



FRIULI VENEZIA GIULIA

- SMALL AUTONOMOUS REGION (1963) IN NORTHEAST ITALY
- NEXUS OF ITALIAN, AUSTRIAN, GERMAN, AND SLAVIC CULTURES
- BIRTHPLACE OF MODERN ITALIAN WHITE WINEMAKING
- LATE 1960S: CLEAN, FRESH AND FRUITY WHITE WINES REPLACED OXIDIZED VERSIONS
- DISTINCTIVE GRAPES, HIGH QUALITY STANDARDS, OPEN EXPERIMENTATION, MODERN AND TRADITIONAL WINEMAKING PRACTICES PLUS A REMARKAVLE TERROIR (SOIL AND CLIMATE)
- AROMATIC PURITY AND CLEAN VARIETAL EXPRESSION: DEPTH, COMPLEXITY, AND STRUCTURE
- TOPOGRAPHY: BETWEEN THE ALPS (NORTH) AND THE ADRIATIC SEA (SOUTH)
- CLIMATE:MILD TEMPERATE CLIMATE OVERALL (INTERPLAY BETWEEN COOL ALPINE AIR AND WARMER ADRIATIC SEA BREEZES)



GRAPE VARIETIES: FRIULI

- WIDE RANGE OF GRAPE VARIETIES BOTH NATIVE AND INTERNATIONAL
- WHITE GRAPES: MORE THAN 70% OF TOTAL VINEYARD AREA
- MAIN NATIVE AND TRADITIONAL WHITE GRAPES: FRIULANO, RIBOLLA GIALLA, MALVASIA ISTRIANA, PICOLIT, VERDUZZO FRIULANO, VITOVSKA
- MAIN INTERNATIONAL WHITE GRAPES: PINOT GRIGIO, SAUVIGNON BLANC, CHARDONNAY, PINOT BIANCO
- MAIN NATIVE AND TRADITIONAL RED GRAPES: REFOSCO DAL PENDUCOLO ROSSO, PIGNOLO, SCHIOPPETTINO, TAZZELENGHE, TERRANO
- MAIN INTERNATIONAL RED GRAPES: MERLOT, CABERNET FRANC, CABERNET SAUVIGNON



FRIULI'S FIRST WINEMAKING REVOLUTION

- LATE 1960S: White Wine Revolution
- PRODUCERS: MARIO SCHIOPETTO AND LIVIO FELLUGA
- INFLUENCE OF WINEMAKING PRACTICES OF GERMANY
- TEMPERATURE CONTROLLED FERMENTATION,
 STAINLESS STEEL, REFRIGERATOR UNITS, PNEUMATIC
 PRESSES AND STERILE BOTTLING
- BETTER VINEYARD MANAGEMENT
- OBJECTIVE: AVOID OXYGEN CONTACT WITH WINE (OXIDATION)
- ADDITIONALLY, EAGERNESS TO EXPERIMENT



THE "SUPER WHITE"

LATE 1970s

- JERMANN CREATED "VINTAGE TUNINA"
- COMPLEX BLEND OF NATIVE AND INTERNATIONAL WHITE GRAPES
- BECAME ICONIC AMONG FRIULI'S SUPERIOR WHITE BLENDS
- INSPIRED OTHER PRODUCERS: 1980s AND 1990s
- RAISED THE BAR OF WHITE WINE PRODUCTION IN FRIULI AND ITALY
- GAVE VOICE TO FRIULANO, RIBOLLA GIALLA, MALVASIA ISTRIANA, PICOLIT, CHARDONNAY, SAUVIGNON, RIESLING, PINOT BIANCO, AND PINOT GRIGIO OFTEN IN COMBINATION
- SOME OF THE MOST COMPLEX AND STRUCTURED WHITE WINES PRODUCED IN ITALY TODAY
- TWO MAIN CATEGORIES:
 - 1. INTENSELY AROMATIC, RACY BLENDS FERMENTED IN STAINLESS STEEL
 - 2. RICHER, BARREL FERMENTED AND BARREL AGED BLENDS
- EXPENSIVE AND UNIQUE WINES. MAJORITY ARE USUALLY LABELLED UNDER THE BIANCO CATEGORY WITHIN THE DOCs OF COLLIO AND FRIULI COLLI ORIENTALI, AND THE VENEZIA GIULIA IGT
- THE NAME "SUPER WHITE" IS RARELY USED TODAY ALTHOUGH THE WINES STILL EXIST





