

especially, the Halla population, because of its unique genetic structure. Finally, we can anticipate a restoration program for populations destroyed by natural and/or man-made disturbances. Some populations, such as Daekyo in this study have been severely disturbed recently, by the construction of a ski resort and other activities. In this case, we can collect seeds, grow seedlings and transplant them back to the disturbed sites. If the seedlings survive and mature, this would help maintain an effective population size.

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#### Literature

ALLARD, R. W., JAIN, S. K. and WOODMAN, P. L.: The genetics of subdivided populations. *Adv. Genet.* **14**, 55–131 (1968). — BARTON, N. H. and SLATKIN, M.: A quasi-equilibrium theory of the distribution of rare alleles in a subdivided population. *Heredity* **56**, 409–415 (1986). — CHAKRABORTY, R., FURBER, P. A. and NEE, M.: Statistical studies on protein polymorphism in natural populations. III. Distribution of allele frequencies and the number of alleles per locus. *Genetics* **94**, 1039–1063 (1980). — COVIELL, M. T., HODGKISS, P. D., DONALD, L. B. and HUNTER, S. C.: Starch gel electrophoresis of pine seeds: a laboratory manual. U.S. Forest Service General Technical Report, FSTW-64 (1982). — CORREY, J. M. and LUTHAAT, G.: Description and power analysis of two tests for detecting recent population bottlenecks from allele frequency data. *Genetics* **144**, 2001–2014 (1996). — EL-KASSABY, Y. A. and YANGTUNG, A. D.: Genetic diversity, differentiation and introgression in Pacific yew from British Columbia. *J. Hered.* **85**, 112–117 (1994). — GOVINDARAJU, D. R.: Relationship between dispersal ability and levels of gene flow in plants. *Oikos* **52**, 31–35 (1988). — GUNDEL, R. P. and LEISS, F. T.: Genetic diversity and population structure in pitch pine (*Pinus rigida* MILL.). *Evolution* **56**, 387–402 (1982). — GORMAN, S., JEROMEAN, K. D., NEALE, D. B. and KIM, Z.: Development of random amplified polymorphic DNA markers for genetic mapping in Pacific yew (*Pinus borealis*). *Can. J. For. Res.* **26**, 497–503 (1996). — HANCOCK, J. L., GONG, M. J. W. and STEWART-BROWN, S. L.: Factors influencing levels of genetic diversity in woody plant species. *New Forests* **6**, 95–124 (1993). — HERRIG, H.: Vererbung von Isoenzymmarkern bei Kiefer (*Pinus borealis* L.). *Silvae Genetica* **45**, 284–290 (1996). — HERRIG, H. and KOSLITZKY, N.: Genetische Variation und geographische Struktur von Kiefernvorkommen (*Pinus borealis* L.) im Mecklenburg-Vorpommern. *Silvae Genetica* **45**, 290–294 (1996). — KIM, Z. S., LEE, S. W., LIM, J. H., HWANG, J. W. and

