
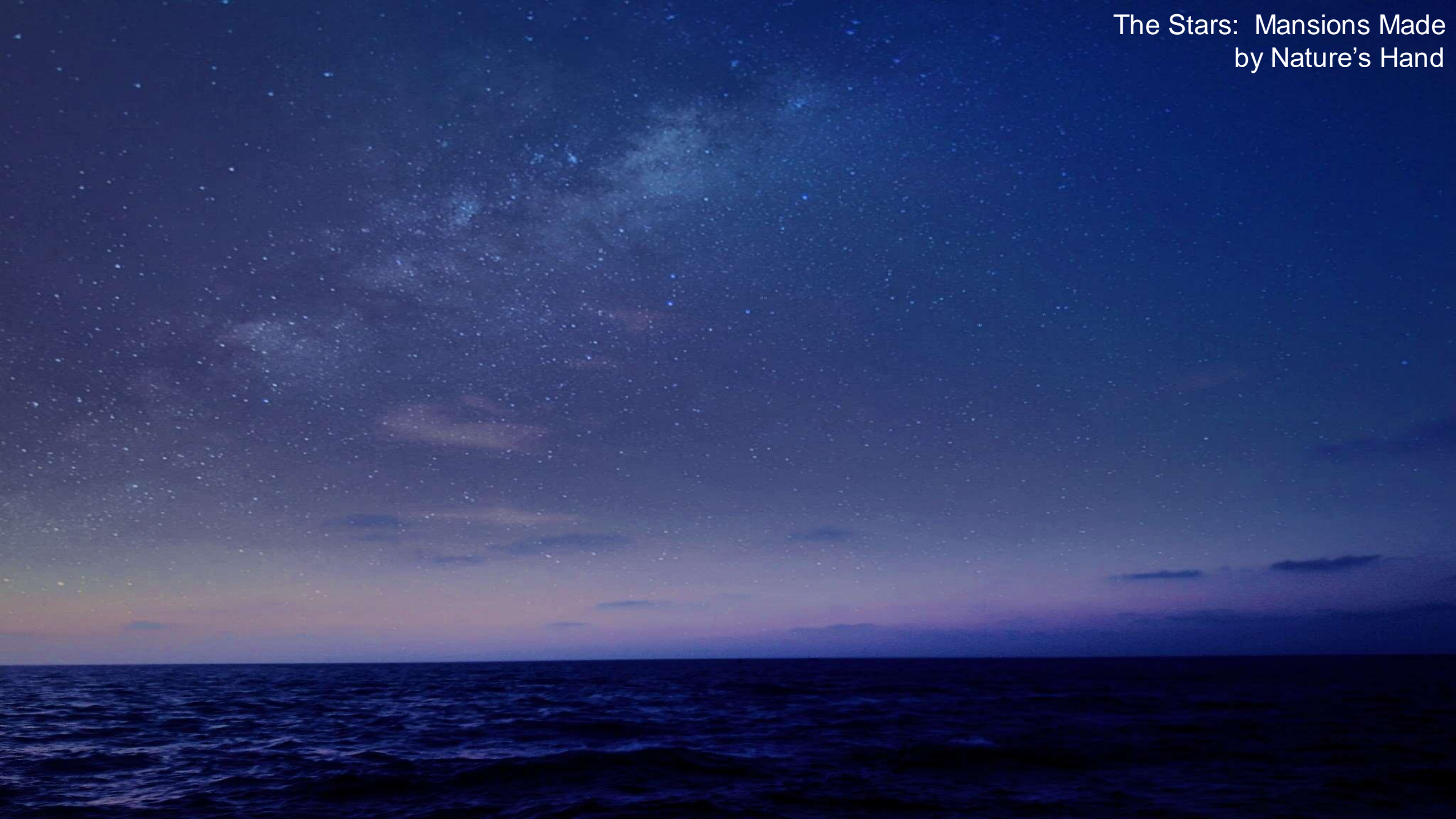


The Stars: Mansions Made by Nature's Hand



Megan K. Pickett
Physics Department
Lawrence University

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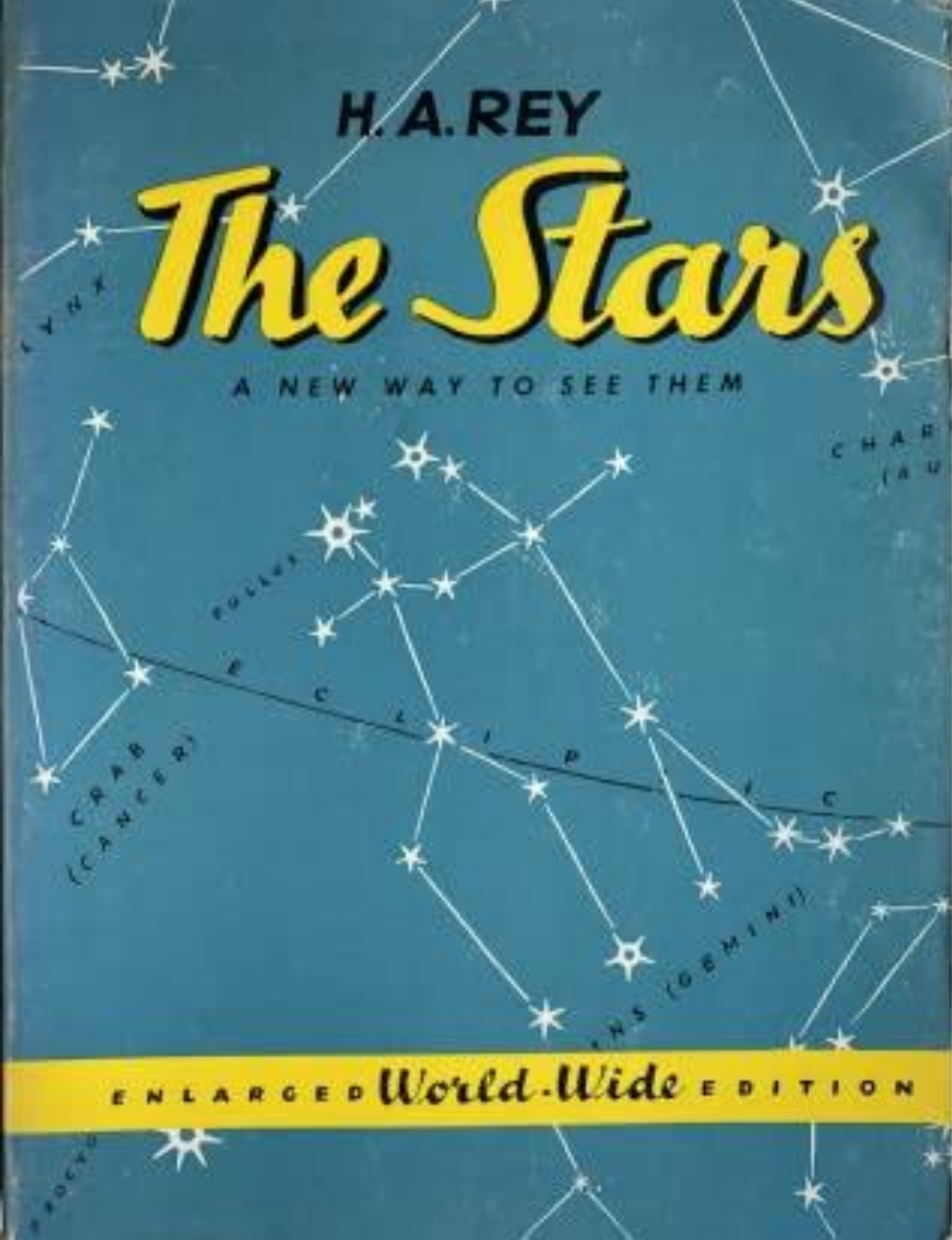


