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Fairbairn, D. J. (2012) Data from Fairbairn, D. J. 2013. *Odd Couples. Extraordinary Differences between the Sexes in the Animal Kingdom*. Princeton University Press, Princeton, NJ. ISBN 978-0-691-14196-1

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This data package contains the data on reproductive modes and sexual dimorphisms in animals used as the basis for the summaries and comparative analyses described in chapters 2 and 11 of Fairbairn, D. J. 2013. *Odd Couples. Extraordinary Differences between the Sexes in the Animal Kingdom*. Princeton University Press, Princeton, NJ. Data are reported for each animal phylum and its constituent classes. The phyla and the classes within phyla are listed in alphabetical order rather than by degree of relatedness, for ease of reference. Sources for the information are listed in the table footnotes and given in full in a separate “sources” file.

The full package contains two tables (supplementary tables A and B) and the sources file, as described below.

**SUPPLEMENTARY TABLE A: Allocation of reproductive function in the Animal Kingdom.**

The table shows the proportion of species with asexual and sexual reproduction and the proportion of sexual species that are dioecious. The proportions are given as none, rare, minority, majority, almost all or all. The table also gives the type of hermaphroditism where present (simultaneous, protandric, protogynous or alternating) and the patterns of sexual dimorphism in dioecious species. Estimates are shown separately for each animal phylum and its constituent classes.

**SUPPLEMENTARY TABLE B: Sexual dimorphisms in dioecious species**

The table scores presence or absence for morphological traits that show externally apparent differences between the sexes in animal classes that include at least some dioecious species. Phyla and classes are listed in alphabetical order within four major evolutionary groupings: Deuterostomia, Ecdysozoa, Lophotrochozoa and the non-bilaterian phyla.

## SOURCES

List of sources for the data presented in supplementary Tables A and B, as cited in the table footnotes.