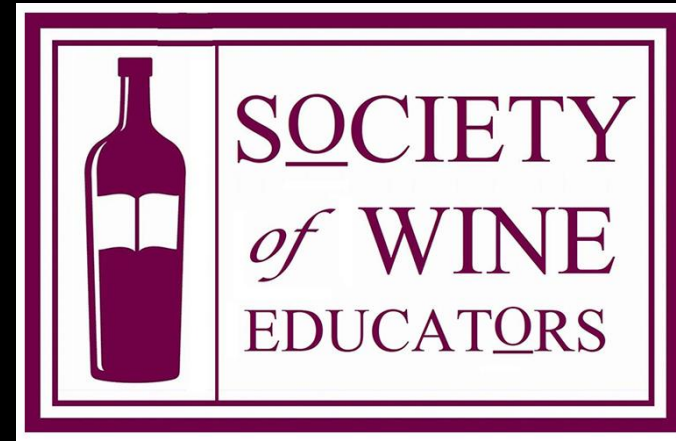


**AUSTRALIAN
WINE**

**MADE
OUR
WAY**



**Do Old Vines Make
Better Wines?**

Thursday, August 11th, 2022

AUSTRALIAN WINE
MADE OUR WAY

Do Old Vines Make Better Wines



AUSTRALIAN WINE DISCOVERED



**WHY IS AUSTRALIA
HOME TO SUCH OLD VINES ?**

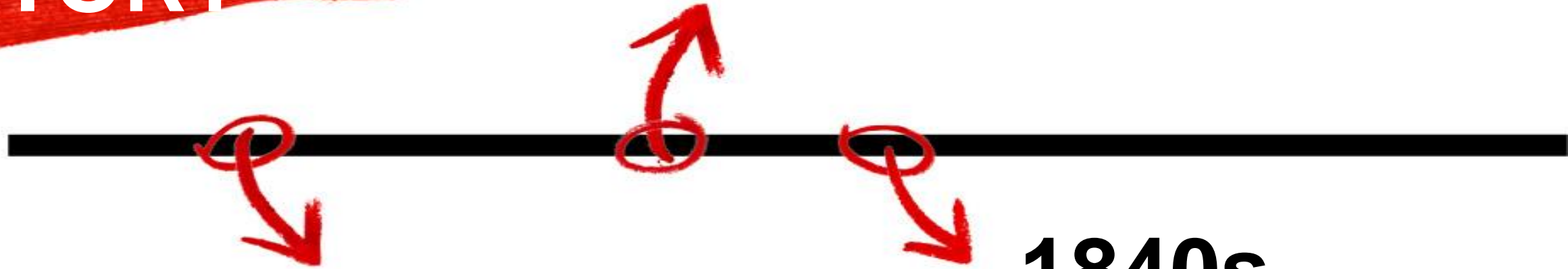
- The Busby Collection
- Minimal phylloxera
- Vine health
- Site suitability



A BRIEF HISTORY

1832

James Busby's collection of vine cuttings arrives in Australia



1788

First vines arrive in Australia

1840s –1870s

A number of vineyards planted during this time



BAROSSA OLD VINE CHARTER

HOW OLD IS OLD?



YEARS

35+

70+

100+

125+

AUSTRALIA'S OLD-VINE WINE REGIONS



HUNTER



NSW AND ACT REGION

NEWCASTLE

SYDNEY

WOLLONGONG





HUNTER VALLEY

- Vineyards dating back to the 1860s
- A significant amount of old vines (mostly Shiraz) growing on its own roots
- Tyrrell's Wines, which has been Australian-family-owned since 1858, is known for its six 'Sacred Sites' old-vine blocks
- Charles King planted Shiraz in the Old Hill vineyard at Mount Pleasant in 1880, making those vines some of the oldest in the Hunter Valley



Tyrrell's "4 Acre" Shiraz Vineyard – Planted in 1879



SOUTH AUSTRALIA

ADELAIDE

Barossa





BAROSSA

- Vines dating back to 1842
- Home to over 2,500 ha of vines over 35 years old and over 250 ha of vines planted before 1910
- Barossa old-vine varieties:
 - Shiraz
 - Mourvèdre
 - Grenache
 - Cabernet Sauvignon
 - Riesling
 - Chardonnay
 - Semillon



Cirillo Grenache Vineyard – Planted in 1848





Langmeil Freedom Vineyard – Shiraz Planted in 1843



Koch Vineyard – Mourvedre planted in 1853



SOUTH AUSTRALIA

ADELAIDE

Langhorne Creek





Home to the world's oldest family-owned Cabernet Sauvignon vines, planted in 1891 at the Metala vineyard.