Figure 1: The Twins—A Group of Stars



Figure 2: The Twins—Allegorical



Figure 3: The Twins—Geometrical

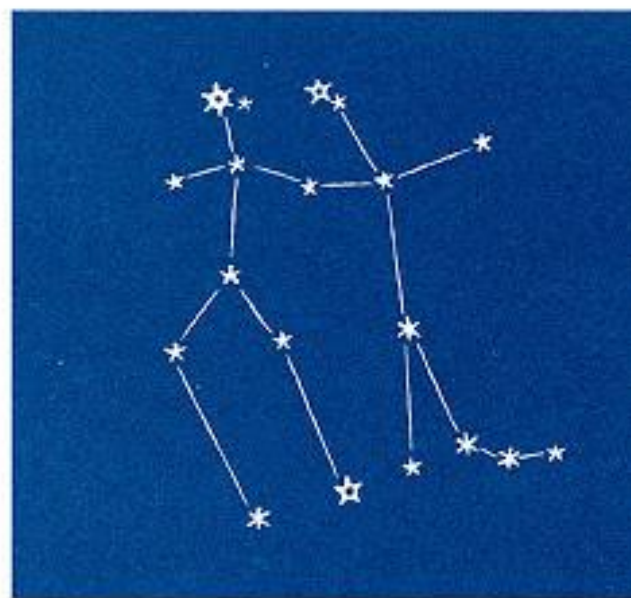


Figure 4: The Twins—Graphic

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BETELGEUSE



MEISSA



BELLATRIX



π Orionis



ORION'S BELT



ALNITAK, ALNINAM, MINTAKA

ORION'S SWORD



