



Uva rara

Schneider A., Torello Marinoni D., Raimondi S., 2013. Uva rara. In: Italian Vitis Database, www.vitisdb.it, ISSN 2282-006X

release 14/06/2015, Last update 14/06/2015 url <http://vitisdb.it/varieties/show/984>

General information managed by

Istituto per la Protezione Sostenibile delle Piante - CNR

Acknowledgments

Ager Foundation, Regione Piemonte

Botanical information

name Uva rara
type of origin spontanea
specie Vitis vinifera
variety group not available
trueness to type confirmed by ampelography and SSR-markers
code IVD-var_222

genera Vitis
subspecie sativa
variety for wine

True-name

confirmed yes

Related bibliography (1)

authors	year	title	journal	citation
Dalmasso G., Cacciatore M., Corte A.	1962	Uva rara		Principali vitigni da vino coltivati in Italia, Ministero dell'Agricoltura e Foreste. Longo & Zoppelli, Treviso

Registration

Registered in the National Catalogue yes

code 248

Official name Uva rara N.

Synonyms

official synonyms (1)

synonyms reported in the National Catalogue
 Bonarda(Piemonte settentrionale)

documented synonyms (4)

synonyms documented by the Istitution that appear with the eventual support of the literature
 Balsamina (o Balsamea)(Piemonte e Lombardia) Bonarda di Gattinara(Piemonte settentrionale) Bonarda di Ghemme(Piemonte settentrionale)
 Bonarda di Cavaglia(Piemonte settentrionale)

wrong denominations (1)

wrong denominations indicated by the Istitution that appear with the eventual support of the literature
 Bonarda(Piemonte settentrionale)

Main accession info

main accession Uva rara

creation submitter Istituto per la Protezione Sostenibile delle Piante - CNR

Standardized accessions (1)

- Uva rara - Istituto per la Protezione Sostenibile delle Piante - CNR

All accessions (1)

- Uva rara - Istituto per la Protezione Sostenibile delle Piante - CNR

Released clones (4)

I - MI-UR-2 I - 6-RA I - CVT 10 I - CVT 15

Standardized microsatellite profile

loci:	predefined loci (9)																	
	VVS2		VVMD5		VVMD7		VVMD27		VrZAG62		VrZAG79		VVMD25		VVMD28		VVMD32	
allele:	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2	A1	A2
size:	133	143	235	239	247	249	185	189	196	200	243	245	250	256	237	261	253	273

