

# L'evoluzione dei sistemi di accoppiamento



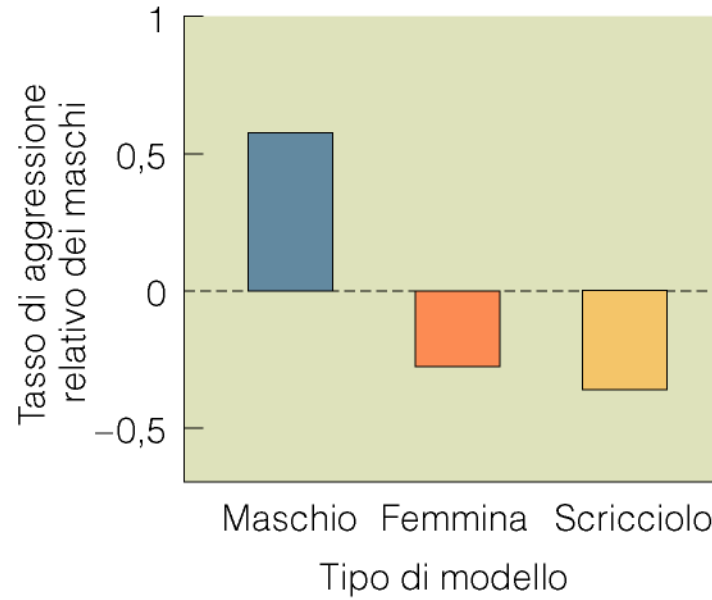




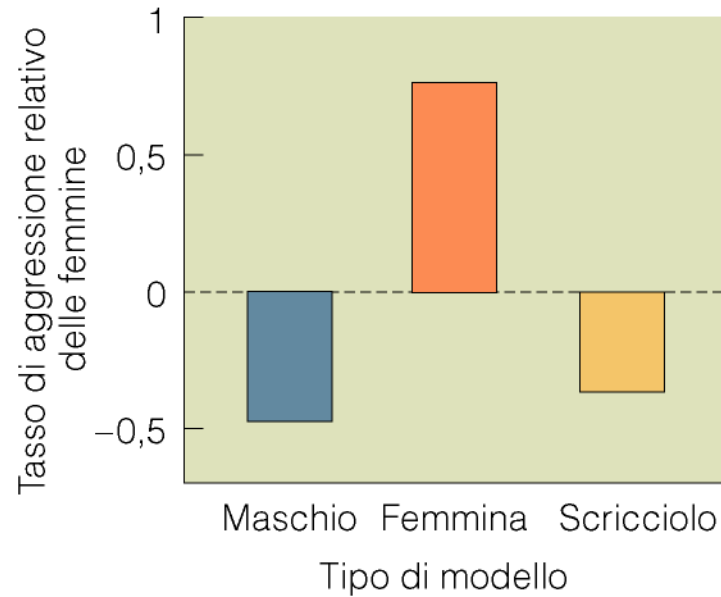