RIGEL



SAIPH



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BAIT-AL-JAUZA

AL-MAISAN

BELLATRIX

The Three Kings
The Three Sisters
The Three Zebras

AN-NITAQ, AN-NIZAM, MANTAQAH

参

Hapj
Shravan
The Canoe

The Arrow
The Canoe

SAIPH AL JABBAR

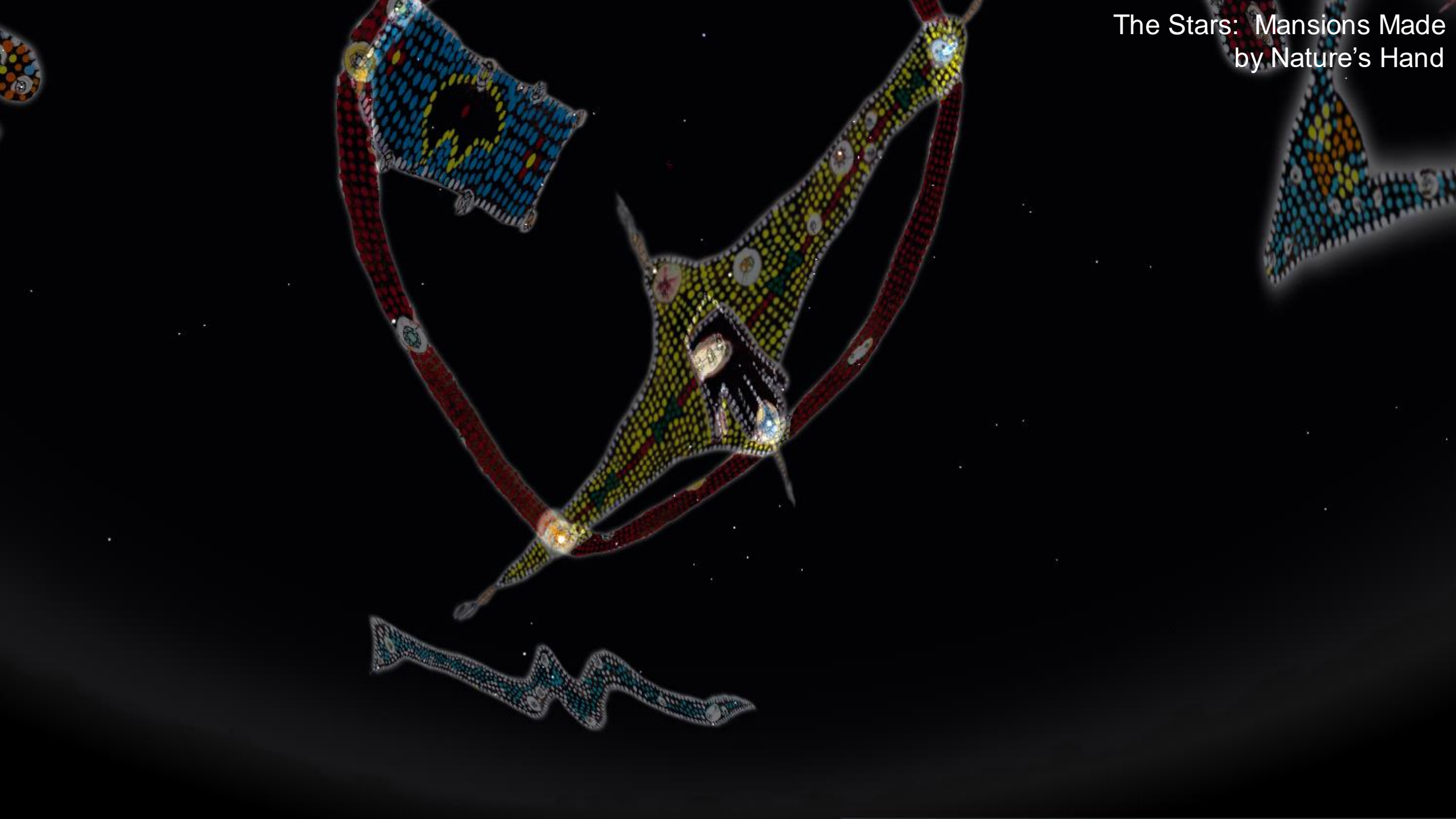
RIGL-JAUZA AL-YUSRA



