

Bradbury, E. Jane, Anne Duputié, Marc Delêtre, Caroline Roullier, Alexandra Narváez-Trujillo, Joseph A. Manu-Aduening, Eve Emshwiller, and Doyle McKey. 2013. Geographic differences in patterns of genetic differentiation among bitter and sweet manioc (*Manihot esculenta* subsp. *esculenta*; Euphorbiaceae). *American Journal of Botany* 100(5): 857-866.

Appendix S1. Detailed sampling information for all manioc accessions used in this study.

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
AD_01_001	2007	Tipio	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_01_002	2007	Takway mila	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_01_003	2007	Alaku	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_01_016	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_01_034	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_02_001	2007	Piyu	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_02_002	2007	Iyi	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_02_003	2007	Toakulu	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_02_004	2007	Pepita	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_02_020	2007	Kasili pupu	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_03_004	2007	Akusiway	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_03_052	2007	Simo	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_03_055	2007	Tawa	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_03_063	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_03_101	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_04_005	2007	Kalali	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_04_006	2007	Malay kuluka	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_04_007	2007	Kwaki'i	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_04_010	2007	Kasili pupu	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_04_012	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_05_011	2007	Kwaki tawa	Wayampi	Trois Sauts	N/A	French Guiana	Bitter

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
AD_05_014	2007	Manuepe	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_05_016	2007	Wasey	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_05_018	2007	Kasili pupu	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_05_021	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_06_022	2007	Popo	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_06_023	2007	Tetimakasi	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_06_024	2007	Simo atu	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_06_041	2007	Kasili pupu	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_06_051	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_07_015	2007	Si	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_07_019	2007	Pepita kulu	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_07_020	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_07_023	2007	Kwasi ulu	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_07_035	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_08_001	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_08_002	2007	Kasili pupu	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_08_003	2007	Kwasi ulu	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_08_004	2007	Tawa	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_08_007	2007	Wakoloke	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_09_023	2007	Nikolo	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_09_024	2007	Welu'i	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_09_030	2007	Silipu	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_09_037	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_09_057	2007	Kasili pupu	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_10_007	2007	Yaneya	Wayampi	Trois Sauts	N/A	French Guiana	Bitter

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
AD_10_010	2007	Kulupa'i	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_10_011	2007	Alime	Wayampi	Trois Sauts	N/A	French Guiana	Bitter
AD_10_013	2007	Yau	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_10_015	2007	Kasili pupu	Wayampi	Trois Sauts	N/A	French Guiana	Sweet
AD_11_006	2007	Bwa duber	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_007	2007	Cracra	Creole	Sinnamary	N/A	French Guiana	Sweet
AD_11_009	2007	Bwa machwaron	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_011	2007	Travailleur manger	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_015	2007	Jambé	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_021	2007	Bwa duber	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_022	2007	Bwa duber	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_023	2007	Bwa duber	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_024	2007	Cracra	Creole	Sinnamary	N/A	French Guiana	Sweet
AD_11_025	2007	Cracra	Creole	Sinnamary	N/A	French Guiana	Sweet
AD_11_026	2007	Cracra	Creole	Sinnamary	N/A	French Guiana	Sweet
AD_11_031	2007	Bwa machwaron	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_032	2007	Bwa machwaron	Creole	Sinnamary	N/A	French Guiana	Bitter
AD_11_035	2007	Travailleur manger	Creole	Sinnamary	N/A	French Guiana	Bitter
MD_01_01	2006	Kangole	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_01_06	2006	Dinbata	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_01_07	2006	Kangole	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_02_03	2006	Andamebeka	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_02_04	2006	Akunuku	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_02_06	2006	Dinbata	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_02_07	2006	Andamebeka	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
MD_03_11	2006	Dinbata	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_06_02	2006	Andamebeka	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_06_03	2006	Sanza Motuba	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_06_05	2006	Sanza Motuba	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_06_06	2006	Sanza Motuba	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_07_01	2006	Kangole	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_07_02	2006	Akunuku	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_08_01	2006	Kangole	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_09_01	2006	Akunuku	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_09_02	2006	Sanza Motuba	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_09_08	2006	Kangole	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_09_09	2006	Akunuku	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_10_01	2006	Sanza Motuba	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_11_01	2006	Akunuku	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_12_01	2006	Dinbata	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_12_02	2006	Andamebeka	Koya	Imbong	Ogooué-Ivindo	Gabon	Bitter
MD_01_02	2006	Bana	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_01_03	2006	Maniebwe	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_01_04	2006	Gondoyem	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_01_05	2006	Mbwasia	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_02_01	2006	Gondoyem	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_02_02	2006	Mbwasia	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_02_05	2006	Akumikara	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_02_08	2006	Maniebwe	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_03_09	2006	Gondoyem	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
MD_03_10	2006	Mbwasia	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_03_12	2006	Akumikara	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_03_13	2006	Bana	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_03_14	2006	Maniebwe	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_04_01	2006	Akumikara	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_05_01	2006	Akumikara	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_05_02	2006	Gondoyem	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_05_03	2006	Gondoyem	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_06_01	2006	Akumikara	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_06_04	2006	Bana	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_09_03	2006	Bana	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_09_04	2006	Maniebwe	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_09_05	2006	Maniebwe	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_09_06	2006	Mbwasia	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_09_07	2006	Mbwasia	Koya	Imbong	Ogooué-Ivindo	Gabon	Sweet
MD_13_04	2007	Bata	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_14_02	2007	Ngungu Remba	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_14_03	2007	Six Mois	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_14_08	2007	Mutombi	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_14_09	2007	Ngungu Remba	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_14_10	2007	Six Mois	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_14_11	2007	Six Mois	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_15_02	2007	Mutombi	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_15_03	2007	Ndungu	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_15_04	2007	Mutombi	Ghisir	Mandilou	Ngounié	Gabon	Bitter

