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STRUCTURE by Pritchard, Stephens and Donnelly (2000)

and Falush, Stephens and Pritchard (2003)

Code by Pritchard, Falush and Hubisz

Version 2.3.4 (Jul 2012)

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Run parameters:

221 individuals

12 loci

2 populations assumed

20000 Burn-in period

100000 Reps

USEPOPINFO turned on

MIGRPRIOR = 0.0100

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Proportion of membership of each pre-defined

population in each of the 2 clusters

Given Inferred Clusters Number of

Pop 1 2 Individuals

1: 1.000 0.000 24

2: 0.000 1.000 24

3: 0.494 0.506 24

4: 0.250 0.750 24

5: 0.765 0.235 24

6: 0.893 0.107 24

7: 0.938 0.062 24

8: 0.961 0.039 24

9: 0.968 0.032 24

10: 0.815 0.185 5

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Allele-freq. divergence among pops (Net nucleotide distance),

computed using point estimates of P.

1 2

1 - 0.4913

2 0.4913 -

Average distances (expected heterozygosity) between individuals in same cluster:

cluster 1 : 0.2692

cluster 2 : 0.3056

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Estimated Ln Prob of Data = -3577.2

Mean value of ln likelihood = -3509.5

Variance of ln likelihood = 135.5

Mean value of alpha = 0.3961

Mean value of Fst\_1 = 0.4518

Mean value of Fst\_2 = 0.5820

Inferred ancestry of individuals:

Probability of being from assumed population | prob of other pops

Label (%Miss) Pop

1 CH1 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

2 CH2 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

3 CH3 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

4 CH4 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

5 CH5 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

6 CH6 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

7 CH7 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

8 CH8 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

9 CH9 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

10 CH10 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

11 CH11 (8) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

12 CH12 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

13 CH13 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

14 CH14 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

15 CH15 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

16 CH16 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

17 CH17 (16) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

18 CH18 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

19 CH19 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

20 CH20 (8) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

21 CH21 (8) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

22 CH22 (8) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

23 CH23 (8) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

24 CH24 (0) 1 : 1.000 | Pop 2: 0.000 0.000 0.000 |

25 CS1 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

26 CS2 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

27 CS3 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

28 CS4 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

29 CS5 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

30 CS6 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

31 CS7 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

32 CS8 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

33 CS9 (8) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

34 CS10 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

35 CS11 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

36 CS12 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

37 CS13 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

38 CS14 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

39 CS15 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

40 CS16 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

41 CS17 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

42 CS18 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

43 CS19 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

44 CS20 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

45 CS21 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

46 CS22 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

47 CS23 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

48 CS24 (0) 2 : 1.000 | Pop 1: 0.000 0.000 0.000 |

49 H1, (0) 3 : 0.445 0.555 (0.256,0.640) (0.360,0.744)

50 H2, (0) 3 : 0.543 0.457 (0.342,0.739) (0.261,0.658)

51 H3, (0) 3 : 0.476 0.524 (0.282,0.674) (0.326,0.718)

52 H4, (0) 3 : 0.458 0.542 (0.268,0.652) (0.348,0.732)