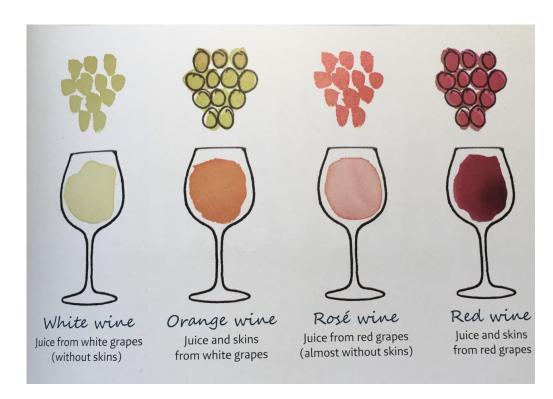
JERMANN, VINTAGE TUNINA, VENEZIA GIULIA IGT, 2016

- Field Blend
- Grape varieties: Sauvignon and Chardonnay (50%); Ribolla Gialla and Malvasia (45%); and Picolit (5%).
- Venezia Giulia IGT: regional IGT covering all of Friuli Venezia Giulia
- Alcohol content: 13.5%
- Vinification: Stainless Steel Tanks
- Ageing: in 83-hectolitre barrels (11 months) and in bottle (8 months)
- Vineyard location: Collio Goriziano



ORANGE WINE, AMBER WINE OR SKIN-FERMENTED WHITE WINES

- Definition: "White wines made with extended grape skin contact during fermentation or maceration, imparting an orange hue to the finished wine, along with tannins."
- Technical Definition: "Skin-fermented white wines" or "Skin-contact white wines" (not always orange)
- Official Definition: "White wine with maceration" (International Organization of Vine and Wine -OIV)
- Origin: Georgia (Caucasus) thousands of years ago
- · Orange Wine's Heartlands: Georgia, Friuli-Venezia Giulia, and Slovenia
- Styles: Huge range of styles color (light orange to amber gold) and tannins



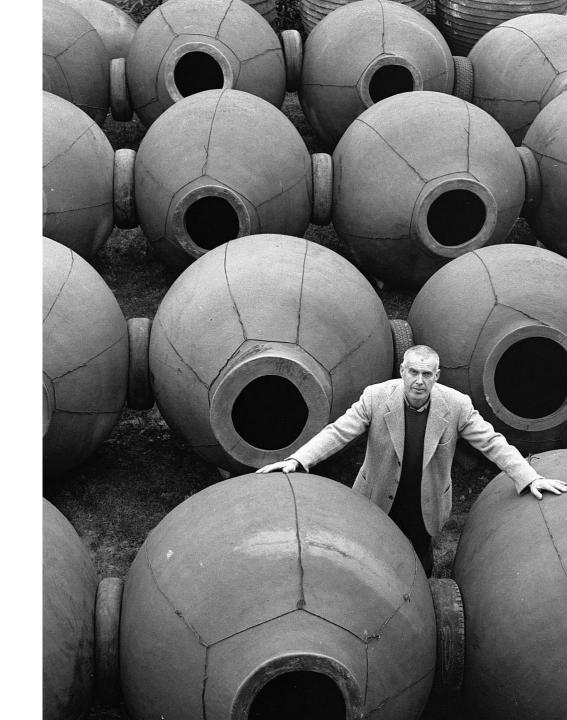
ORANGE WINE IN NORTHERN ITALY

1990s: The FVG second Revolution

- Josko Gravner and Stanko Radikon
- Oslavia (Friuli Collio)
- Slovenia and Friuli Venezia Giulia: traditional winemaking culture
- Georgia's influence: Buried amphorae (qvevris)

Ramato: a copper-coloured pinot grigio

- Pinot grigio: clonal is a mutation of pinot noir and has pink skins
- PG skins contact with the fermenting must: wine with pink or even copper hue
- Rame: Italian for copper
- Traditional all over the Veneto
- Ramato style declined in popularity since the 1990s



TRENTINO

- Autonomous province part of administrative region of Trentino-Alto Adige in northeast Italy
- Mountainous: 70% of the province lies above 1000m in elevation
- Four main winegrowing areas: Valdadige, Val di Cembra, Valle dei Laghi, and Valsugana
- Climate: combination of alpine and continental influences but with different conditions based on location (altitude, exposure, and distance from Lake Garda)



GRAPE VARIETIES: TRENTINO

- White varieties represent almost 70% of total plantings
- Native and traditional White varieties: Nosiola, Moscato Giallo, Manzoni Bianco
- International White varieties: Chardonnay, Pinot Grigio, Muller Thurgau, Traminer Aromatico (Gewurztraminer), Pinot Bianco
- Native and traditional Red varieties: Teroldego,
 Marzemino, Schiava, Enantio, Lagrein, Moscato Rosa
- International Red varieties: Merlot, Cabernet Sauvignon





