

Australian
Eclipse
2023



Detailed map
of Australia

Australia



Hybrid Solar Eclipse April 20, 2023

Philadelphia to LA







Sydney to Perth









Perth, Western Australia







Gary A. Becker image



















REMEMBER THOSE MEN OF THE 27th INFANTRY BATTALIONS

FREEDOM OF THE WORLD

CORRECTION TABLE

JUL. 20	add 23 mins
AUG. 9	add 22 mins
AUG. 29	add 18 mins
SEPT. 19	add 16 mins
OCT. 8	add 4 mins
OCT. 28	add 0 mins
NOV. 17	add 3 mins
DEC. 7	add 8 mins
DEC. 27	add 17 mins

CORRECTION TABLE

JAN. 1	add 20 mins
JAN. 21	add 28 mins
FEB. 10	add 31 mins
MAR. 2	add 29 mins
MAR. 22	add 24 mins
APR. 11	add 18 mins
MAY 1	add 14 mins
JUN. 10	add 16 mins
JUN. 30	add 20 mins







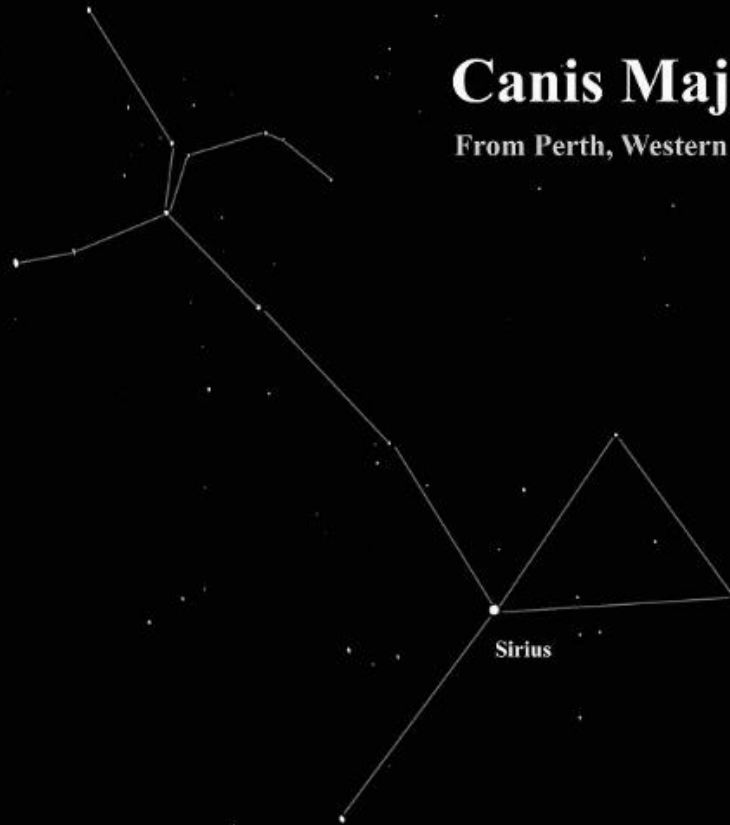


Langley Park



Canis Major

From Perth, Western Australia



*Pacific Explorer
and the Eclipse*















Venus and Aldebaran







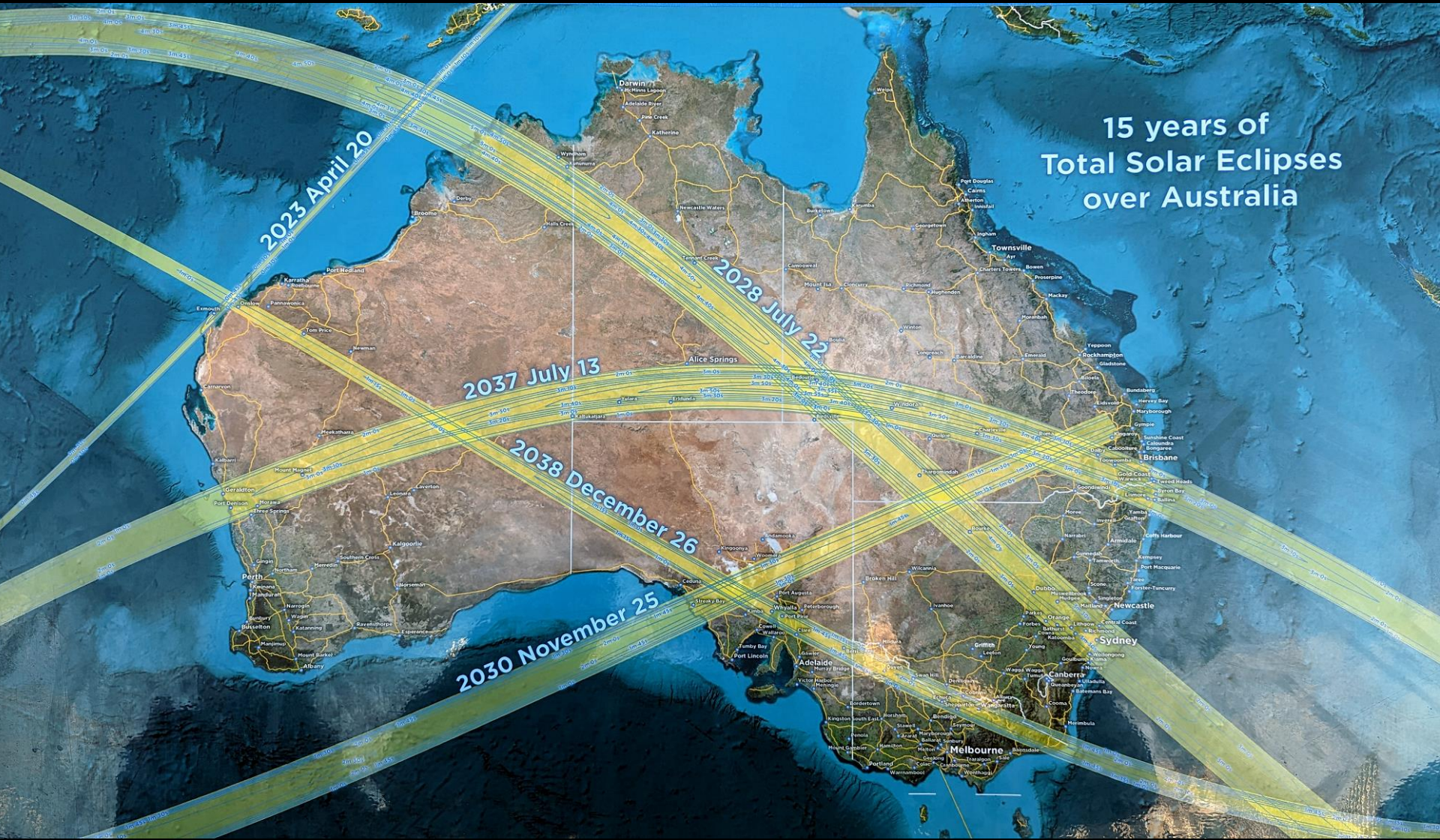




Handheld Exposures of Orion, Taurus, and Venus



