubble Nebula



M31

WHERE IN THE SKY ARE THE ESASKY USERS LOOKING?

ABSTRACT

ESASKY is a science-driven discovery portal providing full access to the entire sky as observed with Space astronomy missions. Using the Matomo user analytics tool, we collected thousandths of data points from all the clicks done by all ESASKY users. The preliminary results show how our users use the essential ESASKY tools, how they interact with implemented features and which parts of the sky do they explore more statistically.

FIGURE 1

Skymap with objects searched in ESASKY in the time frame from January to October 2021. The skymap contains over 7000 objects searched by the target's name (e.g. Bubble nebula, M31, etc.), resulting in 31436 searches. The most explored object is the Bubble Nebula / NGC 7635, with 1408 searches.

FIGURE 2

Fraction of users using ESASKY in Science or Explorer mode. Welcome dialog window mode selection of Science or Explorer mode in the time frame from January to October 2021. The figure does not include switching on-and-off the sci mode in the drop-down menu on the

top bar. Science mode includes all access to science ready data, skies, publications and the tool for planning of the observation. The Explorer mode allows users to explore the sky in different wavelengths, explore example target lists, roll the dice to explore various astronomical objects or search for ESA/Hubble outreach images.

FIGURE 3

Continents from which visitors accessed ESASKY. From January to October 2021, ESASKY had 52833 visitors from 135 countries all over the world. The most visits per day were on the 20th of October - 695 visits. Visitors spent on average 10 minutes and 35 seconds and did 82 actions.

FIGURE 4

The time frame from October 2020 to October 2021. It captures the top 30 searched targets by name in ESASKY. The most explored object during this time period was Andromeda Nebula or M31 with 1562.