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
MD_16_01	2007	Ngungu Remba	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_17_02	2007	Bata	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_18_04	2007	Bata	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_18_05	2007	Ndungu	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_19_01	2007	Mutombi	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_19_02	2007	Ndungu	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_20_05	2007	Ndungu	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_21_03	2007	Bata	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_21_05	2007	Ngungu Remba	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_22_09	2007	Bata	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_22_10	2007	Ndungu	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_22_11	2007	Ngungu Remba	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_23_02	2007	Mutombi	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_25_01	2007	Six Mois	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_25_02	2007	Six Mois	Ghisir	Mandilou	Ngounié	Gabon	Bitter
MD_13_01	2007	Kwata Mayumba	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_13_02	2007	Ditadi	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_13_03	2007	Brazzaville	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_14_01	2007	Brazzaville	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_14_04	2007	Kwata Igulu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_14_05	2007	Kwata Mayumba	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_14_06	2007	Ditadi	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_14_07	2007	Brazzaville	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_15_01	2007	Ditadi	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_17_01	2007	Kwata Igulu	Ghisir	Mandilou	Ngounié	Gabon	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
MD_18_01	2007	Kwata Igulu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_18_02	2007	Kwata Mayumba	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_18_03	2007	Simbu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_20_01	2007	Brazzaville	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_20_02	2007	Simbu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_20_03	2007	Kwata Igulu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_20_04	2007	Kwata Mayumba	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_21_01	2007	Simbu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_21_02	2007	Ditadi	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_21_04	2007	Simbu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_22_06	2007	Simbu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_22_07	2007	Kwata Igulu	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_22_08	2007	Ditadi	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_23_01	2007	Kwata Mayumba	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_24_01	2007	Brazzaville	Ghisir	Mandilou	Ngounié	Gabon	Sweet
MD_26_03	2006	Leboyo	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_26_04	2006	Mussala	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_26_05	2006	Wokwangugu	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_27_02	2006	Leboyo	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_27_03	2006	Mussala	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_27_04	2006	Wokwangugu	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_28_05	2006	Leboyo	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_28_06	2006	Wokwangugu	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_28_07	2006	Moulimagname	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_28_08	2006	Moulimagname	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
MD_29_02	2006	Mussala	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_30_02	2006	Moulimagnama	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_30_03	2006	Mupele	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_32_01	2006	Moulimagnama	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_33_01	2006	Mussala	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_33_02	2006	Wokwangugu	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_34_05	2006	Leboyo	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_34_06	2006	Wokwangugu	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_35_01	2006	Mupele	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_35_02	2006	Moulimagnama	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_37_03	2006	Mupele	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_37_07	2006	Leboyo	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_37_08	2006	Mussala	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_38_03	2006	Mupele	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_39_01	2006	Mupele	Kaningi	Mopia	Haut-Ogooué	Gabon	Bitter