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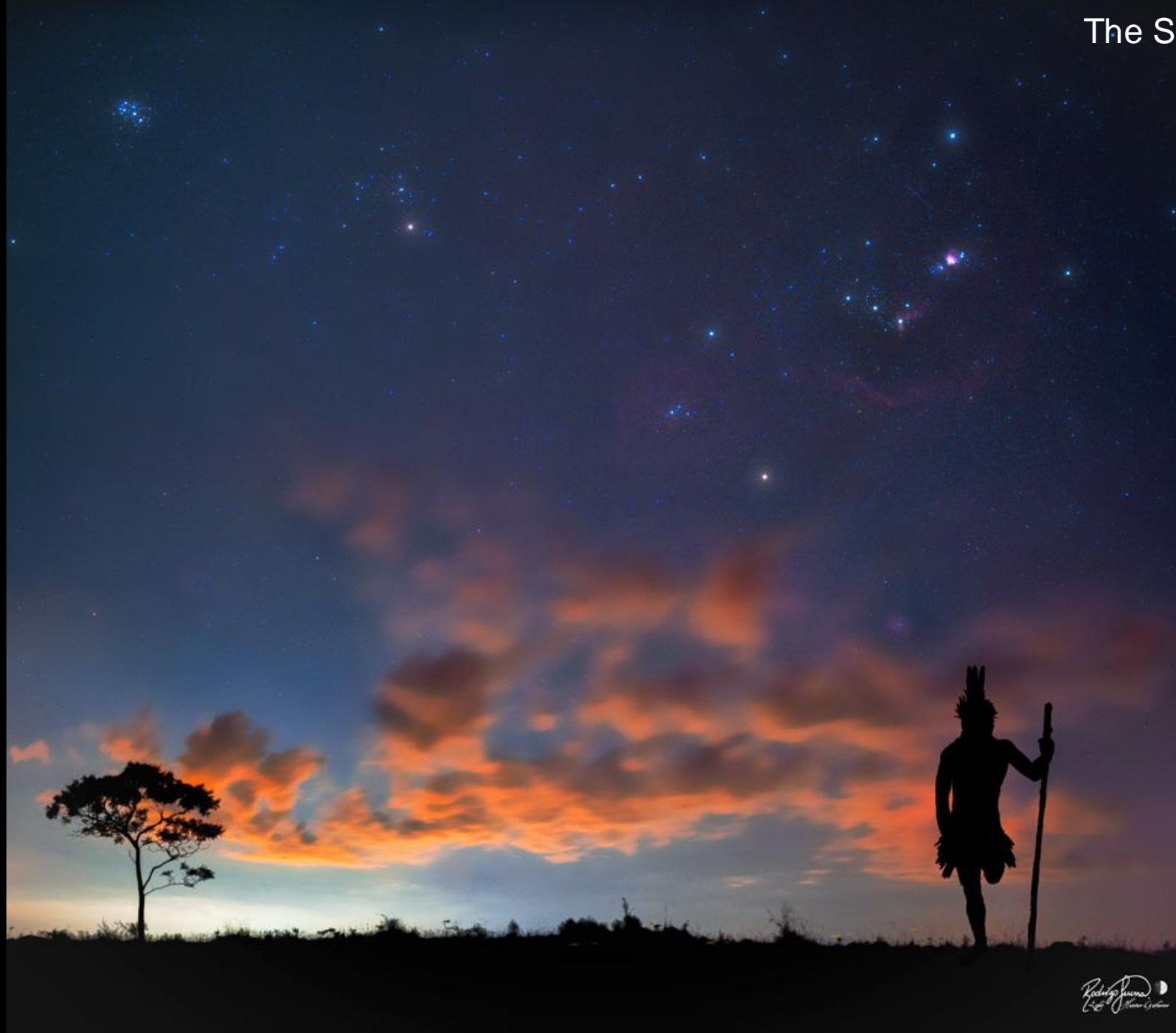
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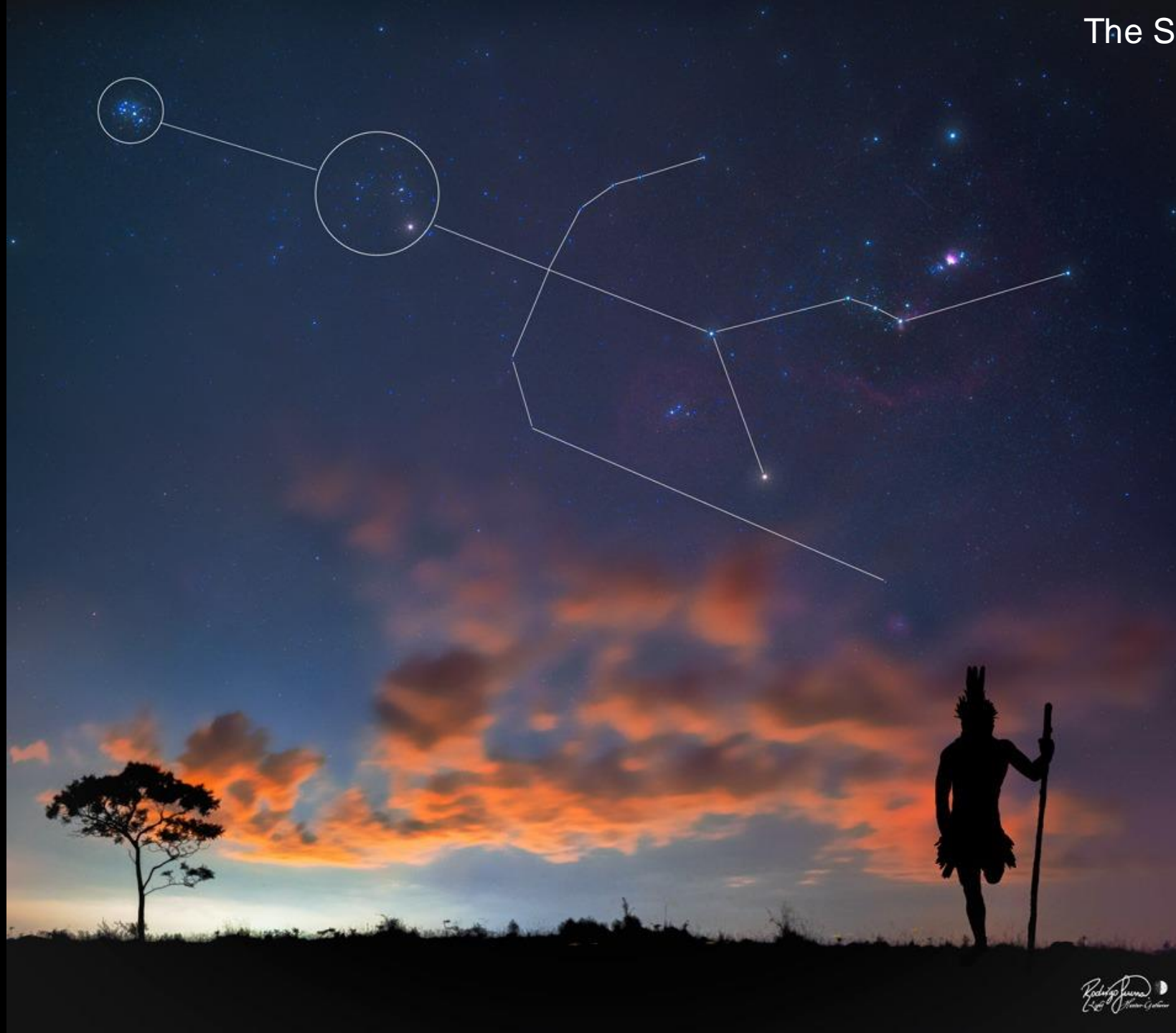
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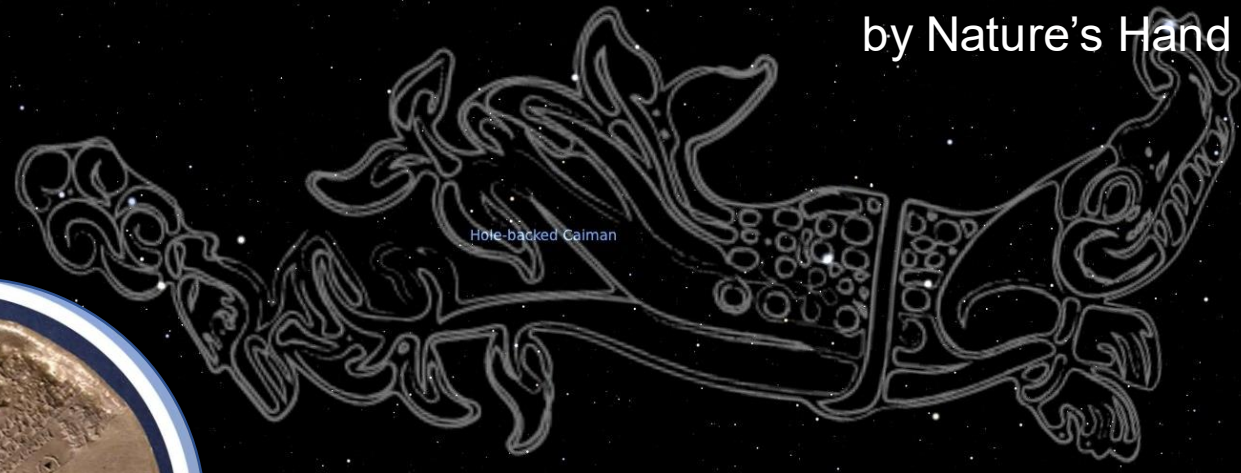
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TomiteBoshi