53 H5, (0) 3 : 0.507 0.493 (0.315,0.698) (0.302,0.685)

54 H6, (0) 3 : 0.539 0.461 (0.332,0.738) (0.262,0.668)

55 H7, (0) 3 : 0.550 0.450 (0.349,0.743) (0.257,0.651)

56 H8, (0) 3 : 0.463 0.537 (0.274,0.659) (0.341,0.726)

57 H9, (0) 3 : 0.462 0.538 (0.270,0.658) (0.342,0.730)

58 H10, (0) 3 : 0.521 0.479 (0.319,0.722) (0.278,0.681)

59 H11, (0) 3 : 0.493 0.507 (0.303,0.684) (0.316,0.697)

60 H12, (0) 3 : 0.493 0.507 (0.304,0.683) (0.317,0.696)

61 H13, (0) 3 : 0.411 0.589 (0.226,0.607) (0.393,0.774)

62 H14, (0) 3 : 0.524 0.476 (0.336,0.709) (0.291,0.664)

63 H15, (0) 3 : 0.520 0.480 (0.327,0.711) (0.289,0.673)

64 H16, (0) 3 : 0.472 0.528 (0.279,0.668) (0.332,0.721)

65 H17, (0) 3 : 0.462 0.538 (0.272,0.655) (0.345,0.728)

66 H18, (0) 3 : 0.459 0.541 (0.271,0.653) (0.347,0.729)

67 H19, (0) 3 : 0.535 0.465 (0.337,0.727) (0.273,0.663)

68 H20, (0) 3 : 0.494 0.506 (0.296,0.694) (0.306,0.704)

69 H21, (0) 3 : 0.479 0.521 (0.289,0.669) (0.331,0.711)

70 H22, (0) 3 : 0.522 0.478 (0.318,0.724) (0.276,0.682)

71 H23, (0) 3 : 0.543 0.457 (0.350,0.730) (0.270,0.650)

72 H24, (0) 3 : 0.484 0.516 (0.287,0.685) (0.315,0.713)

73 H1, (0) 4 : 0.206 0.794 (0.076,0.369) (0.631,0.924)

74 H2, (0) 4 : 0.284 0.716 (0.122,0.474) (0.526,0.878)

75 H3, (0) 4 : 0.316 0.684 (0.146,0.512) (0.488,0.854)

76 H4, (0) 4 : 0.143 0.857 (0.026,0.310) (0.690,0.974)

77 H5, (0) 4 : 0.322 0.678 (0.156,0.510) (0.490,0.844)

78 H6, (0) 4 : 0.221 0.779 (0.079,0.398) (0.602,0.921)

79 H7, (0) 4 : 0.409 0.591 (0.222,0.607) (0.393,0.778)

80 H8, (0) 4 : 0.201 0.799 (0.066,0.369) (0.631,0.934)

81 H9, (0) 4 : 0.163 0.837 (0.043,0.322) (0.678,0.957)

82 H10, (0) 4 : 0.226 0.774 (0.066,0.418) (0.582,0.934)

83 H11, (0) 4 : 0.230 0.770 (0.085,0.406) (0.594,0.915)

84 H12, (0) 4 : 0.178 0.822 (0.049,0.348) (0.652,0.951)

85 H13, (0) 4 : 0.296 0.704 (0.132,0.487) (0.513,0.868)

86 H14, (0) 4 : 0.277 0.723 (0.121,0.459) (0.541,0.879)

87 H15, (0) 4 : 0.117 0.883 (0.019,0.260) (0.740,0.981)

88 H16, (0) 4 : 0.274 0.726 (0.108,0.472) (0.528,0.892)

89 H17, (0) 4 : 0.304 0.696 (0.136,0.499) (0.501,0.864)

90 H18, (0) 4 : 0.479 0.521 (0.285,0.677) (0.323,0.715)

91 H19, (0) 4 : 0.210 0.790 (0.064,0.398) (0.602,0.936)

92 H20, (0) 4 : 0.272 0.728 (0.104,0.470) (0.530,0.896)

93 H21, (0) 4 : 0.367 0.633 (0.195,0.555) (0.445,0.805)

94 H22, (0) 4 : 0.244 0.756 (0.082,0.437) (0.563,0.918)

95 H23, (0) 4 : 0.065 0.935 (0.000,0.197) (0.803,1.000)

96 H24, (0) 4 : 0.201 0.799 (0.059,0.384) (0.616,0.941)

97 H1, (0) 5 : 0.740 0.260 (0.540,0.907) (0.093,0.460)

98 H2, (0) 5 : 0.825 0.175 (0.624,0.988) (0.012,0.376)

99 H3, (0) 5 : 0.708 0.292 (0.517,0.873) (0.127,0.483)

100 H4, (0) 5 : 0.722 0.278 (0.532,0.882) (0.118,0.468)

101 H5, (0) 5 : 0.784 0.216 (0.589,0.945) (0.055,0.411)

102 H6, (0) 5 : 0.790 0.210 (0.608,0.934) (0.066,0.392)

103 H7, (0) 5 : 0.820 0.180 (0.649,0.951) (0.049,0.351)

104 H8, (0) 5 : 0.691 0.309 (0.502,0.856) (0.144,0.498)

105 H9, (0) 5 : 0.818 0.182 (0.645,0.950) (0.050,0.355)

106 H10, (0) 5 : 0.816 0.184 (0.643,0.947) (0.053,0.357)

107 H11, (0) 5 : 0.701 0.299 (0.516,0.861) (0.139,0.484)

108 H12, (0) 5 : 0.834 0.166 (0.660,0.960) (0.040,0.340)

109 H13, (0) 5 : 0.793 0.207 (0.609,0.937) (0.063,0.391)

110 H14, (0) 5 : 0.724 0.276 (0.541,0.879) (0.121,0.459)

111 H15, (0) 5 : 0.776 0.224 (0.595,0.925) (0.075,0.405)