FORADORI, 'FUORIPISTA', PINOT GRIGIO, VIGNETI DELLE DOLOMITI IGP, 2019

- Grape Variety: Pinot Grigio
- Vineyard location: Campo Rotaliano, Trentino
- Vigneti delle Dolomiti IGT: inter-regional appellation- Trentino, Alto Adige, and Belluno province in Veneto
- · Soil: Alluvial and gravel
- Farming: Biodynamic (certified)
- Age of vines: Planted in 1994
- Harvest: "Last week of August was wet and hot. This had a bad impact on Pinot Grigio, which is our earliest ripening grape. Botrytis appeared, we were forced to pick in order to not lose brightness."
- Winemaking: Grapes destemmed but not pressed
- Fermentation: 8 months on skins in tinajas (clay amphorae). Fermentation was 'regular'.
- Ageing: Two months in acacia casks
- Fining/Filtration: Unfined/Unfiltered
- Alcohol: 12%



LOMBARDIA

- Italy's most populated region
- Wealthy and industrialized
- Milan: second largest city in Italy and center of finance and fashion
- Smaller producer of wine than neighboring Piemonte, Veneto, and Emilia-Romagna.
- Smaller number of indigenous varieties compared to other regions
- Well known appellations: Valtellina, Lugana, and Franciacorta
- Topography sectors: Alps, Prealps, Padana Plain, and Appennines Foothills
- Climate: Continental with considerable variation (mountain ranges, hills, rivers, and lakes)



GRAPE VARIETIES

- Smaller number of indigenous varieties compared to other regions of Italy
- Approximately same vineyard areas of white and red grapes
- Main Native and Traditional White Varieties: Turbiana
- Main International White Varieties: Chardonnay
- Main Native and Traditional Red Varieties: Croatina, Barbera, Nebbiolo, Gropello, Uva Rara, Ughetta (Vespolina), Lambrusco
- Main International Red Varieties: Pinot Nero



THE VALTELLINA SUB-REGION

- Lombardia's most northerly winegrowing area
- Vineyards lie along a very narrow (in a rare east-west direction) strip of land on the northern bank of the Adda River in the foothills of the Alps
- Vineyards are divided into a multitude of small parcels planted on small terraces sustained by dry-stone retaining walls (2,500 km of walled terraces!)
- Topsoil is extremely thin in many places: earth has had to be brought up
- Vineyards lie up to 700-800 m in altitude
- A labor of love "heroic" viticulture: labor-intensive and costly 'rarified air' vineyards
- Vineyards have a perfect south-facing aspect
- The Adda River flows into Lake Como, which provides warm air that travel back up the valley to remain trapped by the mountain ranges
- Large stones in walls: catch and store daytime heat and release it slowly during the night to the hanging grapes



VALTELLINA APPELLATIONS AND VARIETIES

APPELLATIONS:

- ROSSO DI VALTELLINA (VALTELLINA ROSSO) DOC
- VALTELLINA SUPERIORE DOCG
- SFORZATO (SFURZAT) DI VALTELLINA DOCG

GRAPE VARIETIES:

- All three appellations must be made from a minimum of 90% Chiavennasca (Nebbiolo)
- Valtellina is the only major growing winegrowing area outside of Piemonte where the Nebbiolo grape thrives and where a considerable quantity of wines from the variety is produced
- Local varieties (up to 10%): Brugnola, Rossola, and Pignola



CHIAVENNASCA: 'THE NEBBIOLO OF THE ALPS'

- Nebbiolo Italy's greatest native grape probably original to Valtellina (close genetic ties to local varieties)
- Requires specific terroirs: Piedmont, Valle d'Aosta, Lombardy and Sardinia in Italy
- Strong tannins and high acidity
- Tar and Roses: Magical perfume of sour to ripe red cherries, delicate sweet spices, and red rose petals and, with age, notes of tar add complexity
- Chiavennasca: a local Nebbiolo biotype of Valtellina
- "Ciù Venasca": local dialect meaning "a grape variety with great vigor" or "a grape variety that gives more wine"
- The word chiavennasca first appeared in the literature in 1595
- Benedictine monks were growing the variety as early as the tenth to twelve centuries



ROSSO DI VALTELLINA DOC

- The 'entry level' wine of Valtellina
- Simplest wine produced in the region in terms of quality and complexity
- Traditionally made from 90% Nebbiolo complemented by local varieties
- Local varieties up to 10%: Brugnola, Rossola, and Pignola
- Minimum aging requirement: 6 months
- Represent a more approachable and straightforward version of Nebbiolo



VALTELLINA SUPERIORE DOCG

- Most wines are made from 100% Nebbiolo although the official requirement is 90%
- Minimum age requirement is 2 years (at least 1 year in oak). Riserva requires a minimum of 3 years of aging
- Compared to Barolo or Barbaresco, Valtellina Superiore tends to be more approachable and perfumed with a leaner overall structure
- Finesse and elegance rather than power and depth