UrukiBoshi

InamiBoshi

HikitsuBoshi

MiBoshi

AshitareBoshi

NakagoBoshi

SoiBoshi

TomoBoshi

AmiBoshi

SuBoshi

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LIGHT POLLUTION

Best skies: 5,000 stars

Suburban skies: 500 stars

City skies: 50 or fewer

International Dark Sky Association
<https://www.darksky.org/>

Light Pollution Affects Us All!



Wildlife



Health



Energy



Heritage



Safety

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INTERNATIONAL
DARK-SKY
ASSOCIATION

International Dark Sky Association
<https://www.darksky.org/>


Search

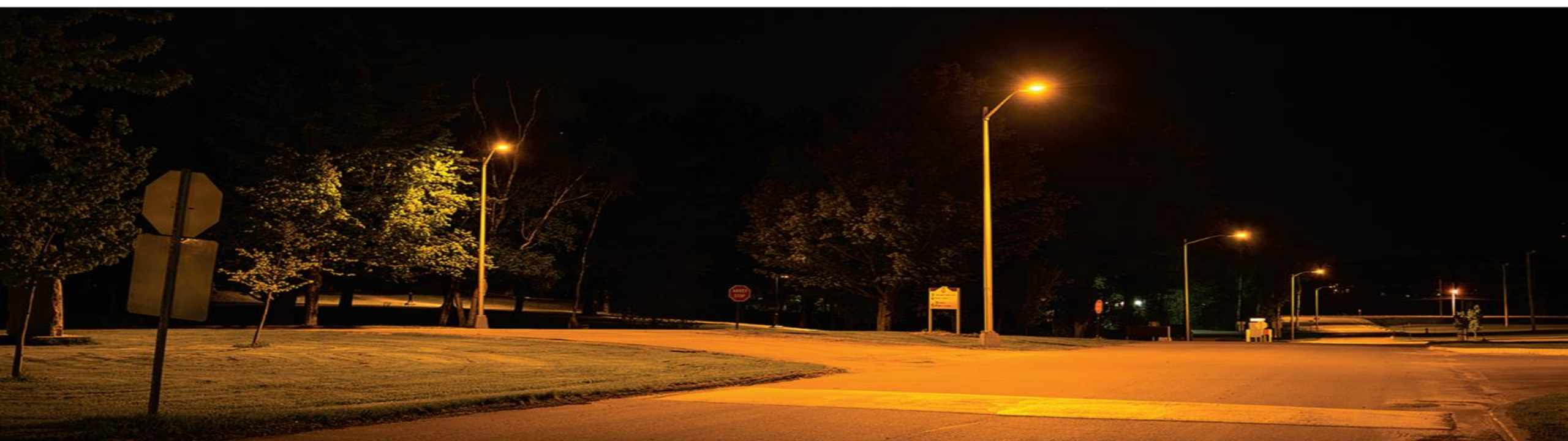
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Celebrating
MORE THAN
100
INTERNATIONAL DARK SKY PARKS
DESIGNATED.

FIND ONE NEAR YOU!

The International Dark-Sky Association works to protect the night skies for present and future generations.

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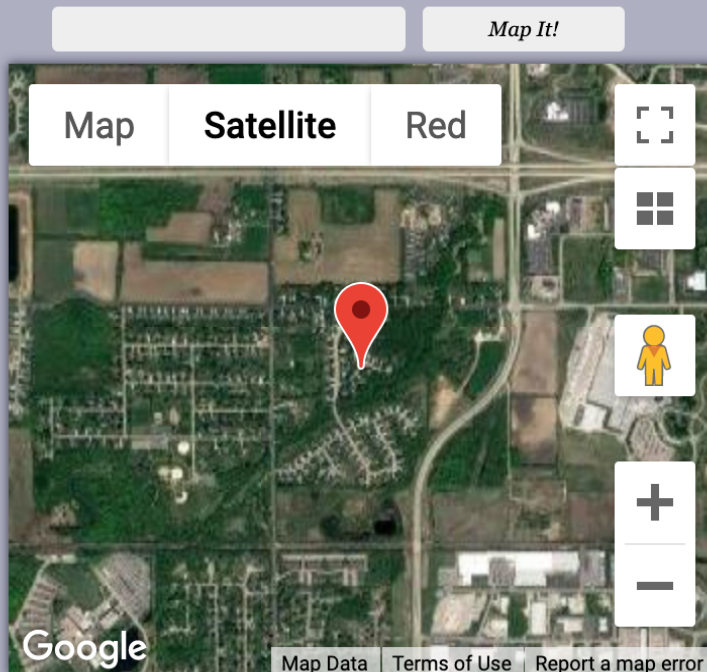
1 When did you make your observations?

Observation Date
(yyyy/mm/dd) 2021/05/18

Observation Time
(24 hour time) 21:56

Switch to [Daytime version](#).