MD_26_01	2006	Pauline	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_26_02	2006	Jaune	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_26_06	2006	Lekaga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_27_01	2006	Mwaganga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_27_05	2006	Lekaga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_28_01	2006	Likaga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_28_02	2006	Pauline	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_28_03	2006	Mwaganga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_28_04	2006	Jaune	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_29_01	2006	Mwaganga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
MD_30_01	2006	Jaune	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_31_01	2006	Pauline	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_31_02	2006	Mwaganga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_34_01	2006	Likaga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_34_02	2006	Mwaganga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_34_03	2006	Pauline	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_34_04	2006	Jaune	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_36_01	2006	Cinq Minutes	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_37_01	2006	Likaga	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_37_02	2006	Cinq Minutes	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_37_04	2006	Pauline	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_37_05	2006	Jaune	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_37_06	2006	Cinq Minutes	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_38_01	2006	Cinq Minutes	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
MD_38_02	2006	Cinq Minutes	Kaningi	Mopia	Haut-Ogooué	Gabon	Sweet
SE13	2001		Quichua	N/A	Napo	Ecuador	Sweet
SW04	2002		None	N/A	Manabí	Ecuador	Sweet
SE10	2001		Quichua	N/A	Napo	Ecuador	Sweet
SE09	2001	Withheld in accordance with Ecuadorian laws to protect indigenous knowledge	Quichua	N/A	Napo	Ecuador	Sweet
SE06	2001		Quichua	N/A	Napo	Ecuador	Sweet
SW17	2002		None	N/A	Manabí	Ecuador	Sweet
SW15	2002		None	N/A	Manabí	Ecuador	Sweet
SW24	2002		None	N/A	Manabí	Ecuador	Sweet
SE14	2001		Quichua	N/A	Napo	Ecuador	Sweet
SW18	2002		None	N/A	Manabí	Ecuador	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
SW09	2002		None	N/A	Manabí	Ecuador	Sweet
SW20	2002		None	N/A	Manabí	Ecuador	Sweet
SW05	2002		None	N/A	Manabí	Ecuador	Sweet
SE05	2001		Quichua	N/A	Napo	Ecuador	Sweet
SW19	2002		none	N/A	Manabi	Ecuador	Sweet
SE22	2001		Quichua	N/A	Napo	Ecuador	Sweet
SW28	2002		None	N/A	Manabi	Ecuador	Sweet
SW02	2002		None	N/A	Manabi	Ecuador	Sweet
SW26	2002		None	N/A	Manabi	Ecuador	Sweet
SE07	2001		Quichua	N/A	Napo	Ecuador	Sweet
SW10	2002		None	N/A	Manabi	Ecuador	Sweet
SE04	2001		Quichua	N/A	Napo	Ecuador	Sweet
SW25	2002		None	N/A	Manabi	Ecuador	Sweet
SE20	2001		Quichua	N/A	Napo	Ecuador	Sweet
DM_CM_1	2008	Bounde				Cameroon	Sweet
DM_CM_2	2008	Bounde				Cameroon	Sweet
DM_CM_3	2008	Bounde				Cameroon	Sweet
DM_CM_4	2008	Bounde				Cameroon	Sweet
DM_CM_5	2008	Bounde				Cameroon	Sweet
DM_CM_6	2008	Bounde				Cameroon	Sweet
DM_CM_7	2008	Bounde				Cameroon	Sweet
DM_CM_8	2008	Bounde				Cameroon	Sweet
DM_CM_9	2008	Bounde				Cameroon	Sweet
DM_CM_10	2008	Bounde				Cameroon	Sweet
DM_CM_11	2008	Bounde				Cameroon	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
DM_CM_12	2008	Bounde				Cameroon	Sweet
DM_CM_13	2008	Bounde				Cameroon	Sweet
DM_CM_14	2008	Alor Bounde				Cameroon	Sweet
DM_CM_15	2008	Alor Bounde				Cameroon	Sweet
DM_CM_16	2008	Alor noir Bounde				Cameroon	Sweet
DM_CM_17	2008	"Alor Bekon" Bounde				Cameroon	Sweet
DM_CM_18	2008	"Alor Bekon" Bounde				Cameroon	Sweet
DM_CM_19	2008	"Alor Bekon" Bounde				Cameroon	Sweet
DM_CM_20	2008	"Nlangalor" Bounde				Cameroon	Sweet
DM_CM_21	2008	"Mabel Magnek"				Cameroon	Sweet
DM_CM_22	2008	"Mabel Manyek"				Cameroon	Sweet
DM_CM_23	2008	Nlol Bounde				Cameroon	Sweet
DM_CM_24	2008	Nlol Bounde				Cameroon	Sweet
DM_CM_25	2008	"Ndjala Bomaye"				Cameroon	Sweet
DM_CM_26	2008	"Ntol" Bounde				Cameroon	Bitter
DM_CM_27	2008	"Ntol" Bounde				Cameroon	Bitter
DM_CM_28	2008	"Ntol" Bounde				Cameroon	Bitter
DM_CM_29	2008	"Ntol" Bounde				Cameroon	Bitter
DM_CM_30	2008	Ntolo Blanc Bounde				Cameroon	Bitter
DM_CM_31	2008	Bounde				Cameroon	Bitter
DM_CM_32	2008	Bounde				Cameroon	Bitter
DM_CM_33	2008	Bounde				Cameroon	Bitter
DM_CM_34	2008	Bounde				Cameroon	Bitter
DM_CM_35	2008	"Ntol rouge" Bounde				Cameroon	Bitter
DM_CM_36	2008	Ntold rouge Bounde				Cameroon	Bitter