LANGHORNE CREEK



Credit: FPT/Adam Bruzzone



SOUTH AUSTRALIA



Clare Valley

ADELAIDE



CLARE VALLEY



Wendouree Cellars' claim to fame is its prized old-vine Shiraz. First planted in 1893, these dry-grown vines are still producing beautiful fruit today.





AUSTRALIA'S OTHER OLD-VINE REGIONS AND SITES

- Tahbilk in Nagambie Lakes, the oldest winery in Victoria, boasts the oldest Marsanne vines – planted in 1927 – and the largest single acreage of Marsanne in the world.
- The famed Nursery Block at Best's Wines in Great Western is believed to hold the most extensive collection of pre-phylloxera plantings in Australia – and possibly the world.
- Because of the scarcity of its Pinot Meunier plantings, Best's winery makes this wine only in the best vintages.
- Rutherglen, once a gold mining town, famed for its fortified wines.

OLD VINES

MYTHS & REALITIES



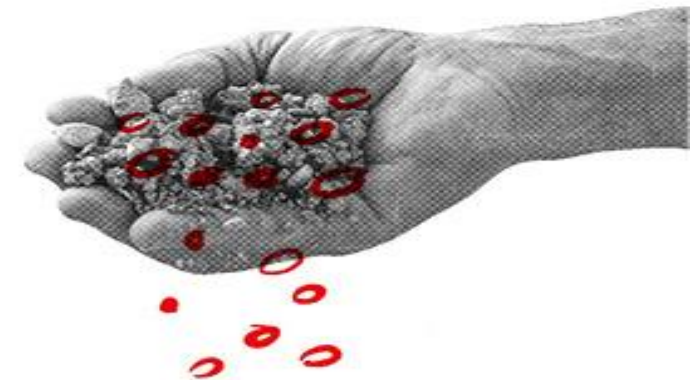
**MORE WELL-
DEVELOPED ROOT
SYSTEM**



**LOWER-YIELDING
GRAPE BUNCHES**



**LESS FOLIAGE
AND FEWER
SHOOTS**



**ACCESS TO
COMPLEX SOILS,
MICRONUTRIENTS**



DO OLD VINES MAKE BETTER WINES?



- Old vines versus young vine physiology
 - Carbohydrate reserves
 - Root penetration
 - Balanced canopies
- Epigenetics
- <https://thewinedetective.co.uk/blog/do-old-vines-make-better-wines-australia-under-the-microscope>

*“Put simply, epigenetics is the study of the mechanisms that initiate and maintain stable and heritable patterns of gene expression. One key mechanism is **DNA methylation**, the chemical modification of DNA molecules, which influence cell development, including regulation of cell differentiation, and function. Failure of DNA methylation in stressed plants for example, can result in developmental abnormalities. Too much, or too little DNA methylation can engender negative gene expression leading to crop disease.*

DNA methylation levels increase with developmental age through to maturity, and can potentially activate or repress genes in response to environmental conditions, for example water stress, nutrition, or chemicals. In people, these processes can potentially lead to cancer, auto-immune disease, mental disorders, and diabetes.

<https://thewinedetective.co.uk/blog/do-old-vines-make-better-wines-australia-under-the-microscope>



Wine 1

Pewsey Vale The Contours Riesling 2015 – Eden Valley

This site was originally planted in 1847

Riesling was planted in 1961 and the fruit for this wine comes from those original, contour planted vine rows