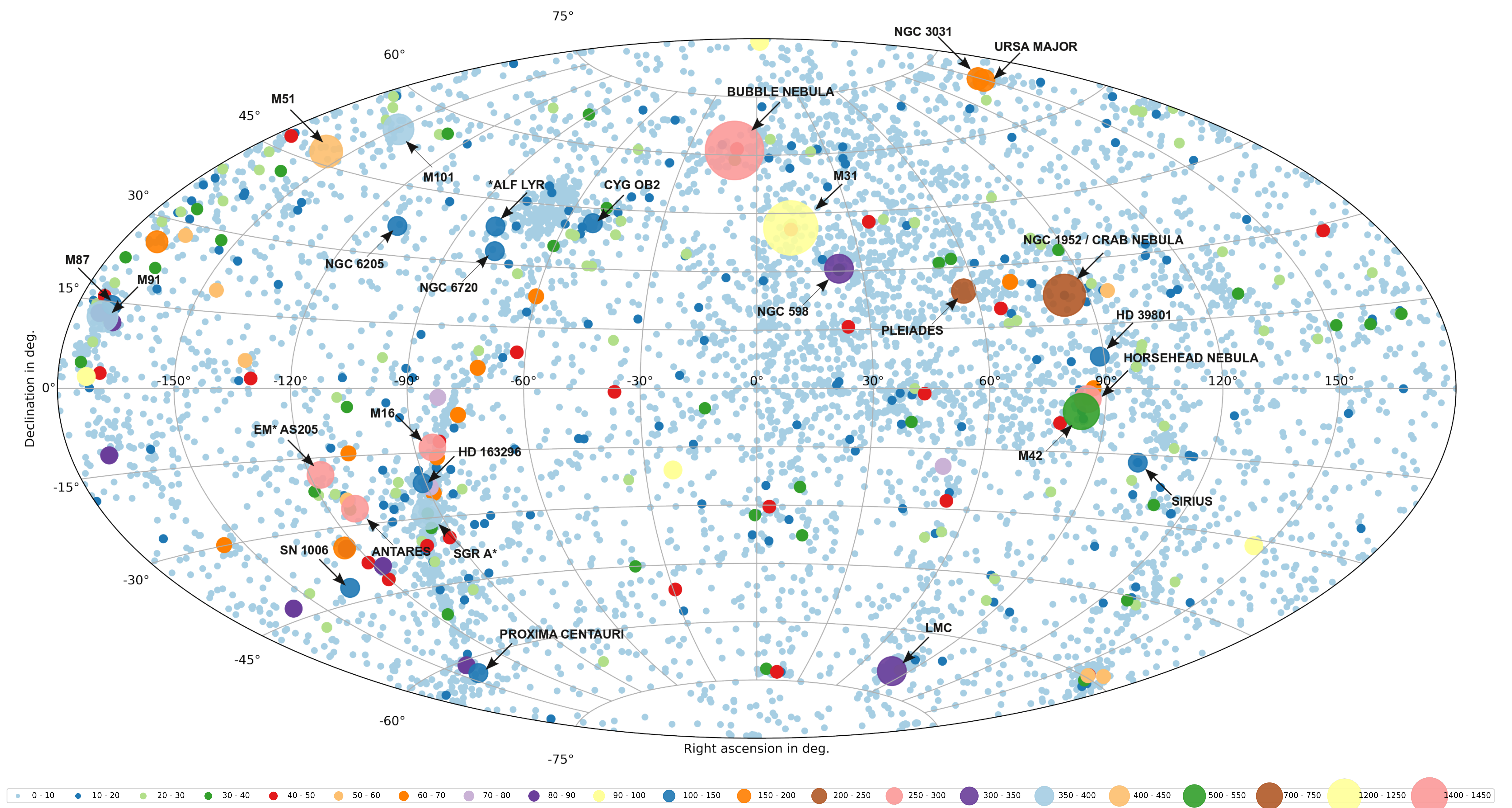


FIGURE 1

Searched by objects in 2021 (January - October) - 7 291 points

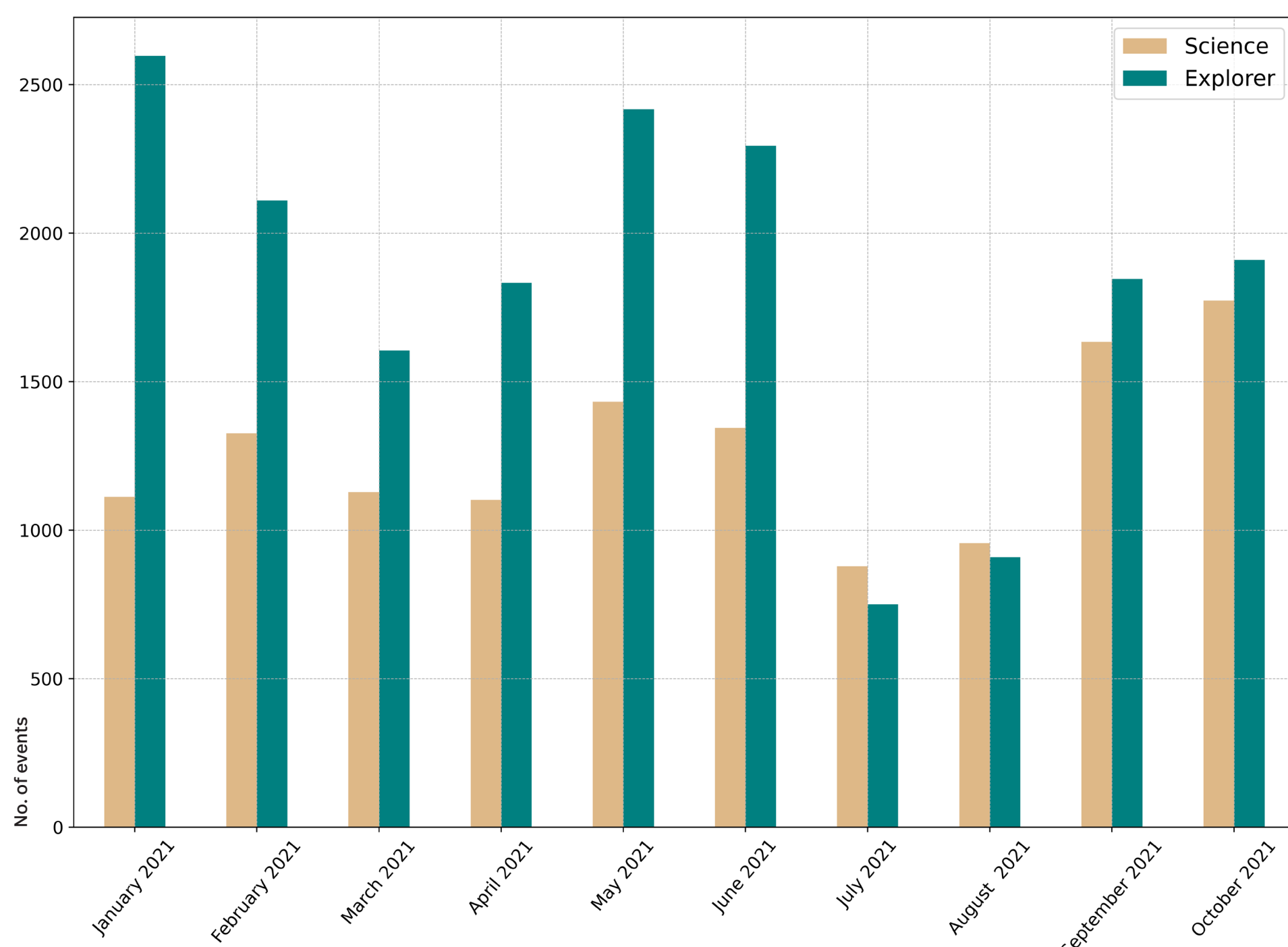