15 years of Total Solar Eclipses over Australia



North West Coast Path of Totality April 20, 2023



Day of the Solar Hybrid Eclipse

























Peter K. Detterline image

















Green Flash



Franklin River, Western Australia



Perth to Franklin River





Gary A. Becker image



Franklin River

Dark Sky Astrophotography









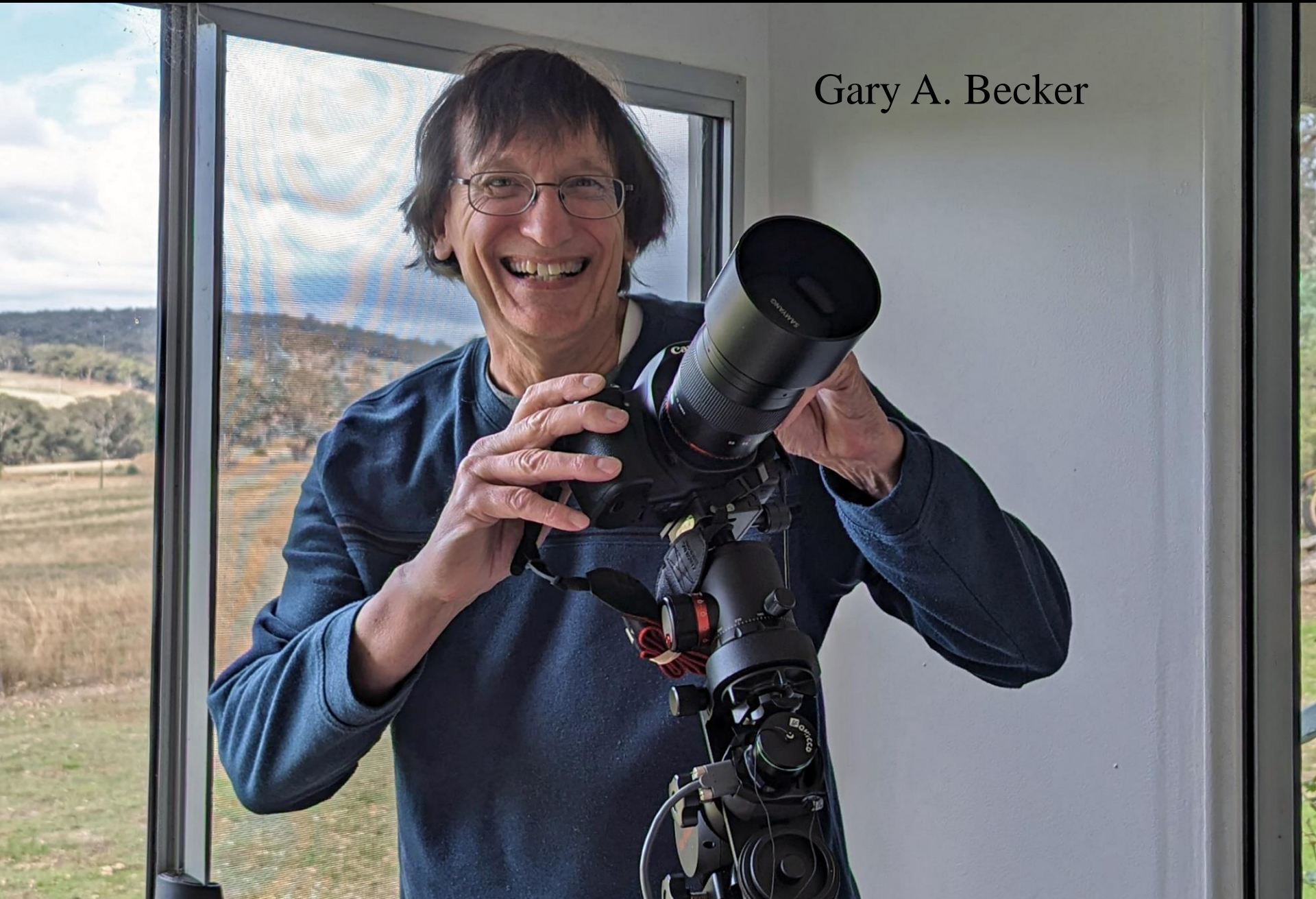








Gary A. Becker



Canis Major from Franklin
