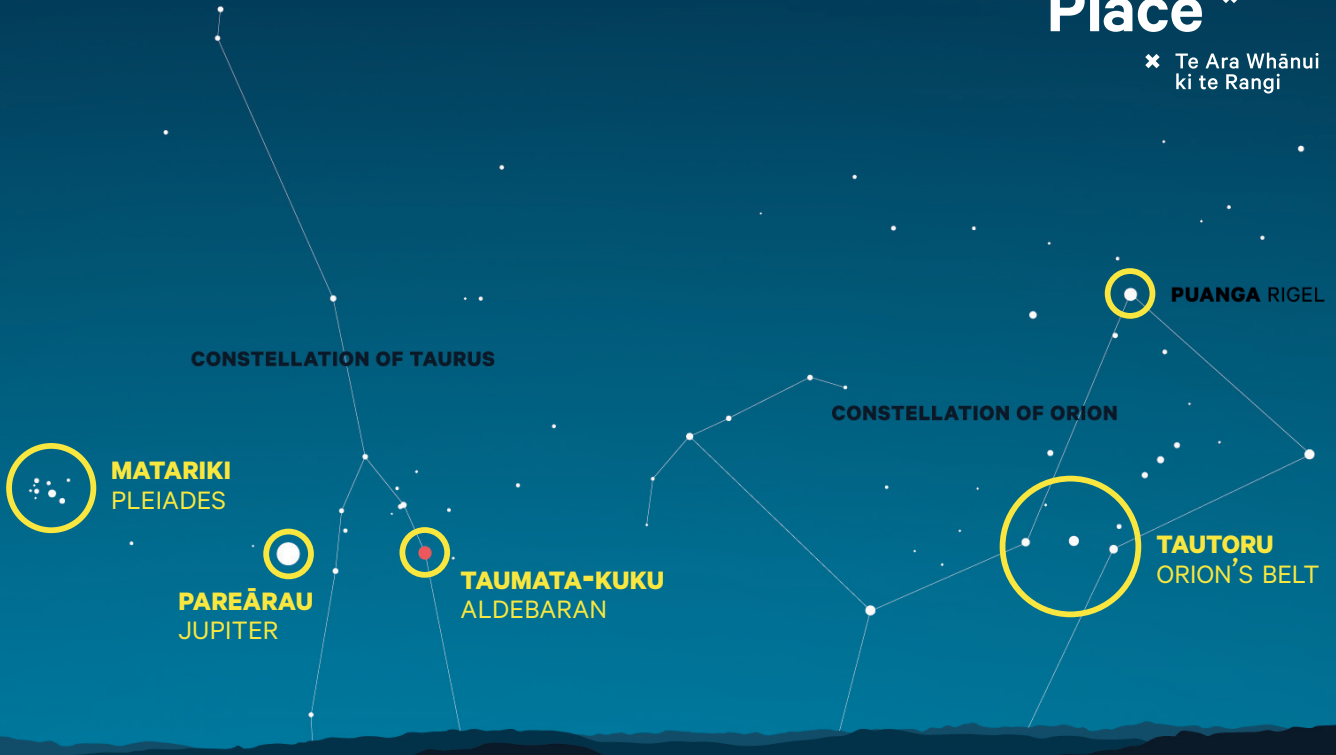


● **MATAWHERO**
MARS

Space Place

✕ Te Ara Whānui
ki te Rangī



Finding Puanga and Matariki

Ka puta Matariki, ka rere Whānui, ko te tohu o te tau.

Matariki appears as Whānui flees; this is the sign of the new year.

Puanga and the Matariki star cluster appear in our morning sky in midwinter. To many iwi, the rising of Puanga and/or Matariki along with a Tangaroa (waning crescent) phase moon signifies the beginning of the Māori New Year.

To find these stars, look to the east before sunrise in late June and:

- ① Find the three stars of **TAUTORU ORION'S BELT**
- ② Find the bright star above, this is **PUANGA RIGEL**
- ③ Find **TAUMATA-KUKU ALDEBARAN** and **PAREĀRAU JUPITER** in the constellation of Taurus.
- ④ Draw a horizontal line going through Tautoru, Taumata-Kuku and Pareārau.
MATARIKI is the small cluster of stars that will appear just above the line to the left of Taurus.