

# ANTH 102: Humans are cultural animals

## LECTURE #6: Discussion

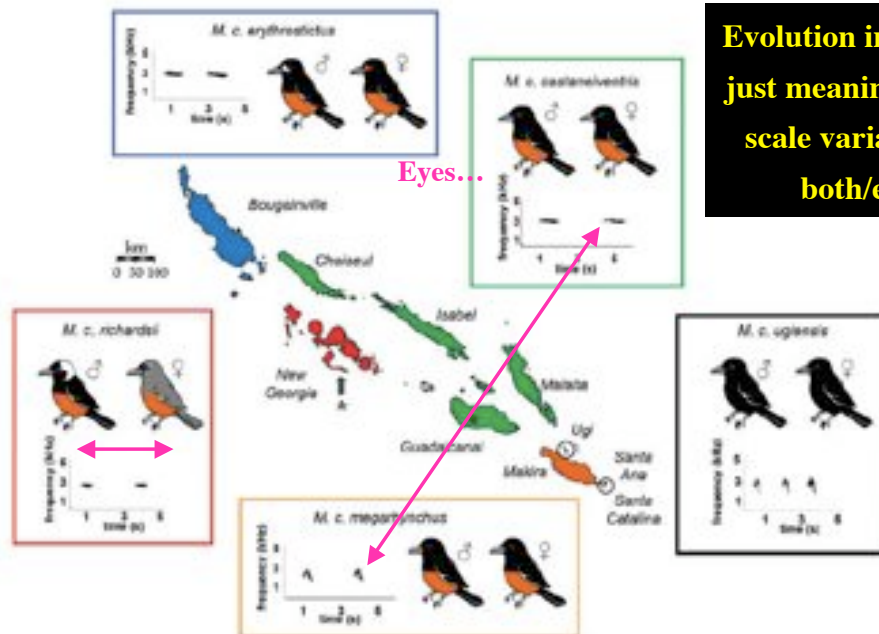
Science 16 January 2009: Vol. 323. no. 5912, pp. 350 - 351

Perspectives GENETICS: Origin of Species in Overdrive  
John H. Willis

The genes that cause the sterility of hybrids between species should reveal the molecular genetic and evolutionary mechanisms that drive speciation.

Course website: <http://weber.ucsd.edu/~jmoore/courses>

Uy, JAC (2009) Plumage and song differences mediate species recognition between incipient flycatcher species of the Solomon Islands. *Evolution* 63: 153-164



Evolution in action? Or  
just meaningless small-  
scale variation? Or,  
both/either?

**Figure 1.** Distribution, and song and color variation among populations of the *Monarcha castaneiventris* complex of the Solomon Islands. These taxa are variably classified as subspecies, allospecies, or full species (Mayr 1942; Mayr and Diamond 2001; Filardi and Smith 2005), but, for simplicity, we follow Mayr's (1942) original taxonomy, which classifies the forms as subspecies of the variable *M. castaneiventris* complex. Divergent subspecies classified by their plumage color and overall morphometrics are color-coded: nominate