Grey sandy loam soil site – 500 meters above sea level

Biodynamically farmed

1-4 days on solids pre-fermentation

Natural yeast initiates fermentation

Fermented in stainless steel

Alc 12.5% | pH 3.0 | TA 6.07 g/L

AUSTRALIAN WINE MADE OUR WAY

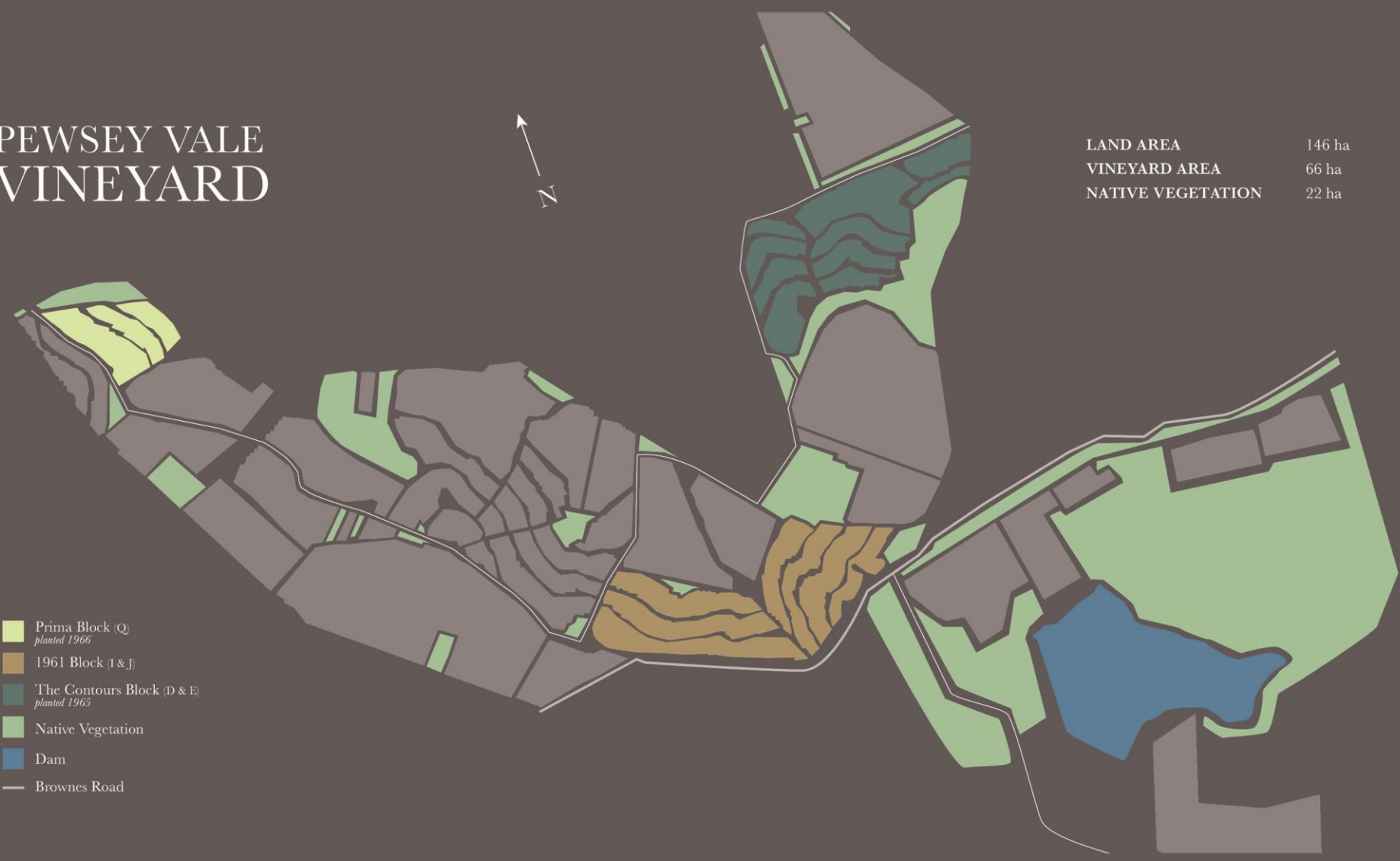


PEWSEY VALE VINEYARD



LAND AREA	146 ha
VINEYARD AREA	66 ha
NATIVE VEGETATION	22 ha

- Prima Block (Q)
planted 1966
- 1961 Block (I & J)
- The Contours Block (D & E)
planted 1965
- Native Vegetation
- Dam
- Brownes Road







Wine 2

Tyrrell's HVD Old Vine Chardonnay 2017 – Hunter Valley

Sourced from the Hunter Valley Distillery vineyard

Vines were planted in 1908 on sandy loam soils

Hand picked and sorted in the vineyard

Basket pressed then cold settled for 2-3 days

Fermented in stainless steel

Matured for 8 months in 2 and 3 year old French oak

Alc 12.5% | pH 3.45 | TA 6.04 g/L

AUSTRALIAN WINE MADE OUR WAY



Wine 3

Approach to Relaxation *Nichon* 2018 – Barossa Valley

90% Semillon 10% Sauvignon Blanc – Semillon vines are 65 years old

Dry grown on sandy soils in the Vine Vale area of the Barossa Valley – organically farmed