Images



shoot




leaf



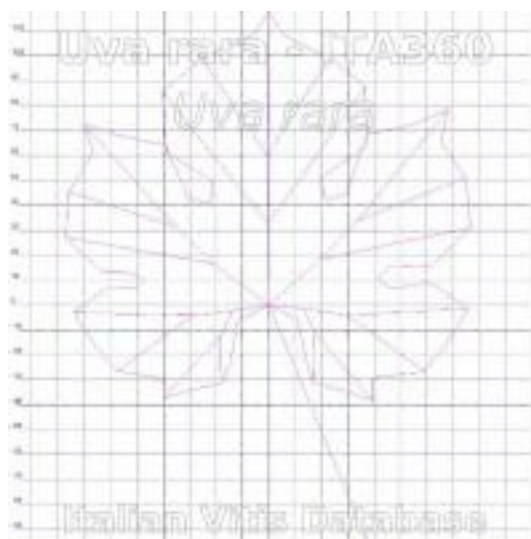
bunch

Ampelography

OIV	description	value		images
001	Young shoot: opening of the shoot tip	5	fully open	
003	Young Shoot: intensity of anthocyanin coloration on prostrate hairs of tip	3	low	
004	Young Shoot: density of prostrate hairs on tip	7 / 9	high / very high	
006	Shoot: attitude (before tying)	3	semi-erect	
007	Shoot: color of dorsal side of internodes	1 / 2	green / green and red	
008	Shoot: color of ventral side of internodes	1	green	
016	Shoot: number of consecutive tendrils	1	2 or less	
051	Young leaf: color of the upper side of blade (4 th leaf)	2	yellow	
053	Young leaf: density of prostrate hairs between main veins on lower side of blade (4th leaf)	7	high	
067	Mature leaf: shape of blade	3	pentagonal	
068	Mature leaf: number of lobes	3 / 4	five / seven	
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	1 / 2	absent / only at the petiolar point	
072	Mature leaf: goffering of blade	1	absent or very weak	
074	Mature leaf: profile of blade in cross section	2 / 4	V-shaped / revolute	
075	Mature leaf: blistering of upper side of blade	7	strong	
076	Mature leaf: shape of teeth	2 / 4	both sides straight / one side concave, one side convex	
079	Mature leaf: degree of opening / overlapping of petiole sinus	5	closed	
080	Mature leaf: shape of base of petiole sinus	2 / 3	brace-shaped (f) / V-shaped	
081-1	Mature leaf: teeth in the petiole sinus	9	present	
081-2	Mature leaf: petiole sinus base limited by veins	1	not limited	
083-2	Mature leaf: teeth in the upper lateral sinuses	9	present	
084	Mature leaf: density of prostrate hairs between the main veins on lower side of blade	7	high	
087	Mature leaf: density of erect hairs on main veins on lower side of blade	7	high	
094	Mature leaf: depth of upper lateral sinuses	5	medium	
151	Flower: sexual organs	3	fully developed stamens and fully developed gynoecium	
152	Inflorescence: insertion of 1 st inflorescence	2	3rd and 4th node	
202	Bunch: length (peduncle excluded)	5	medium	
204	Bunch: density	3	loose	
206	Bunch: length of peduncle of primary bunch	5	medium	
208	Bunch: shape	2	conical	
209	Bunch: number of wings of the primary bunch	2	1 - 2 wings	

				
220	Berry: length	5	medium	
221	Berry: width	5	medium	
223	Berry: shape	1 / 2	obloid / globose	
225	Berry: color of skin	6	blue black	
231	Berry: intensity of flesh anthocyanin coloration	1	none or very weak	
235	Berry: firmness of flesh	1 / 2	soft / slightly firm	
236	Berry: particularity of flavor	1	none	
241	Berry: formation of seeds	3	complete	

Ampelometry



ampelometric leaf

OIV

OIV	PDF	description	value
601	PDF	Mature leaf: length of vein N1	(Ø 117.80)
602	PDF	Mature leaf: length of vein N2	(Ø 103.20)
603	PDF	Mature leaf: length of vein N3	(Ø 75.80)
604	PDF	Mature leaf: length of vein N4	(Ø 55.80)
605	PDF	Mature leaf: length petiole sinus to upper lateral leaf sinus	(Ø 47.20)
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	(Ø 45.80)
607	PDF	Mature leaf: angle between N1 and N2 measured at the first ramification	(Ø 49.40)
608	PDF	Mature leaf: angle between N2 and N3 measured at the first ramification	(Ø 48.40)
609	PDF	Mature leaf: angle between N3 and N41 measured at the first ramification	(Ø 58.80)
610	PDF	Mature leaf: angle between N3 and the tangent between petiole point	(Ø 49.20)
611	PDF	Mature leaf: length of vein N5	(Ø 19.80)
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	(Ø 51.40)
618	PDF	Mature leaf: opening/overlapping of petiole sinus	(Ø -29.30)

Superampelo

distances		
descriptor	value	standard deviation
Distance from the petiole sinus to the lower left sinus	48.700	10.100
Distance from the petiole sinus to the lower right sinus	42.900	6.900
Distance from the petiole sinus to the upper left sinus	46.500	9.100
Distance from the petiole sinus to the upper right sinus	47.800	7.100
Vein N3', length from the petiole sinus to vein N4'	14.000	2.500
Vein N3, length from the petiole sinus to vein N4	13.600	1.600
Length of vein N5'	19.200	4.400
Length of vein N5	20.300	3.400
Length of vein N4'	44.400	5.200
Length of vein N4	46.100	4.900
Distance between petiole point and end of vein N4'	55.400	5.200
Distance between petiole point and end of vein N4	56.100	5.800
Leaf length	159.700	14.000
Leaf width	153.600	13.600
Leaf length Including the petiole	226.200	20.500
Petiole length	108.400	13.600
Length of vein N1	117.800	12.100
Distance between the ends of veins N2 and N2'	138.900	13.700
Distance between the ends of veins N3 and N3'	150.400	14.700
Distance between the ends of veins N4 and N4'	80.200	12.300
Width of petiole sinus / Distance between points SP and SP'	-29.300	7.100
Length of vein N2	104.500	7.400
Length of vein N2'	101.900	8.800
Length of vein N3	76.800	7.500
Length of vein N3'	74.700	7.800
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	49.900	9.200
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	52.800	13.800