Icteria verdastra

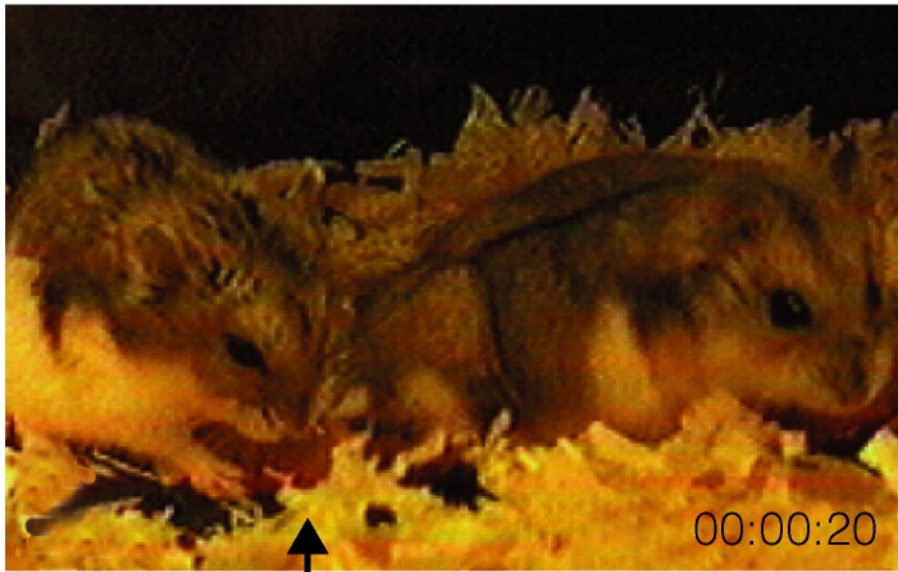
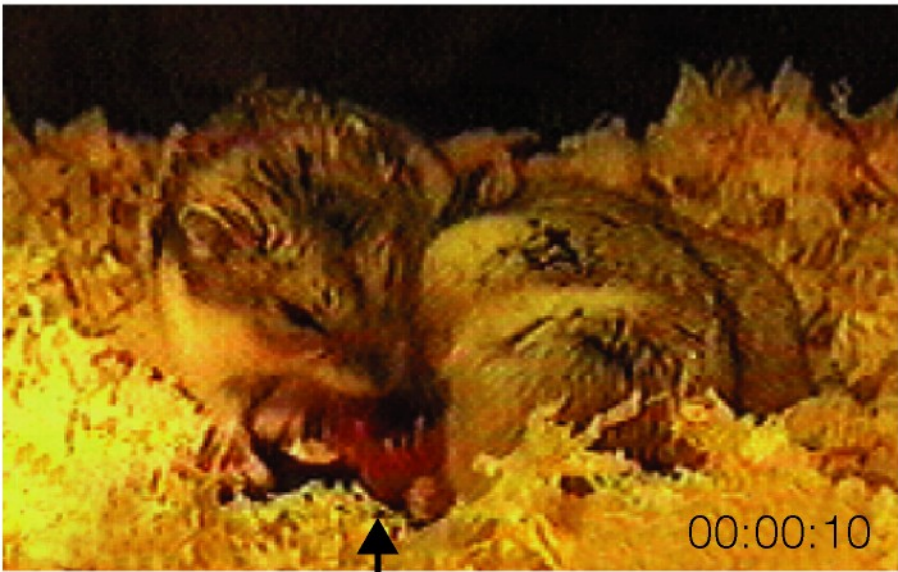
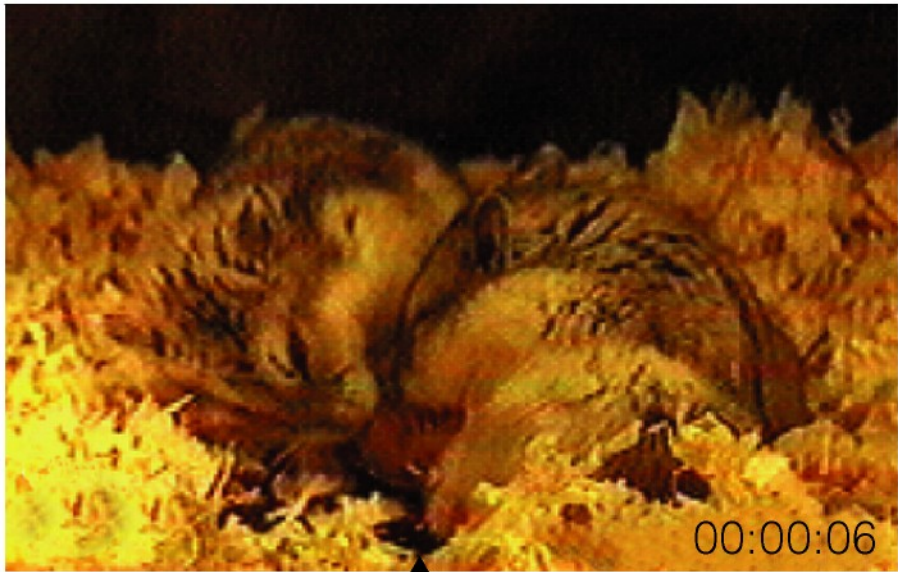