Slow basket pressing (12 hours) to gain some skin contact

Barrel fermented in 2 and 3 year old French barriques

Matured for 12 months

Unfined - unfiltered

Alc 12.5% | pH 3.26 | TA 7.88 g/L

AUSTRALIAN WINE MADE OUR WAY





Wine 4

Thistledown *Vagabond* Grenache 2020 – McLaren Vale

From 4 separate, old, dry grown, bush trained vineyards in Blewitt Springs

Deep sand with some ironstone - Hand picked – all wild yeast fermented

70% was fermented in pyramid shaped concrete fermenters with alternating layers of whole bunch and crushed fruit. No extraction method used. Matured in combination of old puncheons and concrete eggs

30% was open top fermented with 35% whole bunch – hand plunged twice daily. Matured in old puncheons

All batched transferred to tank for blending. Bottled without fining or filtration

Alc 14.5% | pH 3.4 | TA 5.90 g/L

AUSTRALIAN WINE MADE OUR WAY







Wine 5

John Duval *Annexus* Mataro 2017 – Barossa Valley

From a limited selection of 100+ year old dry farmed vines in the Light Pass area of Barossa Valley

Red brown loam over clay

Hand picked, open to fermented with a small amount of whole bunch

Matured for 15 months in old 300lt French oak

Alc 13.5% | pH 3.55 | TA 7.1 g/L

AUSTRALIAN WINE MADE OUR WAY





Wine 6

Bests Bin 0 Shiraz 2019 - Grampians

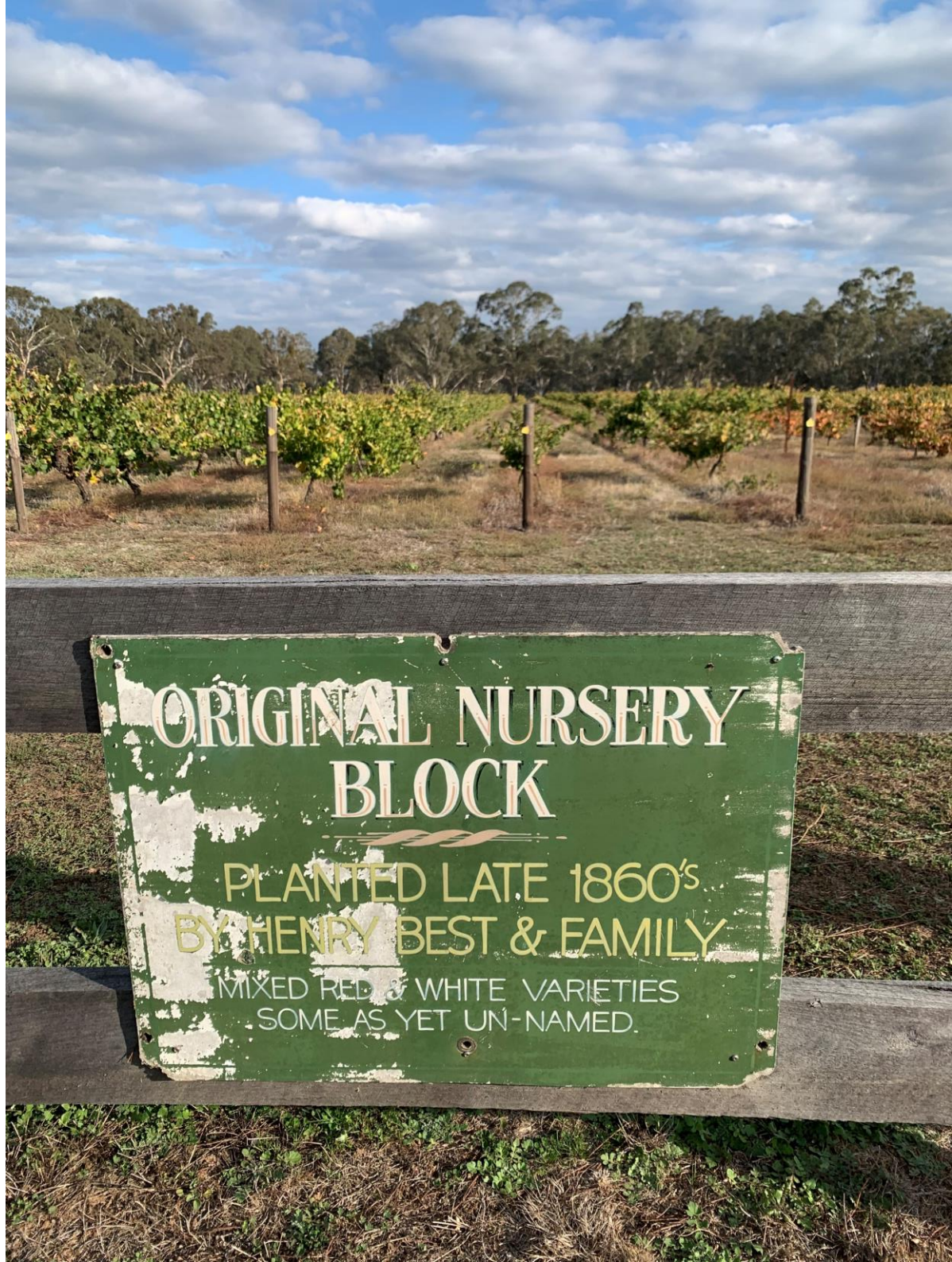
Produced from the winery's oldest plantings and selected from the lowest yielding blocks of the historic Concongella vineyard at Great Western.