2 Where did you make your observations?



Location correct: ☒

[Reset GPS](#)

Latitude: 44.212433205872344
Longitude: -88.5015799432637
Elevation: 238.85 meters

Country:

Location comments

3 How dark was the sky that night?



Constellation: Boötes

4 What were sky conditions like that night?



Clear



1/4 of the sky



1/2 of the sky



More than 1/2 of

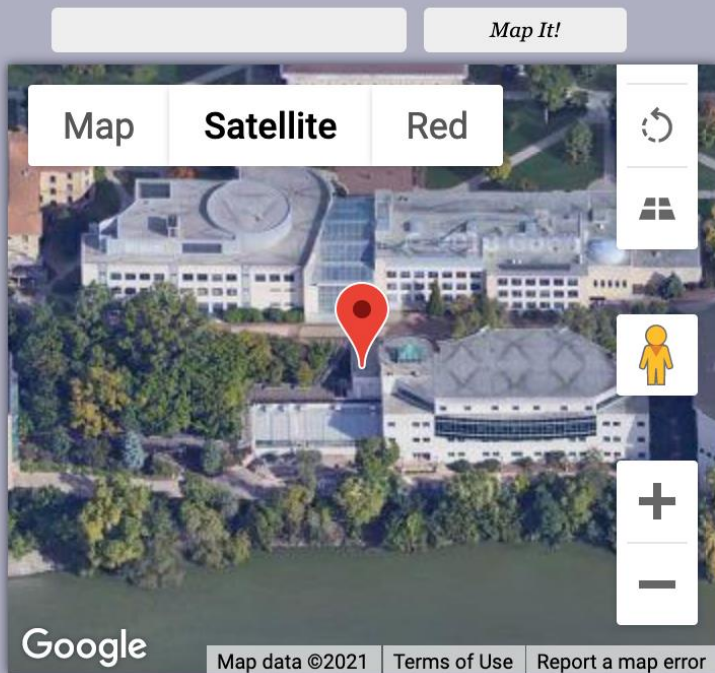
1 When did you make your observations?

Observation Date
(yyyy/mm/dd)

Observation Time
(24 hour time)

Switch to [Daytime version](#).

2 Where did you make your observations?



Location correct: ☐

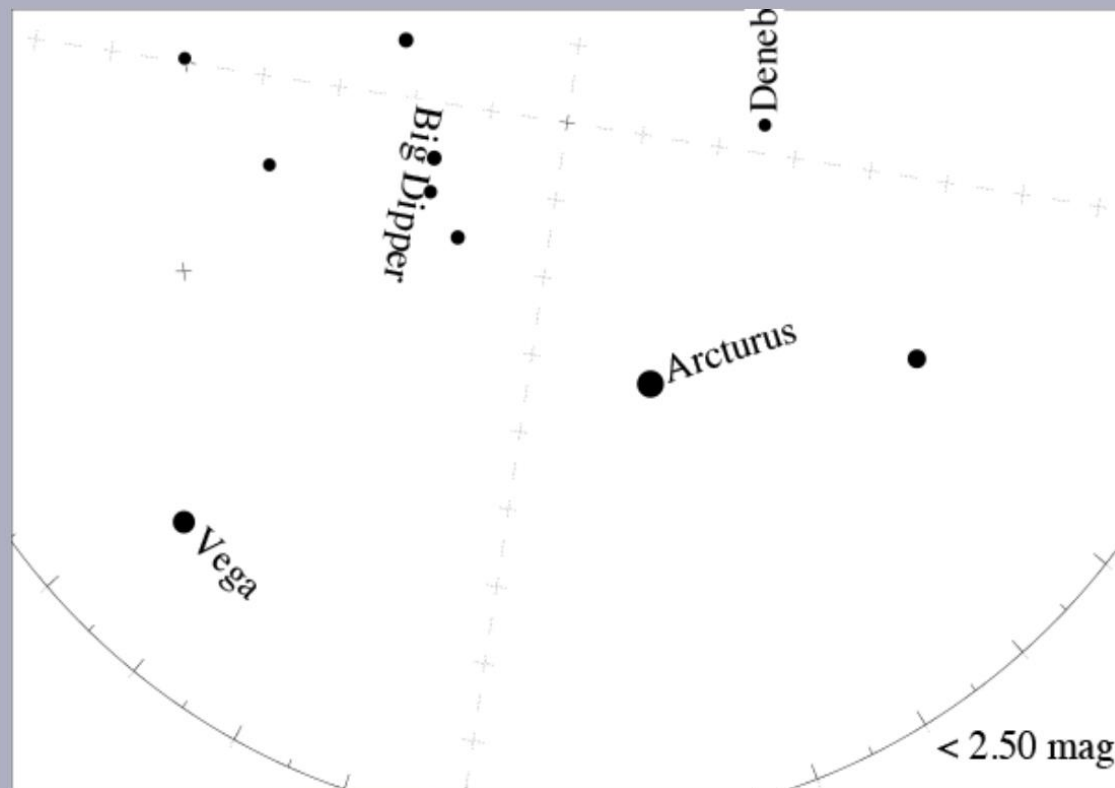
[Reset GPS](#)

Latitude: 44.2601386826463
Longitude: -88.39964783637498
Elevation: 235.08 meters

Country:

Location comments

3 How dark was the sky that night?



Constellation: Boötes

4 What were sky conditions like that night?



Clear



¼ of the sky

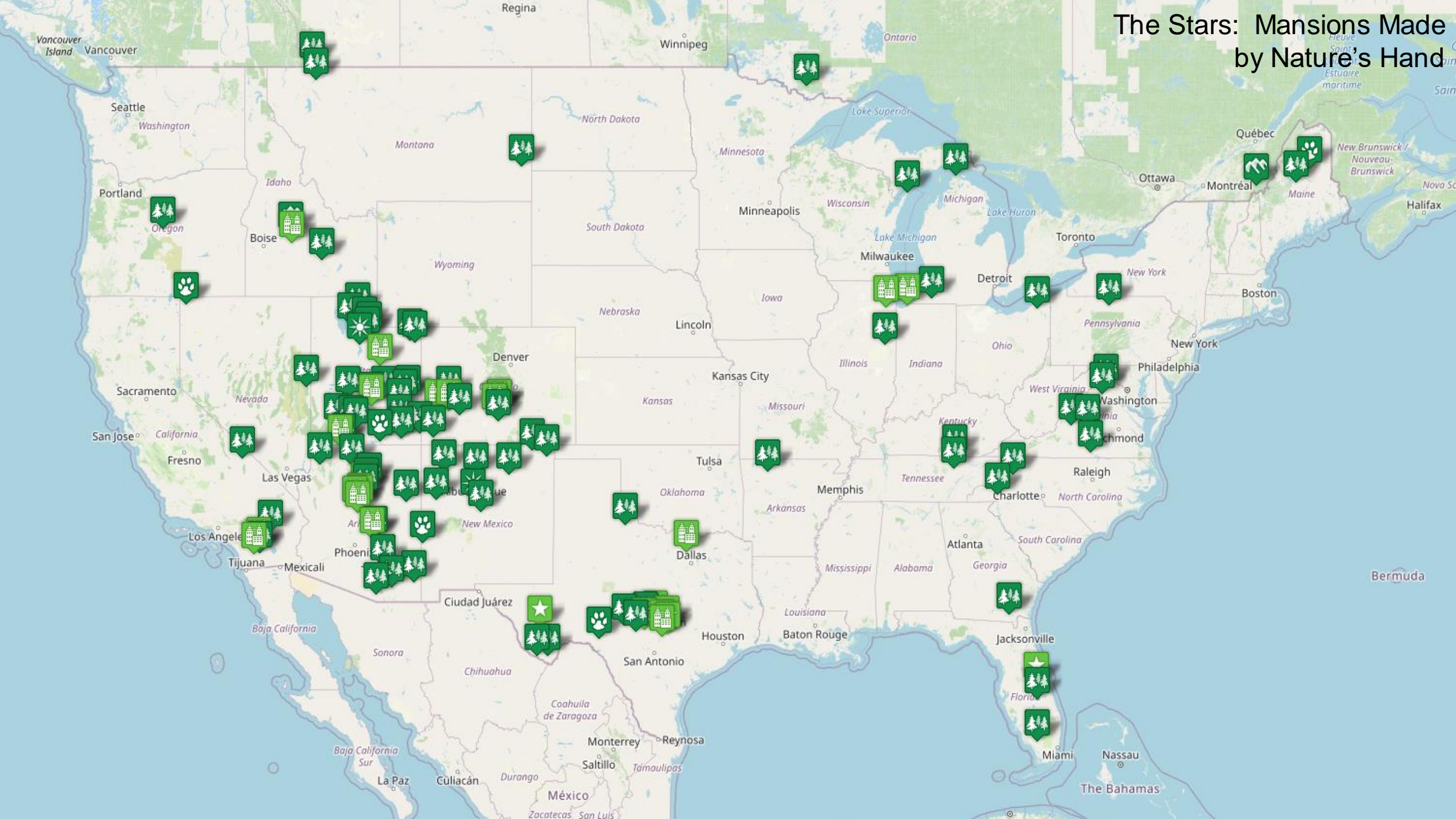


½ of the sky



More than ½ of

Our Hand



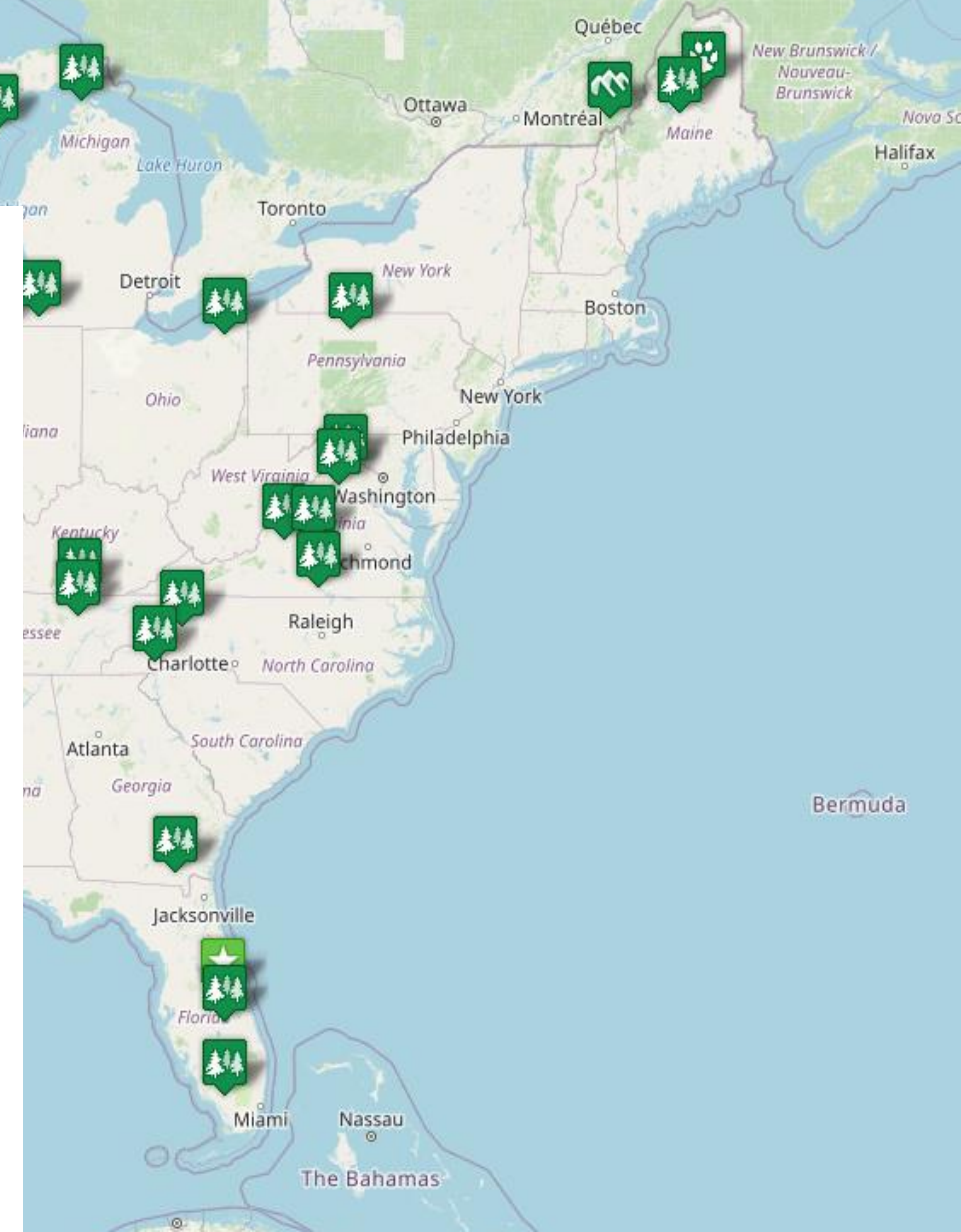