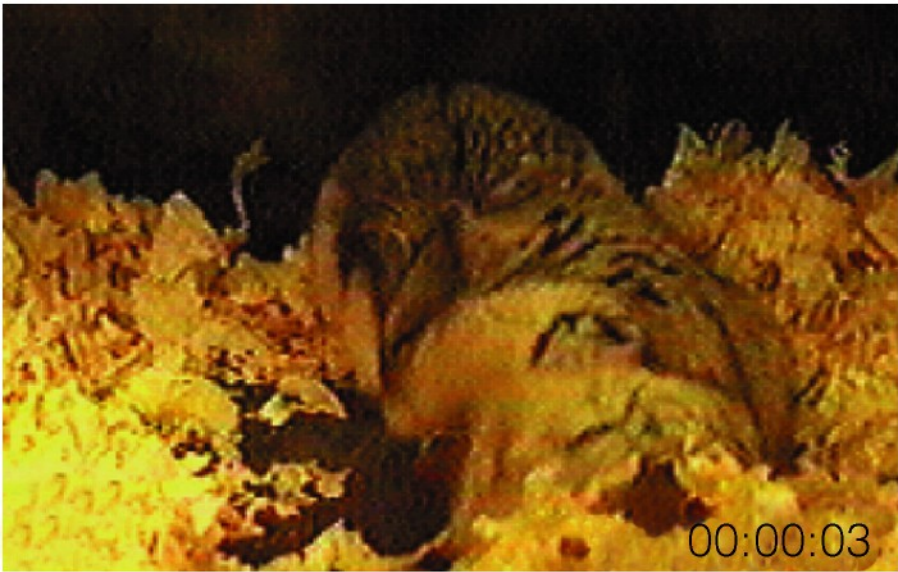
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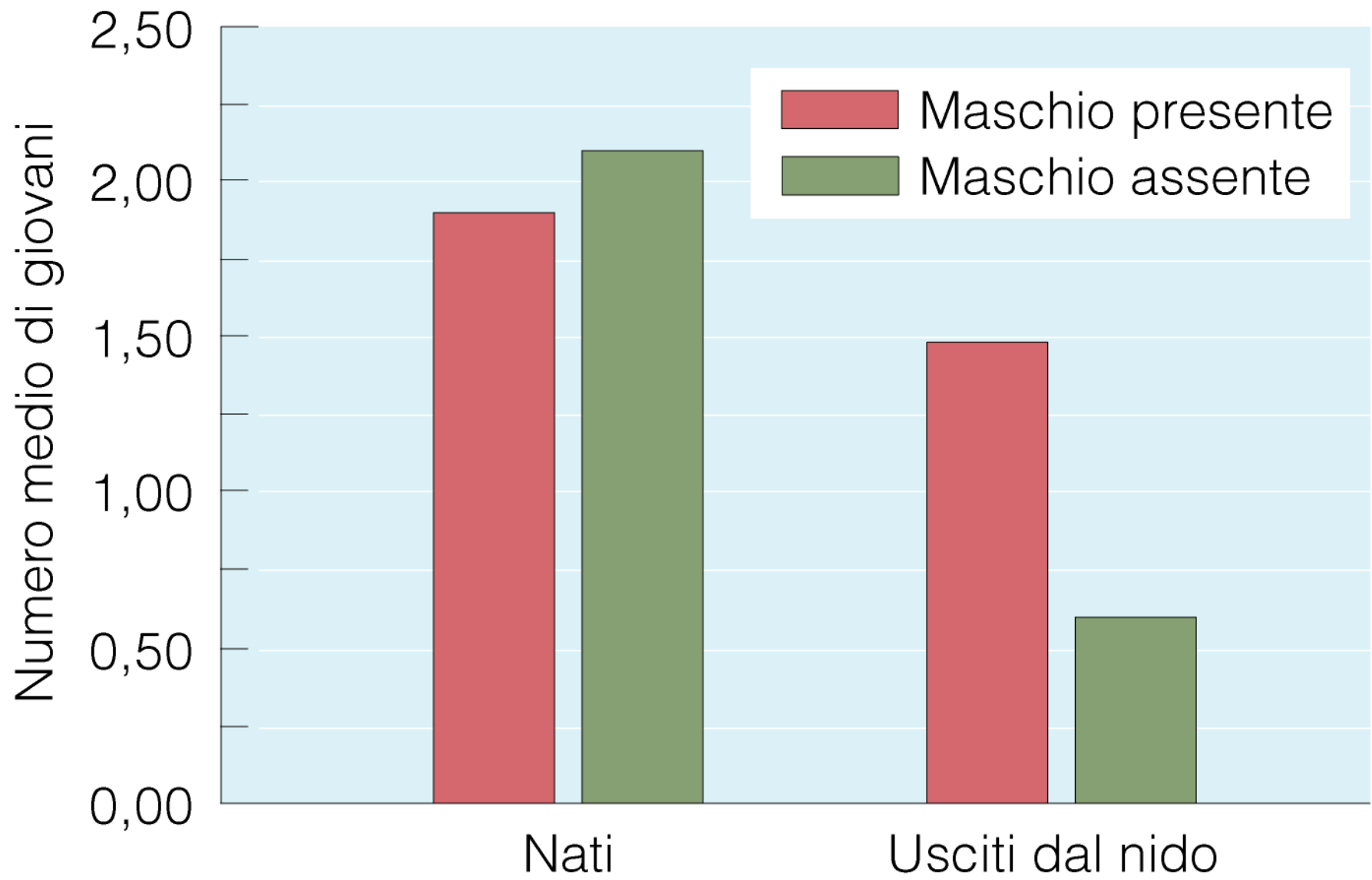