KWON, K. W.: Genetic diversity and structure of natural populations of *Pinus borealis* (SIEB. et ZUCC.) in Korea. *Forest Genetics* **1**, 41–49 (1994). — LEISS, F. T.: Heterozygosity, heterosis, and fitness in outbreeding plants. In: SOULE, M. E. (Ed.): *Conservation Biology: The Science of Scarcity and Diversity*. Sinauer, Sunderland, MA, pp. 77–104 (1988). — LEISS, F. T.: Genetic variation in *Pinus*. In: RICHARDSON, D.M. (Ed.): *Ecology and Biogeography of Pinus*. Cambridge University, pp. 251–280 (1988). — LEISS, F. T., COVIELL, M. T., HODGKISS, P. D., KOSLITZKY, N., KOSLITZKY-PEDRA, T., HODGKISS, P. D., JOHNSON, D. R. and DYERAK, W. S.: Evidence for an extreme bottleneck in a rare Mexican pine: genetic diversity, disequilibrium, and the mating system in *Pinus macdougaliana*. *Evolution* **52**, 91–99 (1998). — LEISS, F. T., JACON-CRIVATTO, V., HODGKISS, P. D. and KOSLITZKY-PEDRA, T.: Recent evolution and divergence among populations of a rare Mexican endemic, *Chihuahua spruce*, following Holocene climatic warming. *Evolution* **51**, 1815–1827 (1997). — LEE, S. W. and KIM, Z. S.: Computer program for hierarchical analysis of gene diversity. *Korean J. Genet.* **15**, 379–384 (1993). — LEE, T. B.: Dendrology. *Hyang Moon Sa, Seoul*, 333 pp. (in Korean) (1997). — LEWANTOWICZ, A., BUCZYNSKI, J. and MICHALCZYK, L.: Genetic structure of English yew (*Taxus baccata* L.) in the Wisznicklasz Reserve: implications for genetic conservation. *Forest Ecology and Management* **78**, 221–227 (1995). — LUTHAAT, G. and CORREY, J. M.: Empirical evaluation of a test for identifying recently bottlenecked populations from allele frequency data. *Conservation Biology* **12**, 228–237 (1998). — NEE, M.: Analysis of gene diversity in subdivided populations. *Proc. Natl. Acad. Sci. USA* **70**, 3321–3323 (1973). — NEE, M.: Estimation of average heterozygosity and genetic distance from a small number of individuals. *Genetics* **69**, 582–588 (1978). — RAYBURN, M. and ROUSSET, F.: An exact test for population differentiation. *Evolution* **49**, 1280–1283 (1995a). — RAYBURN, M. and ROUSSET, F.: GENEPOP (ver. 1.0) : A population genetics software for exact test and examinations. *J. Hered.* **86**, 248–249 (1995b). — ROUSSET, F. and RAYBURN, M.: Testing heterozygote excess and deficiency. *Genetics* **146**, 1413–1419 (1995). — SLATKIN, M.: Rare alleles as indicators of gene flow. *Evolution* **38**, 53–65 (1984). — SLATKIN, M.: Isolation by distance in equilibrium and non-equilibrium populations. *Evolution* **47**, 264–279 (1993). — SOGIN, P. H. A. and SOGIN, R. R.: *Numerical Taxonomy*. Freeman, San Francisco, CA, 573 pp. (1973). — SWOFFORD, P. L. and OLSEN, R. B.: BIOSYS-1: A computer program for the analysis of allele variation in population genetic and biochemical systematics. Release 1.7. User's Manual. Illinois Natural History Survey, IL, USA (1990). — WANG, H. S. and COCHRAN, C. C.: Estimating F-statistics for the analysis of population structure. *Evolution* **38**, 1358–1370 (1984). — WANG, H. S., JAIN, K. S., MANTON, S. A., O'BRIEN, C. J., THOMPSON, D. W., SODERSTROM, R. W. and LEVINE, A.: Genetic variation and parameter estimates in *Pinus borealis* (Pacific yew). *Can. J. For. Res.* **25**, 1913–1927 (1995). — WRIGHT, S.: The genetical structure of populations. *Ann. Eugen.* **15**, 323–354 (1951). — WRIGHT, S.: The interpretation of population structure by F-statistics with special regard to systems of mating. *Evolution* **19**, 385–420 (1965).

## Analysis of Half-diallel Mating Design with Missing Crosses: Theory and SAS Program for Testing and Estimating GCA and SCA Fixed Effects

By H. X. Wu<sup>1</sup> and A. C. Matheson<sup>1</sup>

(Received 17th January 2000)

#### Abstract

The half-diallel mating design, particularly a series of disconnected half-diallels has been widely adopted as a mating design for estimating genetic parameters and for future selection in many commercially important tree species. Standard commercial statistical packages do not allow direct specification of the linear model associated with the half-diallel design and therefore are not capable of analysing diallel

mating designs, even for balanced diallel matings (no missing crosses). Published special computer programs for diallel analyses do not provide an adequate solution for GCA and SCA fixed effects in diallels with missing crosses. This paper presents the least squares theory for analysing half-diallel mating designs with missing crosses, and a SAS computer program (DLAFIXED.SAS), developed to test the significance of GCA and SCA effects and estimate the GCA and SCA fixed effects. The program is flexible enough to accommodate different number of parents, multiple environments and missing individual trees as well as missing whole plots. The DLAFIXED.SAS output includes (1) hypothesis testing for GCA and

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electrons and chlorine in group 7a has 7 valence electrons so the total number of valence electrons in is the lewis structure of is

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$a^2 \vec{b} \cdot \vec{b} = 2 \vec{a} \cdot \vec{b} \cos \theta$

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