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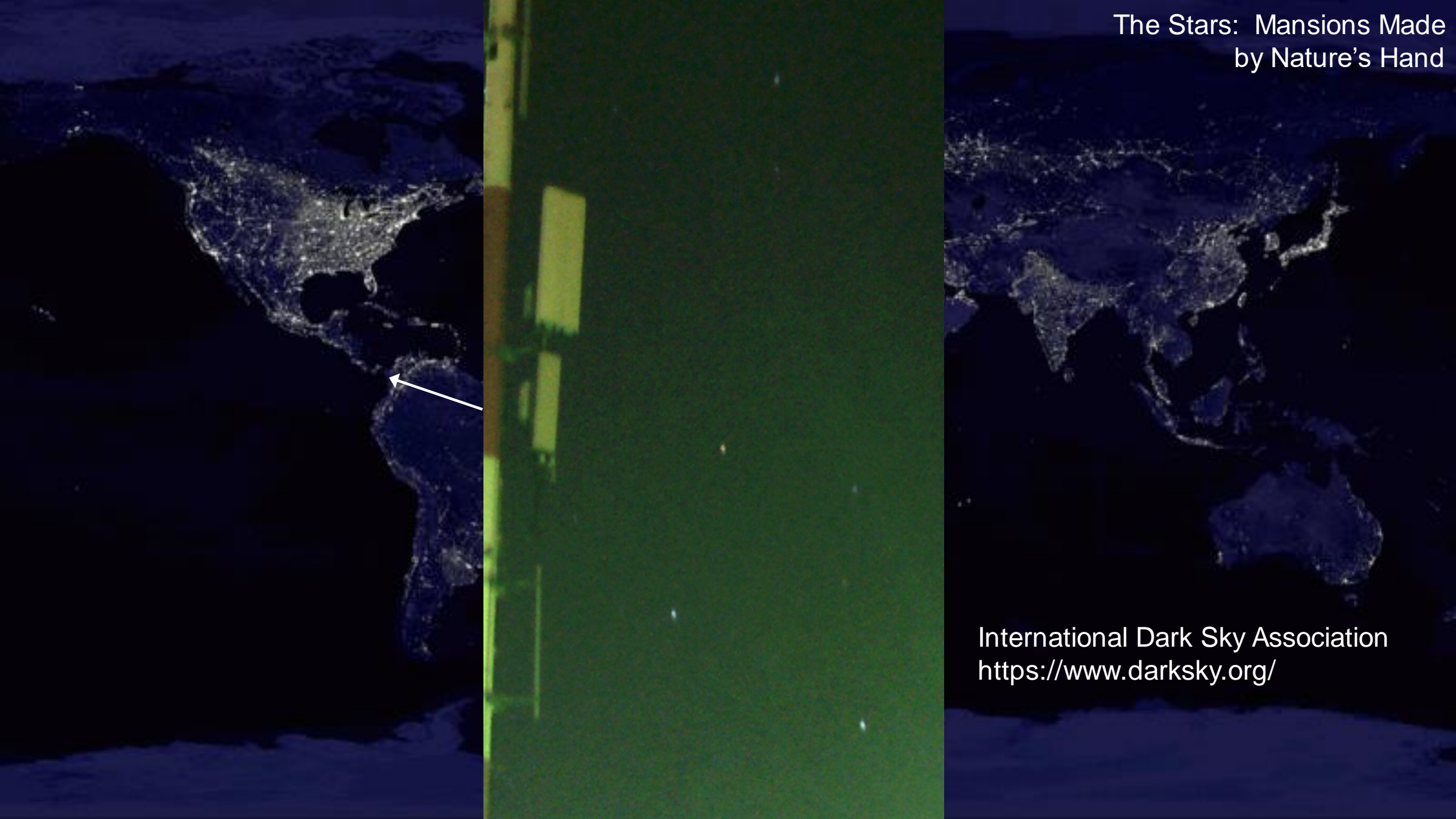


Newport State Park (U.S.)



Europe Bay at Newport State Park with aurora and the Pilot Island Lighthouse in the background. Photo by Denny Moutray.





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