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
DM_CM_37	2008	sélectionné Bounde				Cameroon	Bitter
DM_CM_38	2008	sélectionné Bounde				Cameroon	Bitter
DM_CM_39	2008	sélectionné Bounde				Cameroon	Bitter
DM_CM_40	2008	sélectionné Bounde				Cameroon	Bitter
DM_CM_41	2008	sélectionné Bounde				Cameroon	Bitter
DM_CM_42	2008	Madjegue Bounde				Cameroon	Bitter
DM_CM_43	2008	Madjegue Bounde				Cameroon	Bitter
Bnb 338	2007	338 Bosomensia	Akan	N/A	Ashanti region	Ghana	Sweet
Amb 021	2007	Amakuma	Akan	N/A	Ashanti region	Ghana	Sweet
Nbk 0273	2007	Nyamebekyere 273	Akan	N/A	Western region	Ghana	Sweet
Dmgk 11	2007	Agric-Bamkye		N/A	Northern region	Ghana	Sweet
Db 001	2007	001 Debor	Akan	N/A	Ashanti region	Ghana	Sweet
Bb 01	2007	Bamkyebotan	Fante	N/A	Central Region	Ghana	Bitter
Acw 5	2007	Bensere	Bono	N/A	Brong Ahafo	Ghana	Sweet
Cd 001	2007	Cedi Bamkye	Akan	N/A	Eastern region	Ghana	Sweet
Da 036	2007	Ifad	Bono	N/A	Brong Ahafo	Ghana	Bitter
Kaa 90063	2007	Akosua Tuntum	Akan	N/A	Ashanti region	Ghana	Sweet
Mc 90004	2007	Tuaka	Akan	N/A	Eastern region	Ghana	Sweet
Nbk 0270	2007	270 Nyame	Akan	N/A	Ashanti region	Ghana	Sweet
CR_13_054	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_05_003	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_14_160	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_09_230	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_05_114	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_37_212	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
CR_14_046	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_14_047	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_37_213	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_07_110	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_35_209	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_35_265	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_219	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_121	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_25_150	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_25_237	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_05_002	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_35_015	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_18_242	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_253	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_287	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_11_050	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_181	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_18_328	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_21_227	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_12_293	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_080	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_35_170	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_36_286	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_19_162	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_01_056	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
CR_04_108	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_24_249	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_24_071	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_30_182	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_33_254	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_33_064	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_33_309	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_33_062	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_06_013	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_28_070	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_289	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_23_083	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_12_123	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_35_284	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_10_329	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_05_246	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_05_245	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_14_323	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_178	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_055	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_08_256	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_14_048	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_11_157	2007	Ianamaha	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_13_081	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_15_031	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet

