FALL-ing Stars

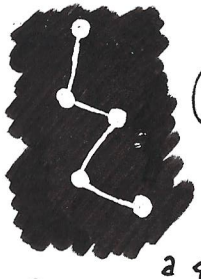
a guide to the autumn night sky

To see the night sky, you just need your eyes!

(for some fainter things, like galaxies, you would need a telescope or binoculars)

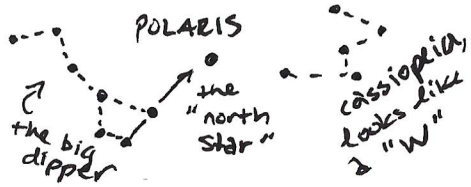
In this guide... we'll cover some constellations + interesting things in the fall night sky, for anyone in the Northern hemisphere.

meet CASSIOPEIA THE QUEEN



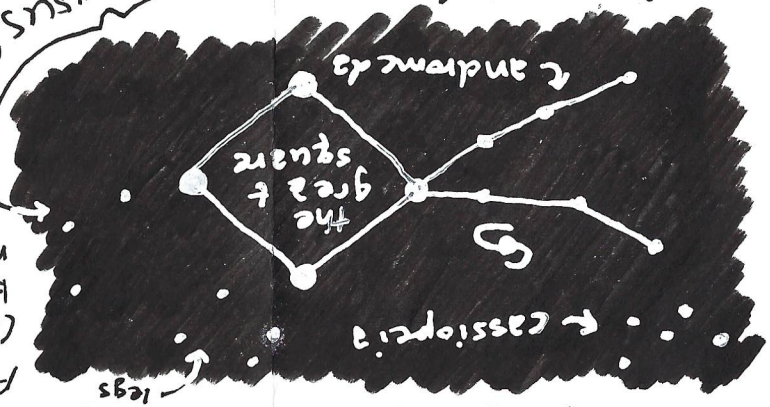
Cassiopeia was a queen in ancient Greece, vain and boastful. She was punished by the gods, forever stuck on her throne in the sky - sometimes, it's upright; others it's upside down, putting her in danger of falling.

HOW TO FIND HER:



meet cassiopeia's neighbor...

THE GREAT SQUARE of PEGASUS



pegasus (a.k.a. the body of the mythical winged stallion)

the galaxy symbol (♋) represents M31, the andromeda galaxy. in extremely dark skies, you can even see it without binoculars or a telescope

pegasus's great square has 3 of the brightest stars - count up in andromeda, is in andromeda's "dainsed" woman

the Orionids

- what are the orionids? the fall's biggest/brightest meteor shower. 20-25 meteors/hour from october to early November!
- what is a meteor shower? when Earth passes thru a cloud of debris, we see meteors - pieces of rock burning up in the atmosphere
- how are they named? for the constellation they appear near in the sky!

LIGHT POLLUTION

FAQ: why can't I see some of the objects in this guide?

in big cities, bright lights from homes, buildings, street lights, all up the sky with "noise" this makes it harder to see faint astronomical objects. ★ how can you help?? ★ turn off lights, - visit darksky.org

WANT MORE STARS?

here are some resources:

skyandtelescope.com
astronomy.com ★
space.com

these have up to date monthly info, like how to see the planets!

check out our other guides! ★

Etsy: astrobriles

Twitter: @briles_34 ★

www.briley-lewis.com ★