River, Western Australia



The Moon and Venus



Eta Carinae Nebula



This is the best part of the Milky Way Galaxy





Milky Way Galactic Bulge



Tarantula Nebula

Large Magellanic Cloud



Peter K. Detterline

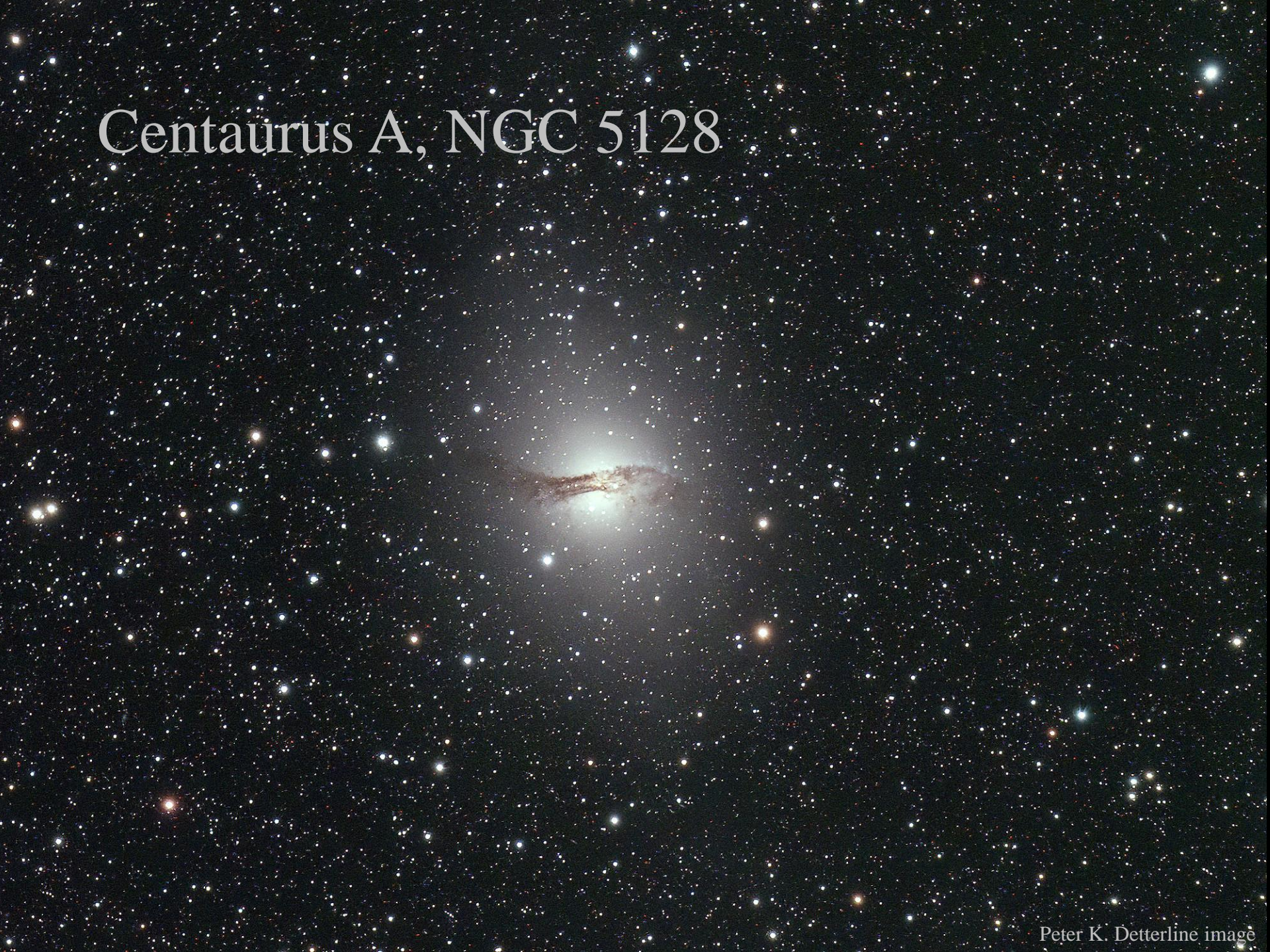


Eta
Carinae
Nebula

Omega Centauri



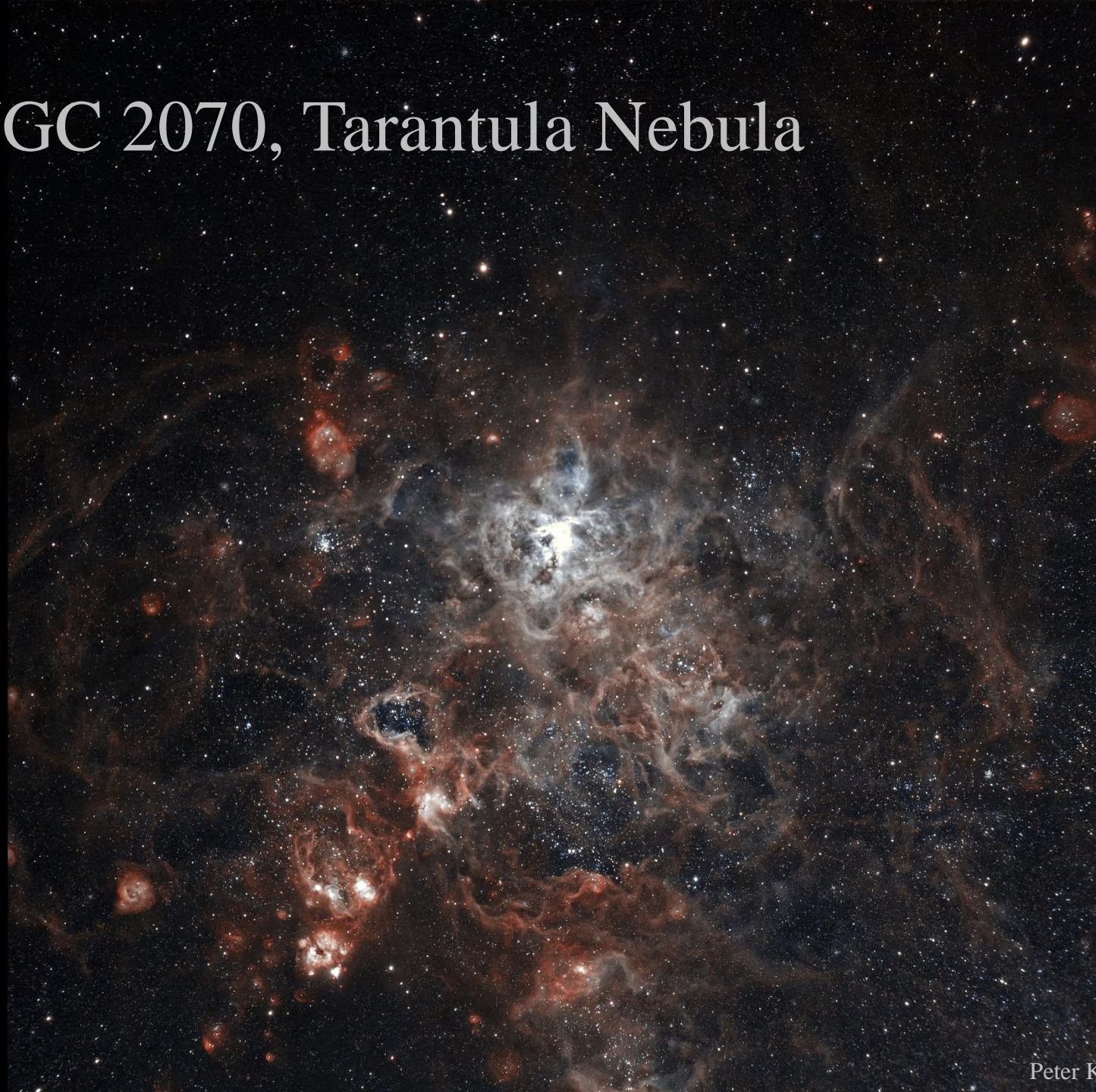
Centaurus A, NGC 5128



NGC 3324 Star-Forming Region



NGC 2070, Tarantula Nebula



A detailed astronomical image of the Lagoon Nebula (M8). The nebula is a large, irregularly shaped cloud of interstellar dust and gas, primarily emitting a reddish-orange glow. At its center, there is a bright, white, and somewhat turbulent region, likely containing the young stars that illuminate the surrounding gas. The nebula is set against a dark background filled with numerous stars of varying brightness and colors, including some prominent blue and white stars. The overall appearance is that of a vast, glowing stellar nursery.