112 H16, (0) 5 : 0.776 0.224 (0.594,0.924) (0.076,0.406)

113 H17, (0) 5 : 0.865 0.135 (0.705,0.980) (0.020,0.295)

114 H18, (0) 5 : 0.498 0.502 (0.308,0.690) (0.310,0.692)

115 H19, (0) 5 : 0.692 0.308 (0.506,0.856) (0.144,0.494)

116 H20, (0) 5 : 0.762 0.238 (0.569,0.920) (0.080,0.431)

117 H21, (0) 5 : 0.884 0.116 (0.731,0.988) (0.012,0.269)

118 H22, (0) 5 : 0.812 0.188 (0.633,0.950) (0.050,0.367)

119 H23, (0) 5 : 0.569 0.431 (0.366,0.763) (0.237,0.634)

120 H24, (0) 5 : 0.950 0.050 (0.830,1.000) (0.000,0.170)

121 F3-1, (0) 6 : 0.863 0.137 (0.675,0.997) (0.003,0.325)

122 F3-2, (0) 6 : 0.883 0.117 (0.727,0.988) (0.012,0.273)

123 F3-3, (0) 6 : 0.943 0.057 (0.808,1.000) (0.000,0.192)

124 F3-4, (0) 6 : 0.885 0.115 (0.730,0.989) (0.011,0.270)

125 F3-5, (0) 6 : 0.867 0.133 (0.697,0.985) (0.015,0.303)

126 F3-6, (0) 6 : 0.978 0.022 (0.906,1.000) (0.000,0.094)

127 F3-7, (0) 6 : 0.843 0.157 (0.660,0.980) (0.020,0.340)

128 F3-8, (0) 6 : 0.824 0.176 (0.654,0.953) (0.047,0.346)

129 F3-9, (0) 6 : 0.934 0.066 (0.819,0.998) (0.002,0.181)

130 F3-10, (0) 6 : 0.979 0.021 (0.911,1.000) (0.000,0.089)

131 F3-11, (0) 6 : 0.865 0.135 (0.708,0.980) (0.020,0.292)

132 F3-12, (0) 6 : 0.905 0.095 (0.748,1.000) (0.000,0.252)

133 F3-13, (0) 6 : 0.957 0.043 (0.848,1.000) (0.000,0.152)

134 F3-14, (0) 6 : 0.941 0.059 (0.828,1.000) (0.000,0.172)

135 F3-15, (0) 6 : 0.860 0.140 (0.690,0.985) (0.015,0.310)

136 F3-16, (0) 6 : 0.825 0.175 (0.654,0.954) (0.046,0.346)

137 F3-17, (0) 6 : 0.913 0.087 (0.769,0.998) (0.002,0.231)

138 F3-18, (0) 6 : 0.950 0.050 (0.830,1.000) (0.000,0.170)

139 F3-19, (0) 6 : 0.885 0.115 (0.748,0.978) (0.022,0.252)

140 F3-20, (0) 6 : 0.717 0.283 (0.512,0.893) (0.107,0.488)

141 F3-21, (0) 6 : 0.939 0.061 (0.803,1.000) (0.000,0.197)

142 F3-22, (0) 6 : 0.917 0.083 (0.787,0.993) (0.007,0.213)

143 F3-23, (0) 6 : 0.918 0.082 (0.773,1.000) (0.000,0.227)

144 F3-24, (0) 6 : 0.844 0.156 (0.661,0.976) (0.024,0.339)

145 F4-1, (0) 7 : 0.978 0.022 (0.910,1.000) (0.000,0.090)

146 F4-2, (0) 7 : 0.957 0.043 (0.840,1.000) (0.000,0.160)

147 F4-3, (0) 7 : 0.979 0.021 (0.913,1.000) (0.000,0.087)

148 F4-4, (0) 7 : 0.857 0.143 (0.688,0.980) (0.020,0.312)

149 F4-5, (0) 7 : 0.924 0.076 (0.767,1.000) (0.000,0.233)

150 F4-6, (0) 7 : 0.947 0.053 (0.822,1.000) (0.000,0.178)

151 F4-7, (0) 7 : 0.957 0.043 (0.850,1.000) (0.000,0.150)

152 F4-8, (0) 7 : 0.972 0.028 (0.886,1.000) (0.000,0.114)

153 F4-9, (0) 7 : 0.970 0.030 (0.878,1.000) (0.000,0.122)

154 F4-10, (0) 7 : 0.952 0.048 (0.837,1.000) (0.000,0.163)

155 F4-11, (0) 7 : 0.936 0.064 (0.823,0.999) (0.001,0.177)

156 F4-12, (0) 7 : 0.970 0.030 (0.879,1.000) (0.000,0.121)

157 F4-13, (0) 7 : 0.976 0.024 (0.901,1.000) (0.000,0.099)

158 F4-14, (0) 7 : 0.934 0.066 (0.820,0.998) (0.002,0.180)

159 F4-15, (0) 7 : 0.868 0.132 (0.706,0.981) (0.019,0.294)

160 F4-16, (0) 7 : 0.903 0.097 (0.754,0.997) (0.003,0.246)

161 F4-17, (0) 7 : 0.826 0.174 (0.667,0.946) (0.054,0.333)

162 F4-18, (0) 7 : 0.900 0.100 (0.757,0.995) (0.005,0.243)

163 F4-19, (0) 7 : 0.917 0.083 (0.773,1.000) (0.000,0.227)

164 F4-20, (0) 7 : 0.978 0.022 (0.909,1.000) (0.000,0.091)

165 F4-21, (0) 7 : 0.923 0.077 (0.790,0.997) (0.003,0.210)

166 F4-22, (0) 7 : 0.980 0.020 (0.915,1.000) (0.000,0.085)

167 F4-23, (0) 7 : 0.960 0.040 (0.849,1.000) (0.000,0.151)