FIGURE 2

Welcome dialog window mode 2021 (Jan-Oct)

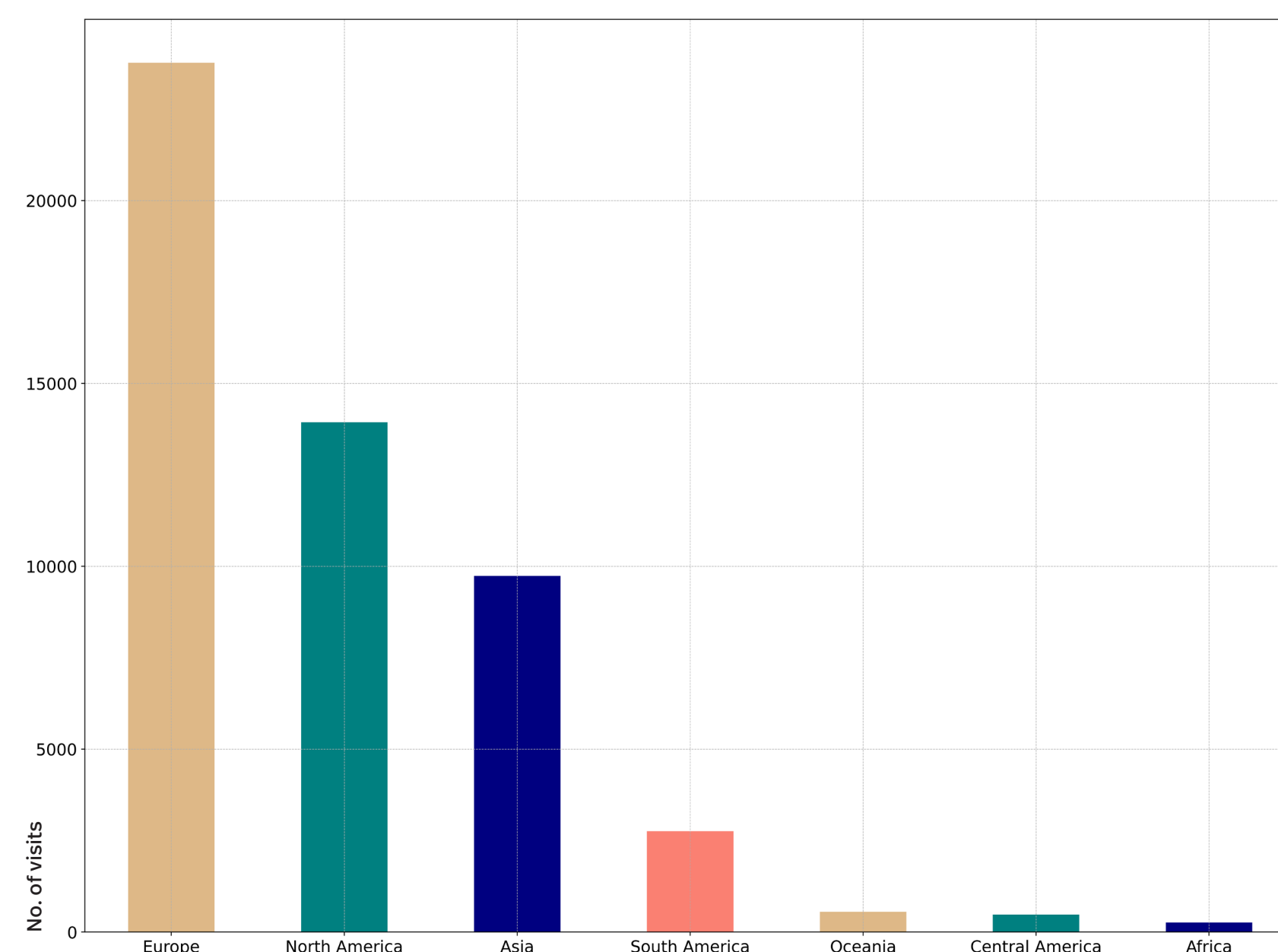


FIGURE 3

Visits from continents 2021 (Jan-Oct)