Lagoon Nebula, M8

No Heat

















Leaving Perth, Returning to Sydney





On the Terminator

Earth's Shadow Projecting into Space



In Sydney





Gary A. Becker image

Eden, New South Wales





Our Big Day
Twofold Bay in the
Guinness Book of World
Records.

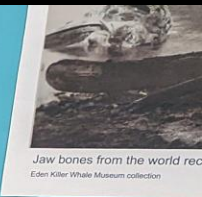


ILLUSTRATIONS.

Here is a wonderful Nature story of our own sea coast. It is a stirring description of the great battle that later raged in Twofold Bay between the largest whale of which there is record—length, 97 ft., and weight, about 100 tons—and its natural enemies, the killers. The writer finely pictures the terrific struggle, and passes on to discuss the killers, which round up the vastest numbers for the whalers. It is a Jack London story without imaginative flight—it is abnormally interesting reality.

ILLUSTRATIONS—

One of the Killers.
An Attack by Killers.
On the Lookout—Twofold Bay.
The Whaling Crew.
Cutting Up the Monster.



WHALING POT
USED FOR COOLING DOWN OIL AFTER
EXTRACTION FROM BLUBBER

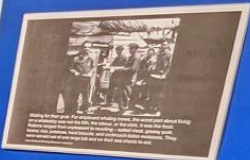


The Bay and Bait

The whaling industry in the Bay of Islands was a seasonal one, with the whaling season lasting from the end of May to the end of September. The whaling boats were built of wood and were designed to be light and maneuverable. They were crewed by men who were skilled in the art of whaling. The whaling industry was a vital part of the local economy and provided a source of income for many of the people who lived in the Bay of Islands.



The whaling industry in the Bay of Islands was a seasonal one, with the whaling season lasting from the end of May to the end of September. The whaling boats were built of wood and were designed to be light and maneuverable. They were crewed by men who were skilled in the art of whaling. The whaling industry was a vital part of the local economy and provided a source of income for many of the people who lived in the Bay of Islands.



A Hard Way

Despite the harsh lifestyle, the whaling industry was a source of pride for many of the people who lived in the Bay of Islands. The whaling boats were built of wood and were designed to be light and maneuverable. They were crewed by men who were skilled in the art of whaling. The whaling industry was a vital part of the local economy and provided a source of income for many of the people who lived in the Bay of Islands.