Sample Number	Collection Date	Varietal Name	Ethnic Group	Village/Locale	District/Province	Country	Toxicity
CR_14_049	2007	Ipekangien	N/A	Lowiapeng	N/A	Vanuatu	Sweet
CR_02_330	2007	Iarkei	N/A	Lowiapeng	N/A	Vanuatu	Sweet

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Appendix S2. Detailed sampling strategy information for each manioc collection.

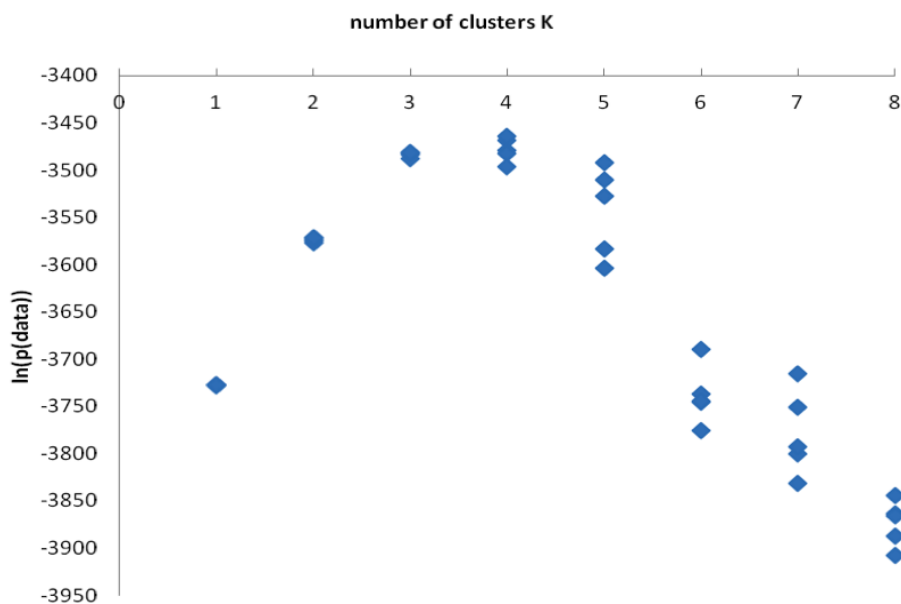
Country	Number of Samples	Original Sampling Method: Farm Selection	Original Sampling Method: Leaf Collection	Original Sampling Strategy	Original Sampling Aim	Sampling Strategy for Inclusion in This Study
Cameroon	44	Random	Random	Opportunistic sampling in a single village	Maximize collection of diversity (genotypic, and as perceived by farmers)	Selected a subsample representing distinct clones
Ecuador	24	Random from 2 major cultivation zones	Stratified, stratum = landrace as defined by farmer	One plant per landrace was collected.	Maximize collection of diversity as the farmers perceived it at the local level	Selected a subsample representing distinct clones
Gabon	147	Farmers were randomly selected amongst those willing to participate	Stratified, stratum = landrace as defined by farmer	5 plants per landrace per farmer	Maximize collection of diversity as the farmers perceived it at the local level	Randomly selected 1 sample for each bitter and sweet landrace that were collected from at least 5 distinct farmers

