

		Males																								
		A <sub>1</sub>										A <sub>2</sub>														
F e m a l e s	A <sub>1</sub>	M <sub>1</sub> N <sub>1</sub> 1	M <sub>1</sub> N <sub>1</sub> 2	M <sub>1</sub> N <sub>2</sub> 1	M <sub>1</sub> N <sub>2</sub> 2	M <sub>1</sub> N <sub>2</sub> 3	M <sub>2</sub> N <sub>1</sub> 1	M <sub>2</sub> N <sub>1</sub> 2	M <sub>2</sub> N <sub>1</sub> 3	M <sub>2</sub> N <sub>2</sub> 2	M <sub>2</sub> N <sub>2</sub> 3	M <sub>1</sub> N <sub>1</sub> 1	M <sub>1</sub> N <sub>1</sub> 2	M <sub>1</sub> N <sub>2</sub> 1	M <sub>1</sub> N <sub>2</sub> 2	M <sub>1</sub> N <sub>2</sub> 3	M <sub>2</sub> N <sub>1</sub> 1	M <sub>2</sub> N <sub>1</sub> 2	M <sub>2</sub> N <sub>1</sub> 3	M <sub>2</sub> N <sub>2</sub> 2	M <sub>2</sub> N <sub>2</sub> 3					
		A <sub>2</sub>	M <sub>1</sub> N <sub>1</sub>	M <sub>1</sub> N <sub>2</sub>	M <sub>2</sub> N <sub>1</sub>	M <sub>2</sub> N <sub>2</sub>	M <sub>1</sub> N <sub>1</sub>	M <sub>1</sub> N <sub>2</sub>	M <sub>2</sub> N <sub>1</sub>	M <sub>2</sub> N <sub>2</sub>	M <sub>1</sub> N <sub>1</sub>	M <sub>1</sub> N <sub>2</sub>	M <sub>2</sub> N <sub>1</sub>	M <sub>2</sub> N <sub>2</sub>	M <sub>1</sub> N <sub>1</sub>	M <sub>1</sub> N <sub>2</sub>	M <sub>2</sub> N <sub>1</sub>	M <sub>2</sub> N <sub>2</sub>	M <sub>1</sub> N <sub>1</sub>	M <sub>1</sub> N <sub>2</sub>	M <sub>2</sub> N <sub>1</sub>	M <sub>2</sub> N <sub>2</sub>				
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1+ $\alpha_p$	1+ $\alpha_m$	1+ $\alpha_p$	1+ $\alpha_m$	1	1+ $\alpha_p$	1+ $\alpha_m$	1	1+ $\alpha_m$	1	1+ $\alpha_p$	1+ $\alpha_m$	1+ $\alpha_p$	1+ $\alpha_m$	1	1+ $\alpha_p$	1+ $\alpha_m$	1	1+ $\alpha_m$	1	1+ $\alpha_p$	1+ $\alpha_m$	1	1+ $\alpha_m$	1
	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1+ $\alpha_h$	
	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1+ $\alpha_h$	1	1+ $\alpha_h$	
	1	1+ $\alpha_m$	1	1+ $\alpha_m$	1+ $\alpha_p$	1	1+ $\alpha_m$	1+ $\alpha_p$	1+ $\alpha_m$	1+ $\alpha_p$	1	1+ $\alpha_m$	1	1+ $\alpha_m$	1+ $\alpha_p$	1	1+ $\alpha_m$	1+ $\alpha_p$	1+ $\alpha_m$	1+ $\alpha_p$	1	1+ $\alpha_m$	1+ $\alpha_p$	1+ $\alpha_m$	1+ $\alpha_p$	

**Table A2.** The mating table, showing all the possible matings that can occur in the population under the version of the model where hybrid males can learn pure songs. The genotypes of the females are shown down the right hand side of the table and the phenogenotypes of the males are shown across the top. The value in each cell represents the coefficient of mating, specifically how much more likely a given female is to mate with that particular type of male as opposed to a male that she does not prefer, given that she encounters one of each. In the basic model,  $a_h = 0$ . In the version of the model where hybrids have a preference,  $a_h = a_p$ .