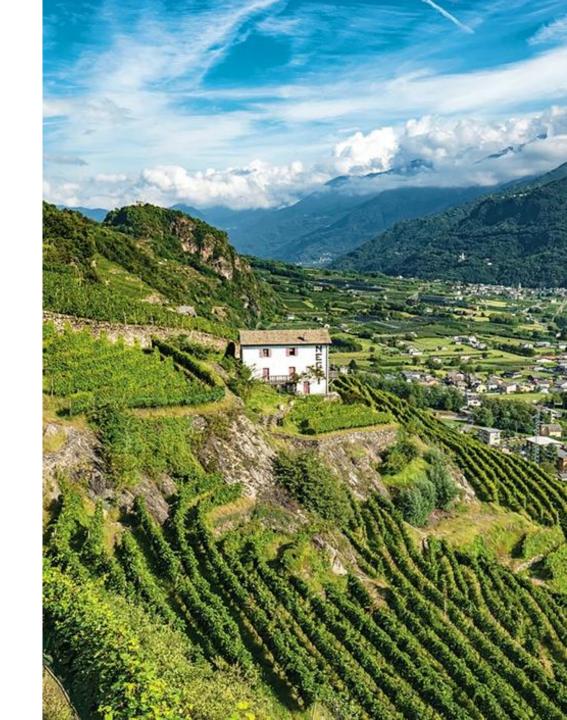


VALTELLINA SUPERIORE OFFICIAL SUB-ZONES

Wine labels can carry the name of one of the five subzones:

- VALGELLA: Largest and most easterly soft, floral, and forward wines
- INFERNO: Steep, rocky vineyards and hotter conditions structured, tannic, and austere
- GRUMELLO: Fragrant wines with soft tannin
- SASSELLA: Long-standing renown elegant wines
- MARROGIA: Smallest and most recent sub-zone velvety with firm tannins

It is not easy to distinguish the wines of each subzone even for the specialist. Climate and altitude appear to play a more important role in determining the qualities of the finished wine





ARPEPE, VALTELLINA SUPERIORE, SASSELLA, STELLA RETICA, 2015

- Grape Variety: Chiavennasca (Nebbiolo) 100%
- Vineyard: South/East exposure Altitude 400/550m
- Soil: Dry-stone walls hold back poor soils composed of flaked granite
- Manual harvest
- Fermentation: Large wooden vats (50 hl)
- Ageing: 18 months in big barrels (50 HL), concrete, bottles
- Alcohol: 13% vol

SFORZATO DI VALTELLINA DOCG

- The pinnacle of the wines of Valtellina (best and richest)
- Healthy, fully ripe clusters of Nebbiolo are picked and air-dried via the appassimento process
- Grapes are required to be desiccate until at least the 10th of December after Harvest. (It is common practice to prolong the drying process for 3 to 4 months before starting vinification.)
- Minimum ageing: 20 months (at least 12 months in oak)
- Wine: Dry and minimum alcohol level of 14% abv.
- Compared to Amarone della Valpolicella DOCG: Both are smooth and velvety. Sfursats tend to be less powerful but more elegant (refined and 'lighter')





NINO NEGRI, SFORZATO DI VALTELLINA, 2017

- Grape Variety: Nebbiolo (Chiavennasca)
- Vineyard: South facing Altitude 300-550 m
- Grapes: selected grapes entirely handpicked
- Appassimento: grapes are left to dry for 100 days in the fruttaio (fruit shed).
- Forzato: "Forced" natural drying (grapes lose almost 30% of their weight)
- Ageing: Two Years (One year in wooden vats).
- Alcohol: 16% abv



MENU

- ZUPPA DI ARAGOSTA
- RISOTTO ALLA MILANESE
- VITELLO ALLA MILANESE
- FORMAGGI
- DOLCI



REFERENCES

- Azienda Agricola Foradori, Federica, personal communication, July 17, 2021.
- D'Agata, I. Native wine grapes of Italy, U. California Press, 2014.
- D'Agata, I. Italy's native wine grape terroirs, U. California Press, 2019.
- Fiordelli, Aldo, "In Rarified Air", Decanter, July 2021, p. 20-28.
- Guido, Eric, "Friuli Venezia Giulia In Constant Motion", Vinous, January 26, 2021.
- Jermann Società Agricola, E. Bastianon, personal communication, July 2, 2021.
- Napjus, Alison, "Valtellina's Distinctive Nebbiolos", Wine Spectator, Oct. 31, 2020.
- Wine Scholar Guild, Italian Wine Scholar, Unit 1: The Wines of Northern Italy, n.d.
- Woolf, S. Amber Revolution, Interlink Books, 2018.

WEBSITES LINKS

- | Consorzio di Tutela dei Vini di Valtellina
- https://www.agricolaforadori.com
- https://www.arpepe.com
- https://www.jermann.it/ uk/
- Nino Negri Winery Gruppo Italiano Vini
- OIV International Organisation of Vine and Wine
- Schiopetto The pioneer of modern white wine of Friuli