168 F4-24, (0) 7 : 0.954 0.046 (0.839,1.000) (0.000,0.161)

169 F5-1, (0) 8 : 0.880 0.120 (0.733,0.980) (0.020,0.267)

170 F5-2, (0) 8 : 0.979 0.021 (0.912,1.000) (0.000,0.088)

171 F5-3, (0) 8 : 0.979 0.021 (0.914,1.000) (0.000,0.086)

172 F5-4, (0) 8 : 0.975 0.025 (0.894,1.000) (0.000,0.106)

173 F5-5, (0) 8 : 0.981 0.019 (0.919,1.000) (0.000,0.081)

174 F5-6, (0) 8 : 0.981 0.019 (0.918,1.000) (0.000,0.082)

175 F5-7, (0) 8 : 0.977 0.023 (0.906,1.000) (0.000,0.094)

176 F5-8, (0) 8 : 0.957 0.043 (0.849,1.000) (0.000,0.151)

177 F5-9, (0) 8 : 0.977 0.023 (0.905,1.000) (0.000,0.095)

178 F5-10, (0) 8 : 0.971 0.029 (0.884,1.000) (0.000,0.116)

179 F5-11, (0) 8 : 0.967 0.033 (0.869,1.000) (0.000,0.131)

180 F5-12, (0) 8 : 0.978 0.022 (0.907,1.000) (0.000,0.093)

181 F5-13, (0) 8 : 0.979 0.021 (0.913,1.000) (0.000,0.087)

182 F5-14, (0) 8 : 0.866 0.134 (0.704,0.982) (0.018,0.296)

183 F5-15, (0) 8 : 0.952 0.048 (0.826,1.000) (0.000,0.174)

184 F5-16, (0) 8 : 0.978 0.022 (0.909,1.000) (0.000,0.091)

185 F5-17, (0) 8 : 0.952 0.048 (0.834,1.000) (0.000,0.166)

186 F5-18, (0) 8 : 0.978 0.022 (0.910,1.000) (0.000,0.090)

187 F5-19, (0) 8 : 0.980 0.020 (0.915,1.000) (0.000,0.085)

188 F5-20, (0) 8 : 0.968 0.032 (0.872,1.000) (0.000,0.128)

189 F5-21, (0) 8 : 0.936 0.064 (0.817,1.000) (0.000,0.183)

190 F5-22, (0) 8 : 0.970 0.030 (0.879,1.000) (0.000,0.121)

191 F5-23, (0) 8 : 0.955 0.045 (0.846,1.000) (0.000,0.154)

192 F5-24, (0) 8 : 0.948 0.052 (0.823,1.000) (0.000,0.177)

193 F6-1, (0) 9 : 0.979 0.021 (0.912,1.000) (0.000,0.088)

194 F6-2, (0) 9 : 0.971 0.029 (0.884,1.000) (0.000,0.116)

195 F6-3, (0) 9 : 0.973 0.027 (0.887,1.000) (0.000,0.113)

196 F6-4, (0) 9 : 0.955 0.045 (0.841,1.000) (0.000,0.159)

197 F6-5, (0) 9 : 0.968 0.032 (0.871,1.000) (0.000,0.129)

198 F6-6, (0) 9 : 0.978 0.022 (0.907,1.000) (0.000,0.093)

199 F6-7, (0) 9 : 0.976 0.024 (0.900,1.000) (0.000,0.100)

200 F6-8, (0) 9 : 0.975 0.025 (0.898,1.000) (0.000,0.102)

201 F6-9, (0) 9 : 0.928 0.072 (0.801,0.998) (0.002,0.199)

202 F6-10, (0) 9 : 0.977 0.023 (0.906,1.000) (0.000,0.094)

203 F6-11, (0) 9 : 0.968 0.032 (0.872,1.000) (0.000,0.128)

204 F6-12, (0) 9 : 0.921 0.079 (0.781,0.999) (0.001,0.219)

205 F6-13, (0) 9 : 0.955 0.045 (0.843,1.000) (0.000,0.157)

206 F6-14, (0) 9 : 0.978 0.022 (0.909,1.000) (0.000,0.091)

207 F6-15, (0) 9 : 0.977 0.023 (0.906,1.000) (0.000,0.094)

208 F6-16, (0) 9 : 0.971 0.029 (0.883,1.000) (0.000,0.117)

209 F6-17, (0) 9 : 0.978 0.022 (0.907,1.000) (0.000,0.093)

210 F6-18, (0) 9 : 0.977 0.023 (0.906,1.000) (0.000,0.094)

211 F6-19, (0) 9 : 0.948 0.052 (0.819,1.000) (0.000,0.181)

212 F6-20, (0) 9 : 0.979 0.021 (0.914,1.000) (0.000,0.086)

213 F6-21, (0) 9 : 0.979 0.021 (0.914,1.000) (0.000,0.086)

214 F6-22, (0) 9 : 0.970 0.030 (0.880,1.000) (0.000,0.120)

215 F6-23, (0) 9 : 0.979 0.021 (0.913,1.000) (0.000,0.087)

216 F6-24, (0) 9 : 0.979 0.021 (0.912,1.000) (0.000,0.088)

217 H1 (0) 10 : 0.432 0.568 (0.242,0.632) (0.368,0.758)

218 H2 (0) 10 : 0.840 0.160 (0.653,0.968) (0.032,0.347)

219 H3 (0) 10 : 0.906 0.094 (0.688,1.000) (0.000,0.312)

220 H4 (0) 10 : 0.953 0.047 (0.826,1.000) (0.000,0.174)

221 H5 (0) 10 : 0.945 0.055 (0.810,1.000) (0.000,0.190)

Estimated Allele Frequencies in each cluster

First column gives estimated ancestral frequencies

