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Schioccoletto n (Vitiarium)

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Acknowledgments

Agricola San Felice (Siena); Fondazione AGER (AGER Fundation)

General information

name Schioccoletto n (Vitiarium)
code ITA419-1895
country of selection Italia
region of selection Toscana
province of selection Lucca
locality of selection Garfagnana
holding institution Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali (DiSAAA-a) - Università di Pisa
collection vineyard Vitiarium

Variety & clone

type of origin spontanea
genera Vitis
specie Vitis vinifera
subspecie sativa
variety Schioccoletto
variety code IVD-var_205
clone not available
trueness to type confirmed by ampelography

Trueness to type

True-name

confirmed **yes**

related bibliography (1)

authors	year	title	journal	citation
Basso M.,	1993	Contributo alla conoscenza del patrimonio genetico-viticolo toscano.		La ricerca sperimentale in corso per la viticoltura toscana. Centro sperimentale per l'ortoflorofrutticoltura della Maremma toscana. San Felice (SI), maggio 1993, 139-143

Trueness to type confirmed by ampelography

confirmation by ampelography **confirmed**

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Trueness to type confirmed by SSR-markers

confirmation by SSR-markers **not checked**

Standardized microsatellite profile

loci:	predefined loci (9)																	
SSR locus:	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	157	225	231	253	257	189	193	192	194	239	249	240	242	237	239	253	273

other Locus info available online

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Images

shoot

shootTipUs

shootTipLs

leaf

leafUs

leafLs

petiol sinus

bunch

berry

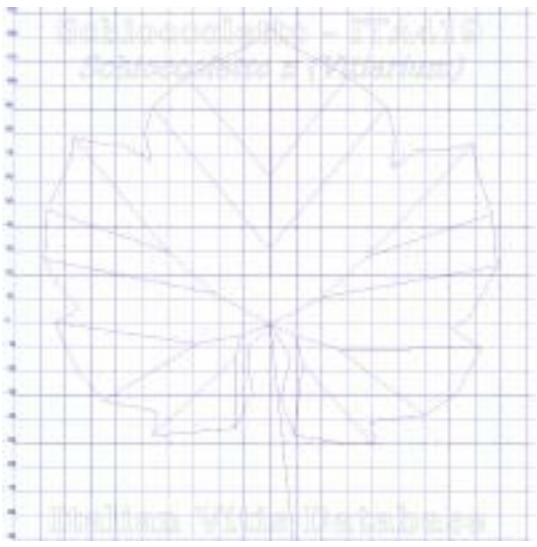
seed

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	high	
006	Shoot: attitude (before tying)	1 / 3	erect / semi-erect	
007	Shoot: color of dorsal side of internodes	2	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	4	circular	
068	Mature leaf: number of lobes	2 / 3	three / five	
070	Mature leaf: area of anthocyanin coloration of main veins on upper side of blade	4	up to the 2nd bifurcation	
072	Mature leaf: goffering of blade	3 / 5	weak / medium	
074	Mature leaf: profile of blade in cross section	1	flat	

075	Mature leaf: blistering of upper side of blade	3 / 5	weak / medium
076	Mature leaf: shape of teeth	2 / 3	both sides straight / both sides convex
079	Mature leaf: degree of opening / overlapping of petiole sinus	3	open
080	Mature leaf: shape of base of petiole sinus	3	V-shaped
081-1	Mature leaf: teeth in the petiole sinus	1	none
081-2	Mature leaf: petiole sinus base limited by veins	1	not limited
083-2	Mature leaf: teeth in the upper lateral sinuses	1	none
084	Mature leaf: density of prostrate hairs between the main veins on lower side of blade	3 / 5	low / medium
087	Mature leaf: density of erect hairs on main veins on lower side of blade	1	none or very low
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
155	Shoot: fertility of basal buds (buds 1-3)	3 / 5	low (0,7-0,9) / medium (1,1-1,3)
202	Bunch: length (peduncle excluded)	3 / 5	short / medium
204	Bunch: density	3 / 5	loose / medium
206	Bunch: length of peduncle of primary bunch	1	very short
208	Bunch: shape	2	conical
209	Bunch: number of wings of the primary bunch	2	1 - 2 wings
220	Berry: length	3 / 5	short / medium
221	Berry: width	3 / 5	narrow / medium
223	Berry: shape	2	globose
225	Berry: color of skin	6	blue black
231	Berry: intensity of flesh anthocyanin coloration	3	weak
235	Berry: firmness of flesh	1	soft
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	5	medium (135 mm)
602	PDF	Mature leaf: length of vein N2	5	medium (105 mm)
603	PDF	Mature leaf: length of vein N3	5	medium (75 mm)
604	PDF	Mature leaf: length of vein N4	9	very long (55 mm and over)
605	PDF	Mature leaf: length petiole sinus to upper lateral leaf sinus	7	long (90 mm)
606	PDF	Mature leaf: length petiole sinus to lower lateral leaf sinus	7	long (75 mm)
607	PDF	Mature leaf: angle between N1 and N2 measured at the first ramification	7	large (56°-70°)
608	PDF	Mature leaf: angle between N2 and N3 measured at the first ramification	5	medium (46°-55°)
609	PDF	Mature leaf: angle between N3 and N41) measured at the first ramification	7	large (56°-70°)
610	PDF	Mature leaf: angle between N3 and the tangent between petiole point	9	very large (> 70°)
612	PDF	Mature leaf: length of tooth N2	1	short (6 mm)
613	PDF	Mature leaf: width of tooth N2	5	medium (14 mm)
614	PDF	Mature leaf: length of tooth N4	1	very short (6 mm)
615	PDF	Mature leaf: width of tooth N4	5	medium (14 mm)
617	PDF	Mature leaf: length between the tooth tip of N2 and the tooth tip of the first secondary vein of N2	5	medium (46-55 mm)