angles		
descriptor	value	standard deviation
Angle between N1 and N2 measured at the first bifurcation	47.500	5.700
Angle between N1 and N2' measured at the first bifurcation	51.300	4.500
Angle between N2 and N3 measured at the first bifurcation	48.800	5.900
Angle between N2 and N3' measured at the first bifurcation	48.000	4.800
Angle between N3 and N4 at the first fork of N3	59.100	7.000
Angle between N3' and N4'	58.500	6.400
Angle between N1 and N2 measured at the ends of the veins	41.000	5.500
Angle between N1' and N2' measured at the ends of the veins	44.200	7.700
Angle between N2 and N3 measured at the ends of the veins	50.000	8.400
Angle between N2' and N3' measured at the ends of the veins	48.400	7.000
Angle between N3 and N4 measured at the ends of the veins	42.900	5.200
Angle between N3' and N4' measured at the ends of the veins	40.500	4.800
Angle of opening of the petiole sinus measured at SP and at SP'	65.400	21.200
Angle between D and D' with the center in N1	103.000	11.700
Angle between S and S' with the center in N1	33.200	9.900
Angle between I and I' with the center in N1	44.900	8.500

rations		
descriptor	value	standard deviation
Media of the base of the teeth of the left side	9.480	1.750
Media height of the teeth of the left side	8.660	1.240
Media of the base of the teeth of the right side	9.160	1.130
Media height of the teeth of the right side	8.650	1.130
Ratio between the height and the base of the tooth at the end of the vein N4'	0.640	0.100
Ratio between the height and the base of the tooth at the end of the vein N4	0.720	0.100
Ratio between the height and the base of the tooth at the end of the vein N2'	0.890	0.100
Ratio between the height and the base of the tooth at the end of the vein N2	1.020	0.170
Ratio between the height and the base of the teeth of the left side	0.920	0.100
Ratio between the height and the base of the teeth of the right side	0.950	0.100
Ratio between the sum of the angles a' + b' and the sum of the distance between the petiole sinus and upper right sinus OS' and the petiole sinus and lower right lower right sinus OI'	0.020	0.000
Ratio between the sum of the angles a + b and the sum of the distance between the petiole sinus and upper right sinus OS and the petiole sinus and lower right lower right sinus OI	0.020	0.000
Ratio between the length of the vein N5' and the length of the vein N1	0.160	0.040
Ratio between the length of the vein N5 and the length of the vein N1	0.170	0.030
Ratio between the length of the vein N4' and the length of the vein N1	0.380	0.040
Ratio between the length of the vein N4 and the length of the vein N1	0.400	0.050
Ratio between the length of the vein N3' and the length of the vein N1	0.660	0.060
Ratio between the length of the vein N3 and the length of the vein N1	0.660	0.070
Ratio between the length of the vein N2' and the length of the vein N1	0.870	0.060
Ratio between the length of the vein N2 and the length of the vein N1	0.890	0.070
Ratio between length and width of the leaf	1.040	0.060
Ratio between the length of the petiole OP and the length of the vein N1	0.930	0.130
Ratio between the distance from the sinus and the length of the vein N2	0.460	0.070
Ratio between the distance from the sinus and the length of the vein N2'	0.460	0.080
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.560	0.120
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.650	0.110

Bibliographies (4)

authors	year	title	journal	citation
Dalmaso G., Cacciatore M., Corte A.	1962	Uva rara		Principali vitigni da vino coltivati in Italia, Ministero dell'Agricoltura e Foreste. Longo & Zoppelli, Treviso
Di Rovasenda G.	1877	Saggio di una ampelografia universale.		Tipografia Subalpina, Torino.
Gatta L. F.	1833	Cenno intorno alle viti ed ai vini della provincia di Ivrea.		In: Calendario Georgico della Reale Società agraria di Torino per l'anno 1833.
Milano D.	1839	Sulle viti e sui vini della provincia biellese: memoria		Tip. Rachetti ved. Caligaris. Varallo Sesia.