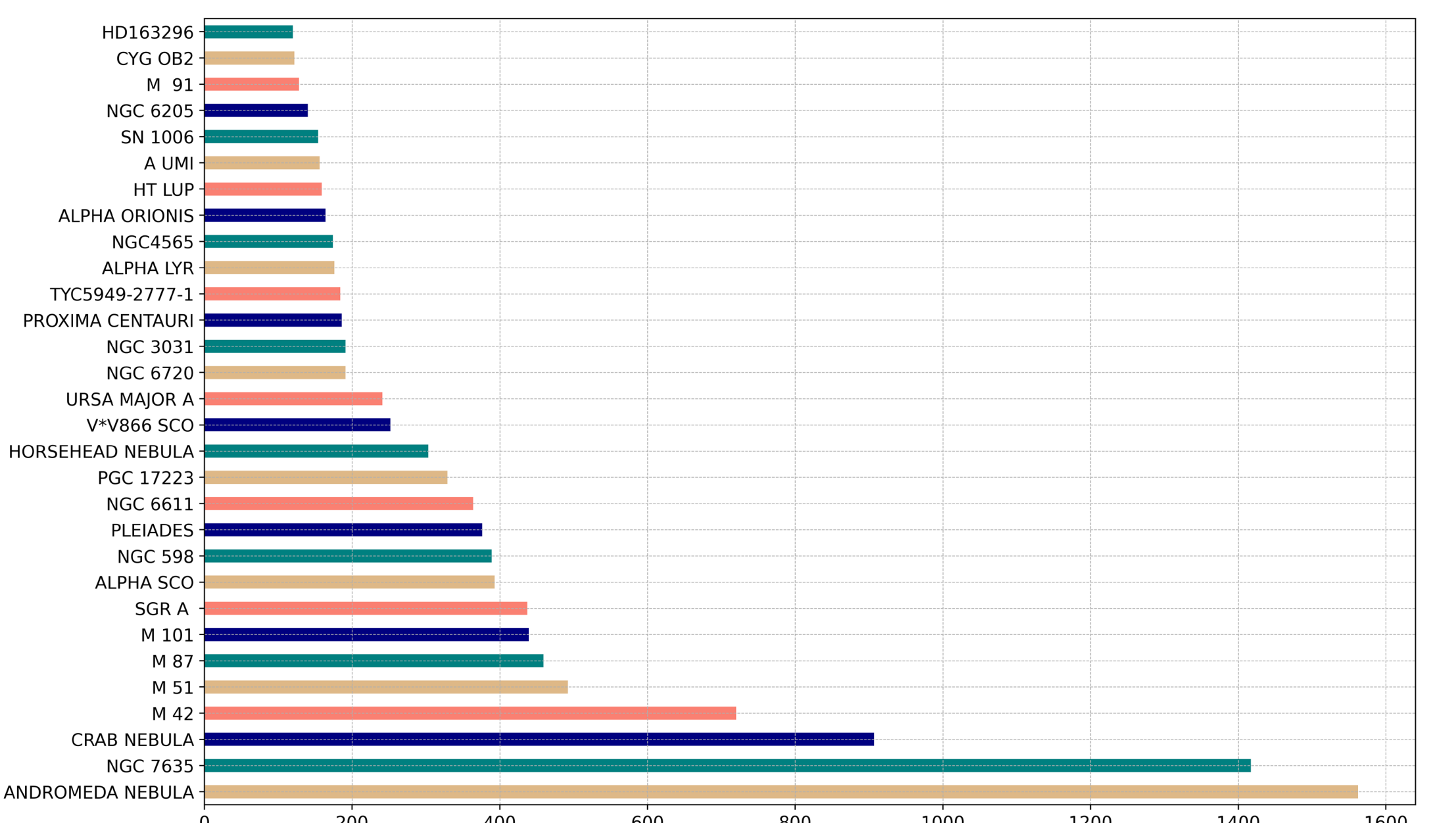


FIGURE 4

Top 30 searches October 2020 - October 2021

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Interactive poster