Locus 1 : Cv7

4 alleles

0.5% missing data

372 (0.571) 0.986 0.981

367 (0.143) 0.001 0.015

381 (0.152) 0.010 0.002

378 (0.134) 0.003 0.002

Locus 2 : Cv48

4 alleles

0.0% missing data

197 (0.354) 0.979 0.006

209 (0.249) 0.003 0.710

207 (0.210) 0.002 0.281

199 (0.187) 0.016 0.002

Locus 3 : Cv60

3 alleles

0.0% missing data

231 (0.334) 0.954 0.009

239 (0.342) 0.024 0.694

236 (0.324) 0.022 0.296

Locus 4 : Cs5

3 alleles

0.0% missing data

131 (0.599) 0.850 0.991

129 (0.227) 0.124 0.006

128 (0.174) 0.025 0.003

Locus 5 : Cs7

7 alleles

0.0% missing data

174 (0.164) 0.557 0.003

176 (0.154) 0.398 0.002

173 (0.159) 0.006 0.653

175 (0.192) 0.017 0.337

191 (0.112) 0.010 0.001

178 (0.110) 0.006 0.002

181 (0.109) 0.007 0.001

Locus 6 : Cs10

2 alleles

0.0% missing data

188 (0.609) 0.995 0.009

190 (0.391) 0.005 0.991

Locus 7 : Cs52

5 alleles

0.0% missing data

237 (0.196) 0.780 0.006

235 (0.254) 0.115 0.087

241 (0.278) 0.092 0.698

239 (0.152) 0.003 0.208

245 (0.121) 0.010 0.001

Locus 8 : Cs54

6 alleles

0.0% missing data

234 (0.198) 0.461 0.006

239 (0.175) 0.261 0.002

232 (0.174) 0.205 0.003

236 (0.168) 0.061 0.006

226 (0.152) 0.001 0.981

229 (0.131) 0.012 0.002

Locus 9 : Cs66

2 alleles

0.0% missing data

220 (0.514) 0.965 0.024

231 (0.486) 0.035 0.976

Locus 10 : Cs104

8 alleles

2.3% missing data

185 (0.188) 0.334 0.292

183 (0.183) 0.172 0.379

189 (0.177) 0.462 0.034

179 (0.091) 0.017 0.001

181 (0.095) 0.001 0.149

187 (0.094) 0.001 0.142

178 (0.087) 0.007 0.001

176 (0.086) 0.007 0.001

Locus 11 : Cs179

5 alleles

0.9% missing data

225 (0.240) 0.505 0.004

226 (0.267) 0.487 0.012

223 (0.170) 0.001 0.370

229 (0.178) 0.001 0.612

221 (0.144) 0.006 0.003

Locus 12 : Cs181

4 alleles

0.0% missing data

229 (0.525) 0.997 0.450

227 (0.192) 0.002 0.519

231 (0.140) 0.001 0.015

214 (0.143) 0.001 0.015

Values of parameters used in structure:

DATAFILE=F:\Documents\Documents\Artículos-Investigación\Pendientes\Hybridization Calopteryx\Microsatellite data and analyses\Structure Analysis Hybrids\Calopteryx\_Hybrids\_PriorInfo\project\_data, OUTFILE=F:\Documents\Documents\Artículos-Investigación\Pendientes\Hybridization Calopteryx\Microsatellite data and analyses\Structure Analysis Hybrids\Calopteryx\_Hybrids\_PriorInfo\Prior\Results\Prior\_run\_1, NUMINDS=221, NUMLOCI=12, MISSING=-9, LABEL=1, POPDATA=1, POPFLAG=1, PHENOTYPE=0, EXTRACOLS=0, MAXPOPS=2, BURNIN=20000, NUMREPS=100000, USEPOPINFO=1, INFERALPHA=1, INFERLAMBDA=0, POPSPECIFICLAMBDA=0, POPALPHAS=0, COMPUTEPROB=1, NOADMIX=0, ADMBURNIN=2500, UPDATEFREQ=1, PRINTLIKES=0, INTERMEDSAVE=0, PRINTKLD=0, PRINTNET=0, PRINTLAMBDA=0, ANCESTDIST=1, NUMBOXES=1000, ANCESTPINT=0.90000, GENSBACK=2, MIGRPRIOR=0.01000, PRINTQHAT=0, PRINTQSUM=0, ALPHA=1.0000, FREQSCORR=1, FPRIORMEAN=0.0100, FPRIORSD=0.0500, ONEFST=0, LAMBDA=1.0000, UNIFPRIORALPHA=1, ALPHAMAX=10.0000, ALPHAPRIORA=1.0000, ALPHAPRIORB=2.0000, ALPHAPROPSD=0.0250, STARTATPOPINFO=0, RANDOMIZE=1, LINKAGE=0, METROFREQ=10, REPORTHITRATE=0, MARKOVPHASE=-1, PHASED=0, PLOIDY=2, PHASEINFO=0 LOCPRIOR=0, LOCPRIORINIT=1.000000, LOCDATA=0, LOCISPOP=0, LOCPRIORSTEP=0.100000, MAXLOCPRIOR=20.000000, SEED=1397034770,

[STRAT parameters]: NUMSIMSTATS=1000, PHENOTYPECOL=-9, POOLFREQ=10, LOCUSxONLY=0, EMERROR=0.00100, MISSINGPHENO=-9,