Superampelo

distances		
descriptor	value	standard deviation
Distance from the petiole sinus to the lower left sinus	75.500	7.100
Distance from the petiole sinus to the upper left sinus	82.500	10.900
Distance from the petiole sinus to the lower right sinus	72.000	7.300
Vein N3', length from the petiole sinus to vein N4'	12.700	2.000
Distance from the petiole sinus to the upper right sinus	81.200	9.700
Length of vein N5'	29.900	5.200
Vein N3, length from the petiole sinus to vein N4	11.200	2.400
Length of vein N4'	54.400	5.000
Length of vein N5	30.600	4.600
Distance between petiole point and end of vein N4'	65.700	5.400
Length of vein N4	55.600	4.400
Leaf length	176.800	13.100
Distance between petiole point and end of vein N4	65.400	6.000
Leaf length Including the petiole	215.500	18.300
Leaf width	170.000	12.000
Length of vein N1	123.900	7.700
Petiole length	91.600	12.100
Distance between the ends of veins N3 and N3'	167.300	12.300
Distance between the ends of veins N2 and N2'	156.800	16.800
Width of petiole sinus / Distance between points SP and SP'	-14.000	8.400
Distance between the ends of veins N4 and N4'	86.700	14.100
Length of vein N2'	110.100	8.600
Length of vein N2	109.800	10.400
Length of vein N3'	84.600	7.700
Length of vein N3	83.700	8.100
Distance between the tooth tip of N2' and the tooth tip of the first ramification (secondary vein) of N2'	51.300	9.200
Distance between the tooth tip of N2 and the tooth tip of the first ramification (secondary vein) of N2	56.800	13.200

angles		
descriptor	value	standard deviation
Angle between N1 and N2' measured at the first bifurcation	59.300	3.800
Angle between N1 and N2 measured at the first bifurcation	61.600	6.800
Angle between N2 and N3' measured at the first bifurcation	52.300	5.800
Angle between N2 and N3 measured at the first bifurcation	54.500	6.100
Angle between N3' and N4'	66.300	5.600
Angle between N3 and N4 at the first fork of N3	59.100	6.100
Angle between N1' and N2' measured at the ends of the veins	44.700	5.100
Angle between N1 and N2 measured at the ends of the veins	46.400	6.300
Angle between N2' and N3' measured at the ends of the veins	45.100	4.900
Angle between N2 and N3 measured at the ends of the veins	50.400	4.300
Angle between N3' and N4' measured at the ends of the veins	45.900	5.400
Angle between N3 and N4 measured at the ends of the veins	44.200	3.800
Angle between D and D' with the center in N1	108.100	6.600
Angle of opening of the petiole sinus measured at SP and at SP'	21.500	16.500
Angle between I and I' with the center in N1	62.200	3.700
Angle between S and S' with the center in N1	79.200	11.500
Angle between N2 and N3 measured at the petiole point and between N2' and N3' tooth tip	73.200	6.600
Angle between N2 and N3 measured at the petiole point and between N2 and N3 tooth tip	71.800	6.800

rations		
descriptor	value	standard deviation
Media height of the teeth of the left side	6.497	0.000
Media of the base of the teeth of the left side	6.786	0.000
Media height of the teeth of the right side	8.498	0.000
Media of the base of the teeth of the right side	6.518	0.000
Ratio between the height and the base of the tooth at the end of the vein N4	0.559	0.129
Ratio between the height and the base of the tooth at the end of the vein N4'	0.627	0.095
Ratio between the height and the base of the tooth at the end of the vein N2	0.553	0.081
Ratio between the height and the base of the tooth at the end of the vein N2'	0.590	0.089
Ratio between the height and the base of the teeth of the right side	1.304	0.000
Ratio between the height and the base of the teeth of the left side	0.957	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	0.013	0.002
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'	0.012	0.002
Ratio between the length of the vein N5 and the length of the vein N1	0.246	0.027
Ratio between the length of the vein N5' and the length of the vein N1	0.242	0.039
Ratio between the length of the vein N4 and the length of the vein N1	0.449	0.027
Ratio between the length of the vein N4' and the length of the vein N1	0.440	0.037
Ratio between the length of the vein N3 and the length of the vein N1	0.675	0.041
Ratio between the length of the vein N3' and the length of the vein N1	0.056	0.000
Ratio between the length of the vein N2 and the length of the vein N1	0.884	0.033
Ratio between the length of the vein N2' and the length of the vein N1	0.889	0.046
Ratio between the distance from the petiole sinus to the lower right sinus OI and the length of vein N3	0.860	0.030
Ratio between the distance from the petiole sinus to the lower left sinus OI' and the length of vein N3'	0.893	0.019
Ratio between the distance from the sinus and the length of the vein N2'	0.750	0.085
Ratio between length and width of the leaf	1.040	0.032
Multiplication between length and width of the leaf	30186.580	4191.862
Ratio between the distance from the sinus and the length of the vein N2	0.741	0.074
Ratio between the length of the petiole OP and the length of the vein N1	0.738	0.077