Includes 19th century and mid 20th century plantings of Shiraz

Alc 14% | pH N/A | TA N/A

AUSTRALIAN WINE MADE OUR WAY







Wine 7

Henschke Mount Edelstone 2016 – Eden Valley

Planted in 1912 by Ronald Angas, descendant of George Fyfe Angas

Deep sandy loam over gravelly clay - underlying geology is over 500 million years old

Ungrafted – dry grown

Fermented in traditional open top concrete fermenters

Matured in French and American oak – 22% new

First bottled as a single vineyard wine in 1952

Alc 14.5% | pH 3.48 | TA 6.57 g/L

AUSTRALIAN WINE MADE OUR WAY



HENSCHKE



Mount Edelstone



Bottled by

C. A. HENSCHKE & CO.

North Rhine Winery · Established 1868

KEYNETON, SOUTH AUSTRALIA

Net contents 26 fluid ozs.





Wine 8

Chambers Rosewood *Rutherglen* Muscat - Rutherglen

Produced from Muscat Rouge a PetitsGrains (Brown Muscat)

Sourced from old vines on the estate picked between 30 – 36 Baume

Very short ferment before fortification with neutral grape spirit

Aged in a type of solera system

Rutherglen level is typically 6 - 10 year old wine

Alc 17.7% | pH 4.08 | TA 4.2g/l | RS 245 g/l

AUSTRALIAN WINE MADE OUR WAY







AUSTRALIAN WINE DISCOVERED

**EDUCATION
MADE
OUR
WAY**

TOPICS

25
comprehensive
programs

AUSTRALIAN VARIETIES

Cabernet Sauvignon
and blends

Chardonnay

Grenache and blends

Pinot Noir

Riesling

Semillon and
Sauvignon Blanc

Shiraz and blends

Alternative varieties

AUSTRALIAN REGIONS

Barossa

Coonawarra

Hunter Valley

Margaret River

McLaren Vale

Mornington Peninsula

Tasmania

Yarra Valley

Adelaide Hills

Clare Valley

Langhorne Creek

TOPICAL

Introduction
to wine

Foundations of
Australian wine

Aged Australian wine

Australia's old vines

Australian
sparkling wine

Organic and
biodynamic viticulture
and winemaking

200+

EDITABLE MATERIALS AND RESOURCES



DETAILED

Comprehensive topic information and tips for facilitating a tasting, whether you're an educator, winery, retailer, distributor, importer or other.



**EDITABLE
PRESENTATIONS
AND VIDEOS**

Highly-visual PowerPoint slides and videos to convey key points and bring a tasting to life.



Handouts, maps, attendance certificates, tasting lists, sheets, mats and more.





FREE OPEN

GLOBAL ACCESS

- Free program materials and resources
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- Global reach

www.australianwinediscovered.com



THANK YOU