FIGURE 22.31. Reinforcement between pied and collared flycatchers (*Ficedula hypoleuca* and *Ficedula albicollis*). (A) Male pied and collared flycatchers from allopatric populations have similar black and white plumage (*top right*). However, where the ranges of the two species overlap, male pied flycatchers have a dull brown plumage, and male collared flycatchers have a more exaggerated white patch (*top left*). The greater difference in plumage between sympatric males reduces hybridization: Females of both species, taken from sympatric populations, always choose the conspecific male when given a choice between sympatric males (*left*), but often fail to distinguish when given a choice between allopatric males (*right*). (B) Female preferences have also diverged between allopatric and sympatric populations. Female collared flycatchers from the region of sympatry prefer males with larger patches of white (*left*), and female pied flycatchers from the region of sympatry prefer the dull plumage typical of males from that area (*middle*). However, female pied flycatchers from allopatric populations have the opposite preference, choosing black and white males over the duller males found in sympatry (*right*).


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