Parkes Radio Telescope









Coonabarabran, New South Wales





Siding Spring National Observatory



Australia's
158-inch
Telescope





Gary A. Becker image



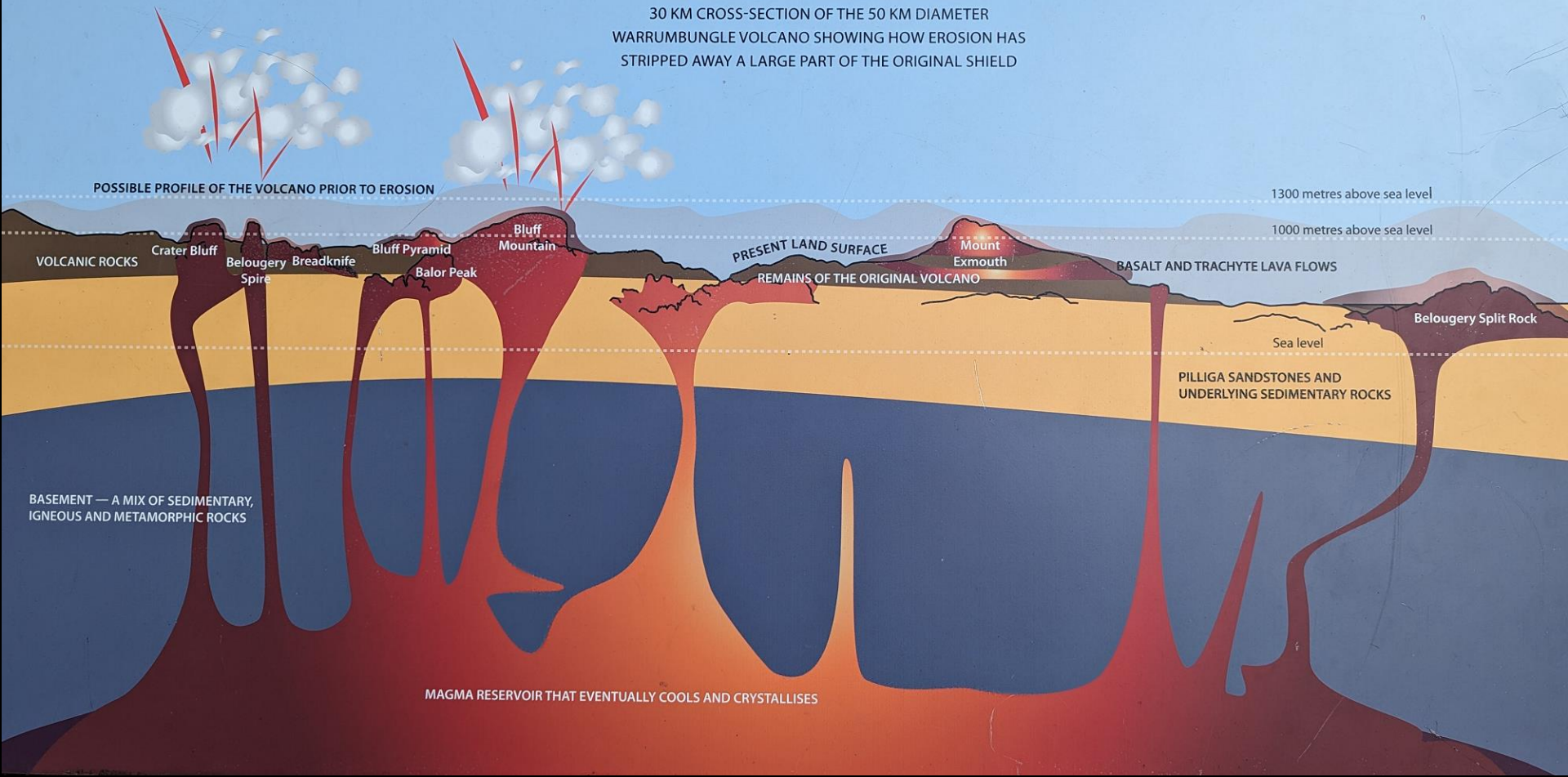






Warrumbungle
Dark Sky Park

30 KM CROSS-SECTION OF THE 50 KM DIAMETER
WARRUMBUNGLE VOLCANO SHOWING HOW EROSION HAS
STRIPPED AWAY A LARGE PART OF THE ORIGINAL SHIELD













Gary A. Becker image



Mendooran Post Office, New South Wales



Rural Transaction Centre

Thank you
for supporting
this locally
owned and
operated
Post Office

A PO Box is your address
away from home

SORTING OF







Blue Mountains, West of Sydney





Peter K. Detterline image



Sydney

A low-angle, upward-looking photograph of several modern skyscrapers in Sydney, Australia, under a clear blue sky. The buildings feature glass facades and curved architectural elements. A crane is visible on the left, and tree branches frame the top of the image.



Gary A. Becker image



























Homeward Bound in LA









Philadelphia



La Fin