The last home for the wild grapevine – Characterization and conservation of Vitis sylvestris in Albania

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The wild grapevine is a plant not properly studied, a plant forgotten independently from the immense importance for the science of viticulture. The preservation of wild populations of V. sylvestris is essential for the maintenance of genetic variability and to resist genetic erosion. The ECPGR Woking Group recommended that: "Each country should maintain its own traditional varieties in national or regional ampelographic collections and should also protect Vitis sylvestris in situ". Since 2003, research has been launched in order to identify, map, describe and characterize the populations of wild grapevine in northern Albania. In this study, three populations found in Mat, Drin and Shkreli valleys represented with total of 19 individual plants have been the subject of molecular characterization using 9 SSR markers. Relevant population statistics parameters such as average number of alleles, allele frequencies, He, Ho, PIC, as well as F-Statistics measures (FIS and FST) were calculated. Also, cluster analysis was carried out based on Dice similarity indices calculated for each possible pairwise combination of analyzed genotypes.

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Characterisation and conservation of Vitis sylvestris in Albania

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LAST HOME FOR THE WILD GRAPEVINE

*Characterisation and conservation of Vitis sylvestris in Albania*

Monograph

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TABLE OF CONTENTS

I. INTRODUCTION.......................................................................................................................... 5

1.1 Origins and botany................................................................................................................... 6

1.2 Uses of wild grapevine in Albania.......................................................................................... 9

1.3 A species at risk of extinction............................................................................................... 9

1.4 Transformation of the wild grapevine..................................................................................... 10

1.5 How to identify the wild grapevine....................................................................................... 11

II. METHODOLOGY....................................................................................................................... 12

III. AMPELOGRAPHIC CHARACTERISATION OF THE WILD GRAPEVINE.......................... 16

3.1 Study of young shoot characters............................................................................................ 16

3.2 Study of the characters of the young leaf.............................................................................. 16

3.3 Study of the characters of the mature leaf............................................................................ 16

3.4 Final evaluation of the leaf characters (based on descriptor)................................................. 21

3.5 Study of the flower and woody shoot character.................................................................... 22

3.6 Study of bunch characters..................................................................................................... 22

3.7 Ampelographic evaluation for the characteristics of the bunch........................................... 23

3.8 Observation and evaluation for the characters of the berry................................................. 23

3.9 Observation and evaluation of the seeds of wild grapevine.................................................. 24

3.10 Observation and evaluation of the biological characters and susceptibility.......................... 24

3.11 Results of the observation and evaluation for the vegetative growth
and susceptibility to diseases...................................................................................................... 25

IV. APPLICATION OF THE PHYLOMETRIC ANALYSIS ON THE ALBANIAN
POPULATIONS OF WILD GRAPEVINE.................................................................................. 27

V. MOLECULAR CHARACTERISATION OF THE THREE POPULATIONS
OF WILD GRAPEVINE........................................................................................................... 43

VI. CONCLUSIONS...................................................................................................................... 46

VII. REFERENCES......................................................................................................................... 47

APPENDIX: ACCESSIONS OF V. SYLVESTRIS IN ALBANIA.................................................. 49
List of Tables

II.1 List of genotypes sampled.................................................................12

III. 1 Biometric data for the young shoot................................................16

III. 2 Results of the evaluation of young shoot characteristics.......................17

III. 3 Biometric data of the young leaf.....................................................17

III. 5 Observation for visual features (characters) of the leaf of wild grapevine...........18

III. 6 Length of mature leaf veins (mm)....................................................19

III. 7 Average sizes of wild grapevine leaf...............................................19

III. 8 Average sinus length (mm), size of leaf angle.....................................20

III. 9 Biometric characters of the mature leaf tooth....................................20

III. 10 Results of the evaluation of the mature leaf characters........................21

III. 11 Results of the evaluation for the characters of flower and woody shoot........22

III. 12 Biometric characters of the bunches of wild grapevine.......................22

III. 13 Evaluation for the characters of the bunch......................................23

III. 14 Results of the evaluation for the characters of the berry......................23

III. 15 Results of the evaluation for the seed characters of the wild grapevine.......24

III. 16 The results of the evaluation for the dynamic of the vegetative growth........25

III. 17 Results of the evaluation for the characters of growth and susceptibility....25

IV. 1 Characteristics of young shoot, mature leaf, and inflorescence of the Drin valley population..29

IV. 2 Characteristics of young shoot, mature leaf, and inflorescence of the Mat valley population..30

IV. 3 Characteristics of young shoot, mature leaf, and inflorescence of the Shkrel valley population..31

IV. 4. Pooled covariance matrix..................................................................32

IV. 5 Results of discriminant analysis.........................................................34

IV. 6 Excluded Variables (Tolerance < Min Tolerance)..................................35

IV. 7 Tolerances of Included Variables.......................................................36

IV. 8 Classification Function Coefficients...................................................36

IV. 9 Classification Table.............................................................................37

IV. 10 Classification and Scores of Original Data.........................................38

IV. 11 Explained Variance (Eigenvalues).....................................................39

IV. 12 Wilks’ Lambda..................................................................................39

IV. 13 Unstandardised Discriminant Function Coefficients.........................39
IV. 14 Standardised Discriminant Function Coefficients.................................................................40
IV. 15 Group Centroids..................................................................................................................40
IV. 16 Casewise Discriminant Scores...........................................................................................40
V. 1 Allele counts by population (absolute values) and total number of alleles per locus (Σ).........43
V. 2 Polymorphism Information Content (PIC)...........................................................................43
V. 3 Expected and observed heterozygosity...................................................................................43
V. 4 Population Statistics...............................................................................................................44

List of Figures
I.1 Wild grapevine (*Vitis sylvestris*) in its habitat.................................................................5
I. 2 The typical associative species found almost always next to wild grapevine in Albania
is traveller’s joy (*Clematis vitalba* L.)..................................................................................7
I. 3 A bunch of wild grapevine. Notice small and sparse berries..............................................8
I. 4 River valleys are the last niche where individuals of *sylvestris* are found.......................9
II. 1 Labeling of wild grapevine genotypes................................................................................12
II. 2 Location of studied populations........................................................................................13
II. 3 Indices of leaf’s width and length and petiole length.......................................................14
II. 4 Various angles used for the ampelometric analysis..........................................................14
II. 5 View of a scanned leaf ready for the ampelometric analysis with SuperAmpelo.............15
IV. 1 Standard profile of a *sylvestris* leaf with SuperAmpelo..................................................28
IV. 2 Discriminant plot................................................................................................................37
IV. 3. Discriminant plot...............................................................................................................13
V. 1 Dendrogram showing genetic relationships between V. *sylvestris* and V. *vinifera* genotypes based on Dice genetic similarity indices inferred from nine SSR marker loci (using UPGMA algorithm)........45
A. 1 Google Earth map showing coordinates of genotypes found in Albania.......................61
A. 2 Administrative map of Albania showing locations of genotypes (small dots)..................62