Ghana	12	Random, though scaled to guarantee at least 40% female farmers	Random	5 to 10 phenotypically distinct landraces from 12 farming communities	Maximize collection of diversity using less subjective measures than farmer perception	Selected 12 core samples to represent the range of overall diversity collected
French Guiana: Sinnamary	14	Only one suitable farm available	Stratified, stratum = landrace as defined by farmer	4 plants per landrace from one local farmer distant from wild-cultivated hybridization zone	Maximize representation of cultivated allelic representation (for assessment of wild-cultivated hybridization)	Selected a subsample representing distinct clones
French Guiana: Trois Sauts	50	10 farms locally known for highest diversity	Stratified, stratum = landrace as defined by farmer	1 plant per named landrace per farmer from 10 farmers	Maximize collection of diversity as the farmers perceived it at the local level	Selected subsample to maximize allelic diversity
Vanuatu	231	Farmers were selected to represent a range of demographic variables (e.g. age, gender) from among those willing to participate	Stratified, stratum = landrace as defined by farmer	3 - 10 plants per landrace per farmer	Maximize collection of diversity as the farmers perceived it at the local level	All samples included in this study

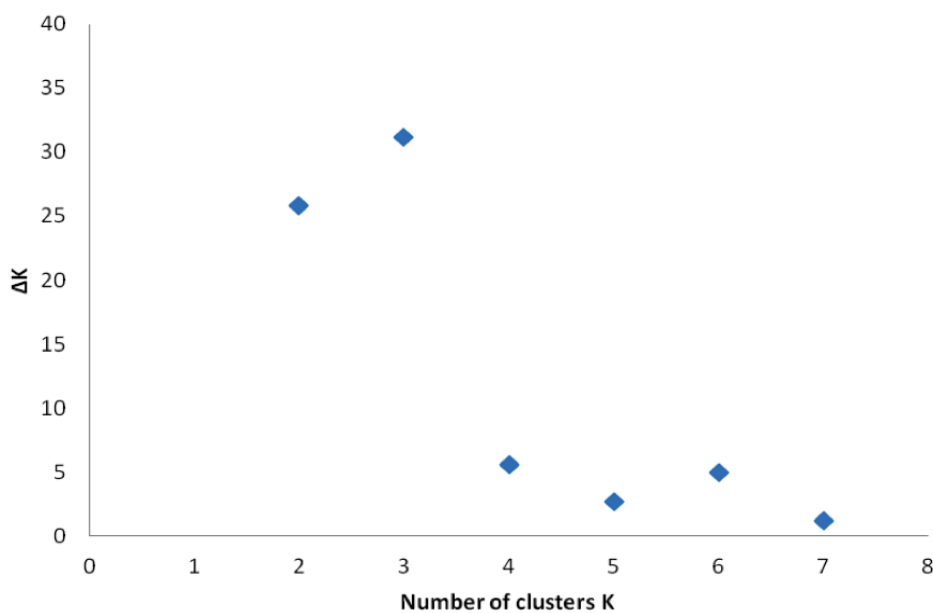
Bradbury, E. Jane, Anne Duputié, Marc Delêtre, Caroline Roullier, Alexandra Narváez-Trujillo, Joseph A. Manu-Aduening, Eve Emshwiller, and Doyle McKey. 2013. Geographic differences in patterns of genetic differentiation among bitter and sweet manioc (*Manihot esculenta* subsp. *esculenta*; Euphorbiaceae). *American Journal of Botany* 100(5): 857-866.

Appendix S4. Determination of the most likely number of clusters in the STRUCTURE analysis. **A**, Posterior log-likelihood of the data given the imposed number of clusters (abscissas; $K = 1$ to 8). For each value of K , five different STRUCTURE runs were performed. **B**, Associated ΔK statistic (Evanno *et al*, 2005). ΔK is the second-order rate of change of $\ln(P(\text{data}|K))$, and peaks at three, indicating that this is the most likely number of clusters for our dataset.

A.



B.



Evanno G, Regnaut S, Goudet J. 2005. Detecting the number of clusters of individuals using the software STRUCTURE: a simulation study. *Molecular Ecology*, **14**:2611-2620.