(B)

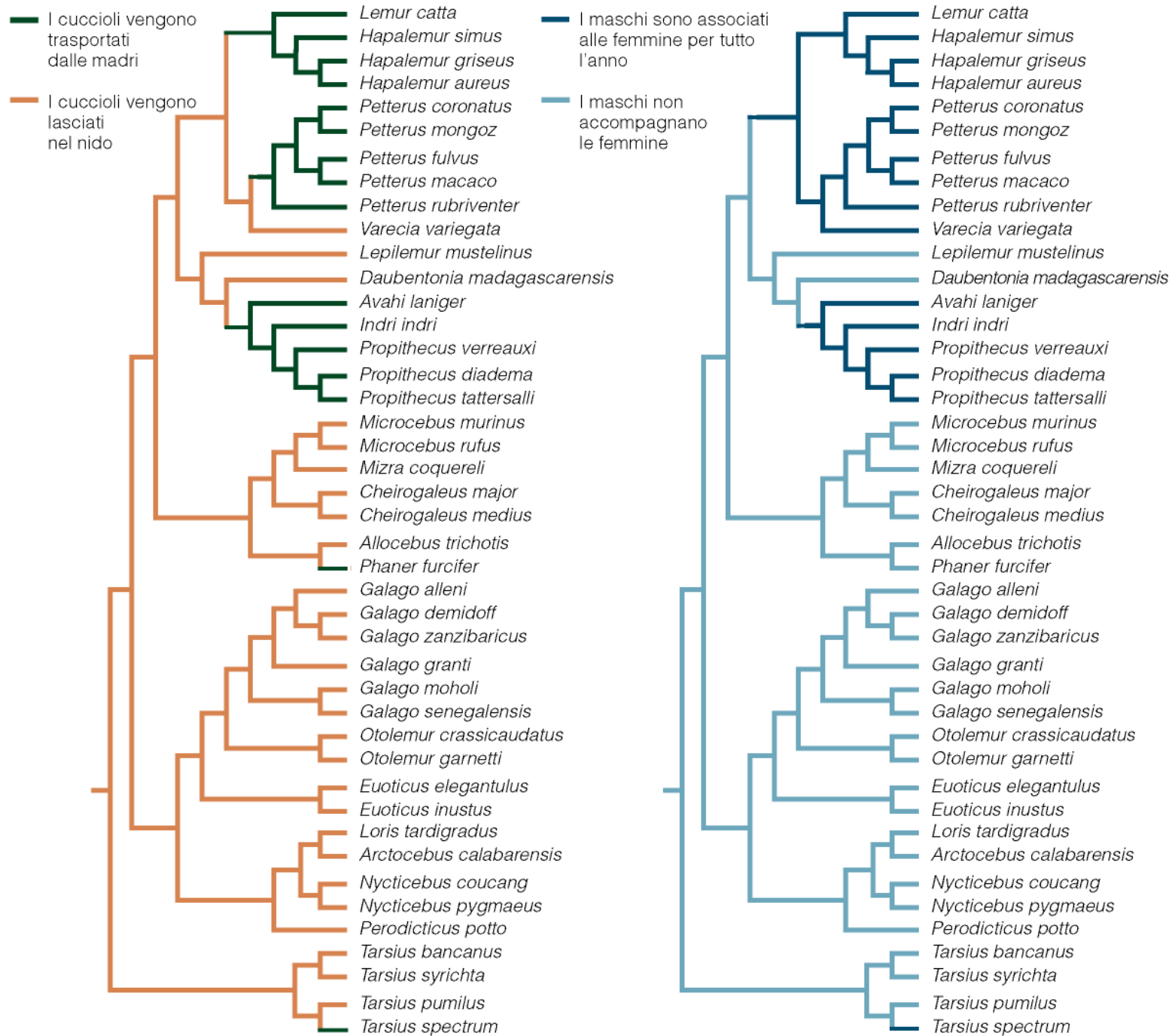


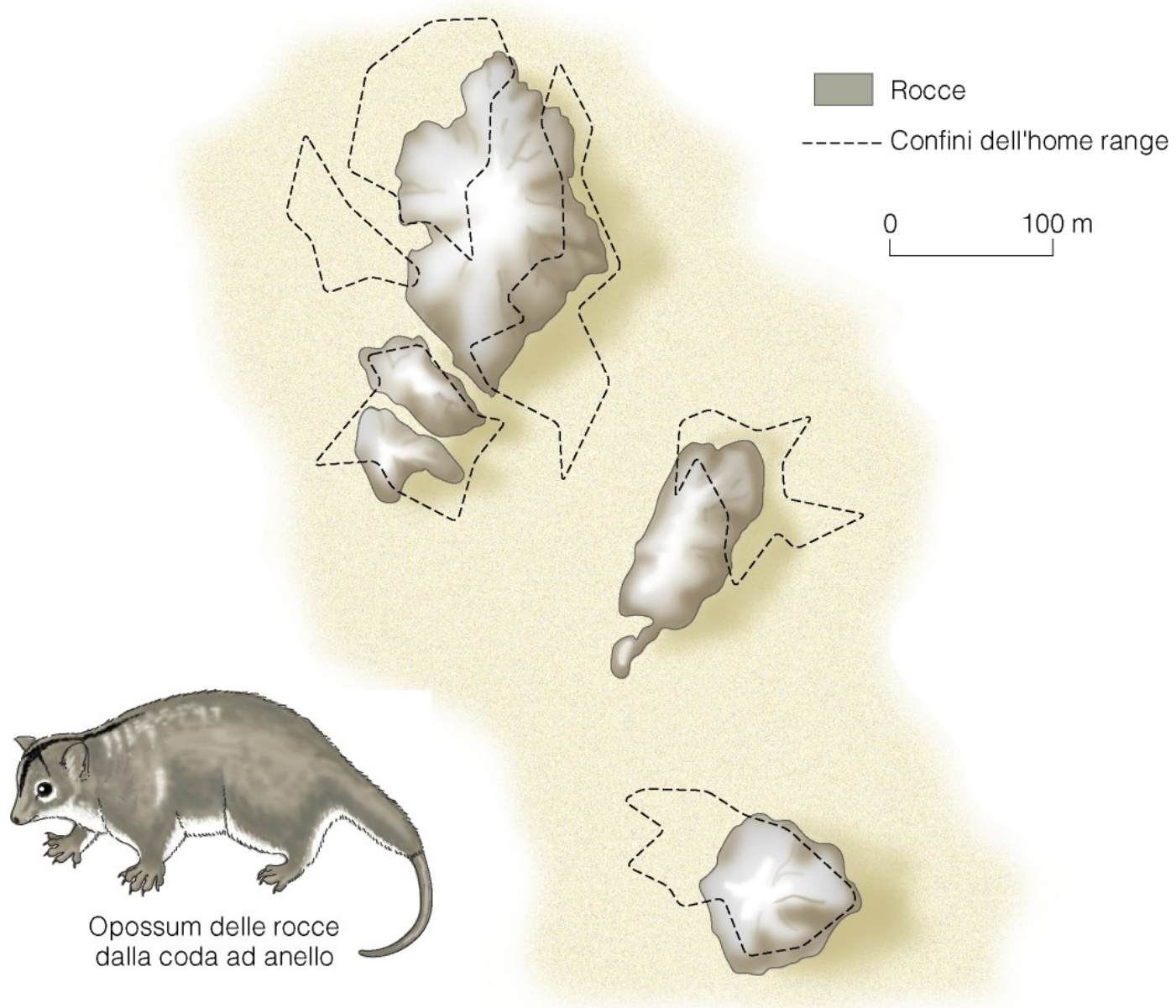


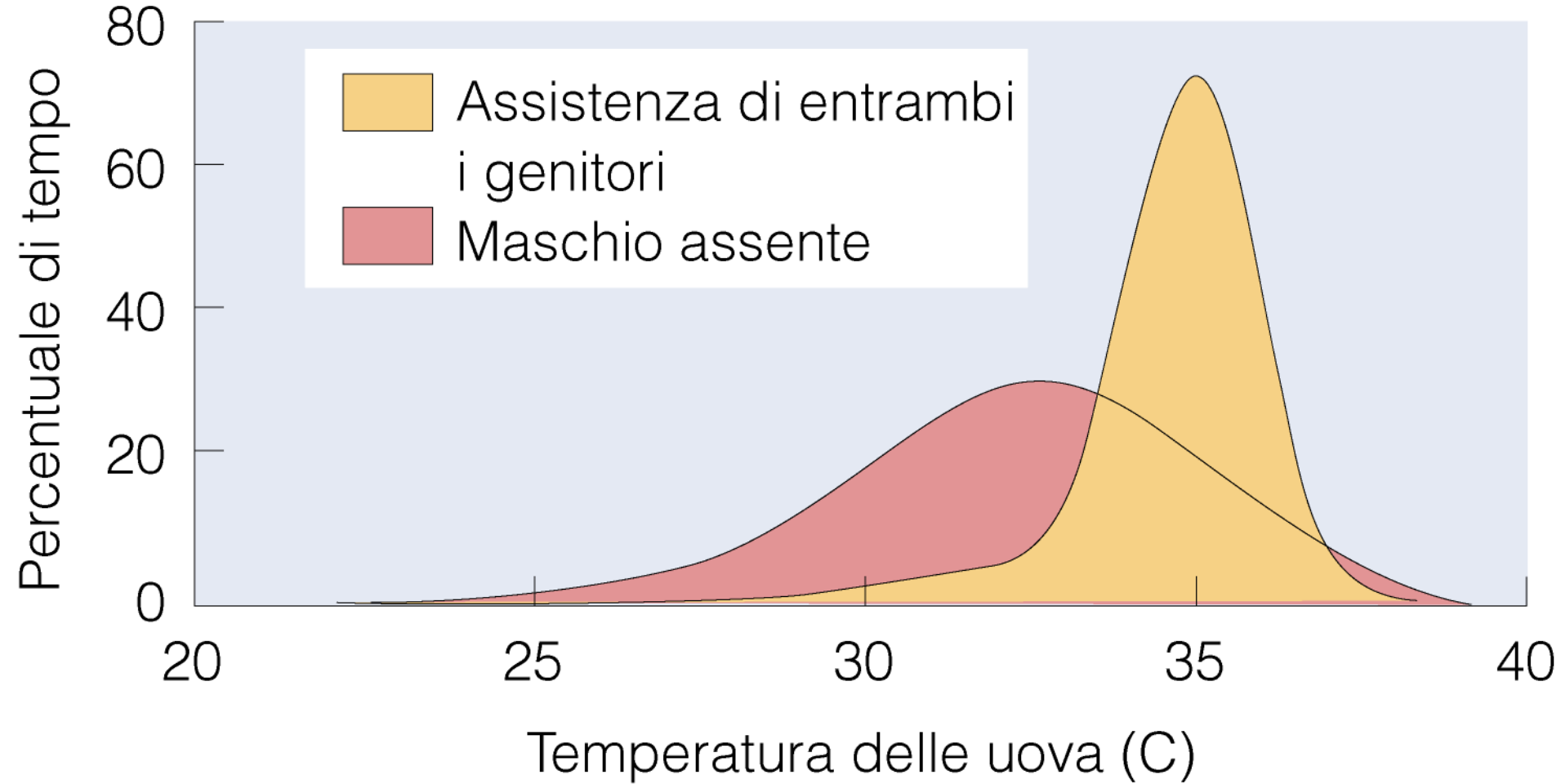


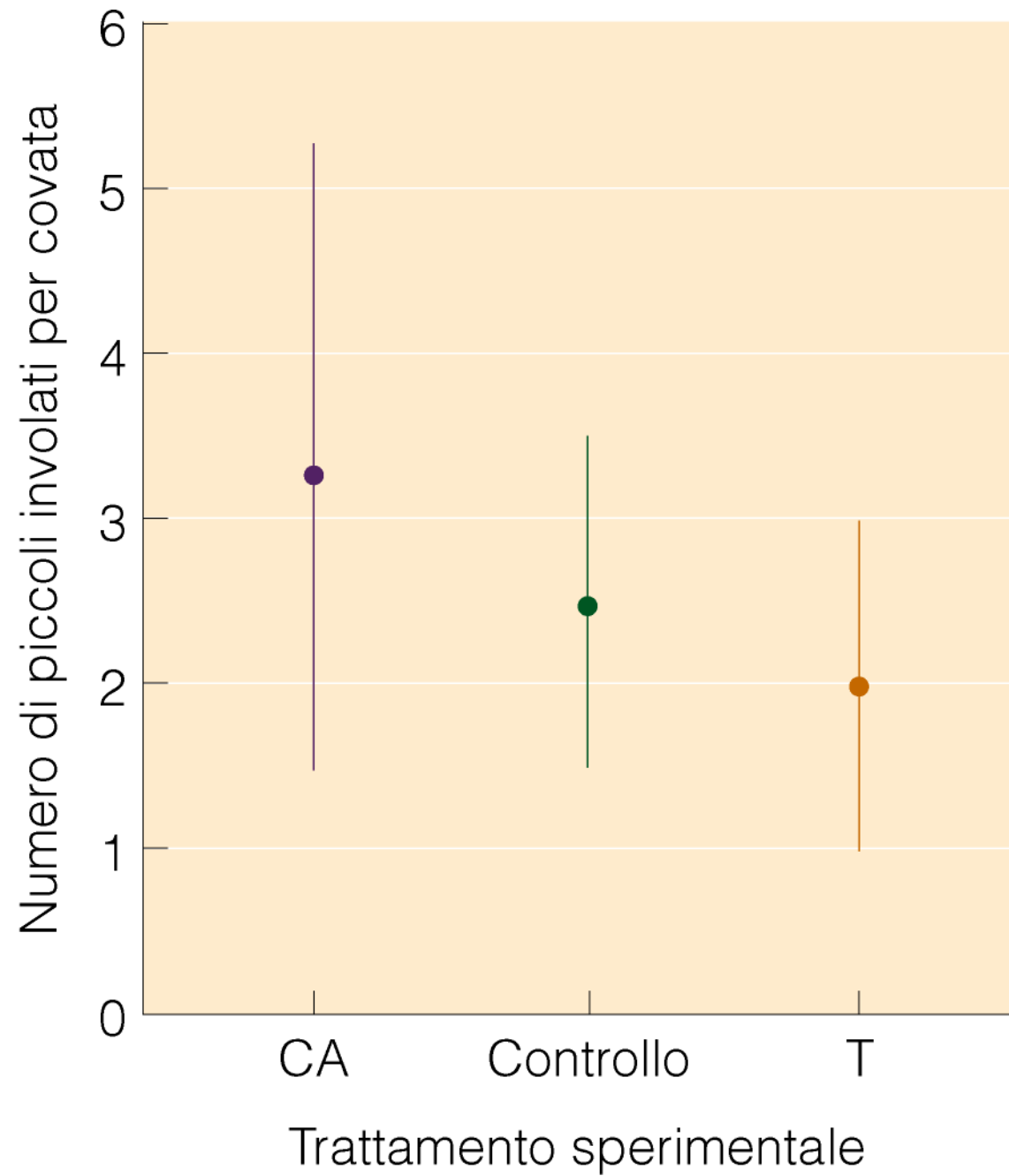










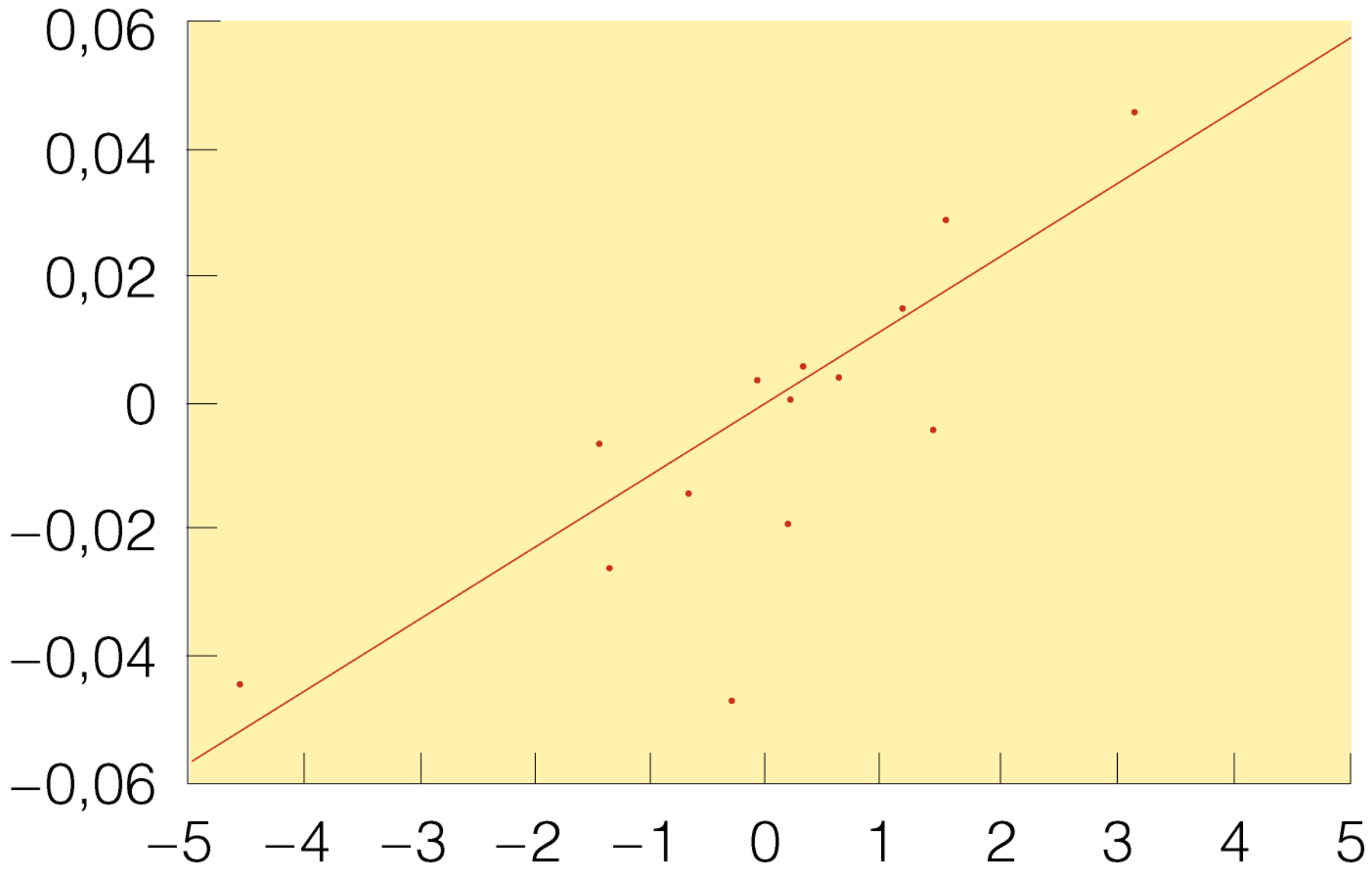


Sturno nero





Misura dei globuli bianchi



Grado di poliandria in una specie

**TABLE 11.1** *Why do females mate voluntarily with more than one male?*

**Genetic benefits polyandry**

- |                                     |  |
|-------------------------------------|--|
| 1. Fertility insurance hypothesis   | Mating with several males reduces the risk that some of the female's eggs will remain unfertilized because any one male may not have sufficient sperm to do the job.   |
| 2. Good genes hypothesis            | Females mate with more than one male because their social partner is of lower genetic quality than other potential sperm donors, whose genes will improve offspring viability or sexual attractiveness.      |
| 3. Genetic compatibility hypothesis | Mating with several males increases the genetic variety of the sperm available to the female, increasing the chance that some sperm will have DNA that is an especially good match with the DNA of her eggs. |

**Material benefits polyandry**

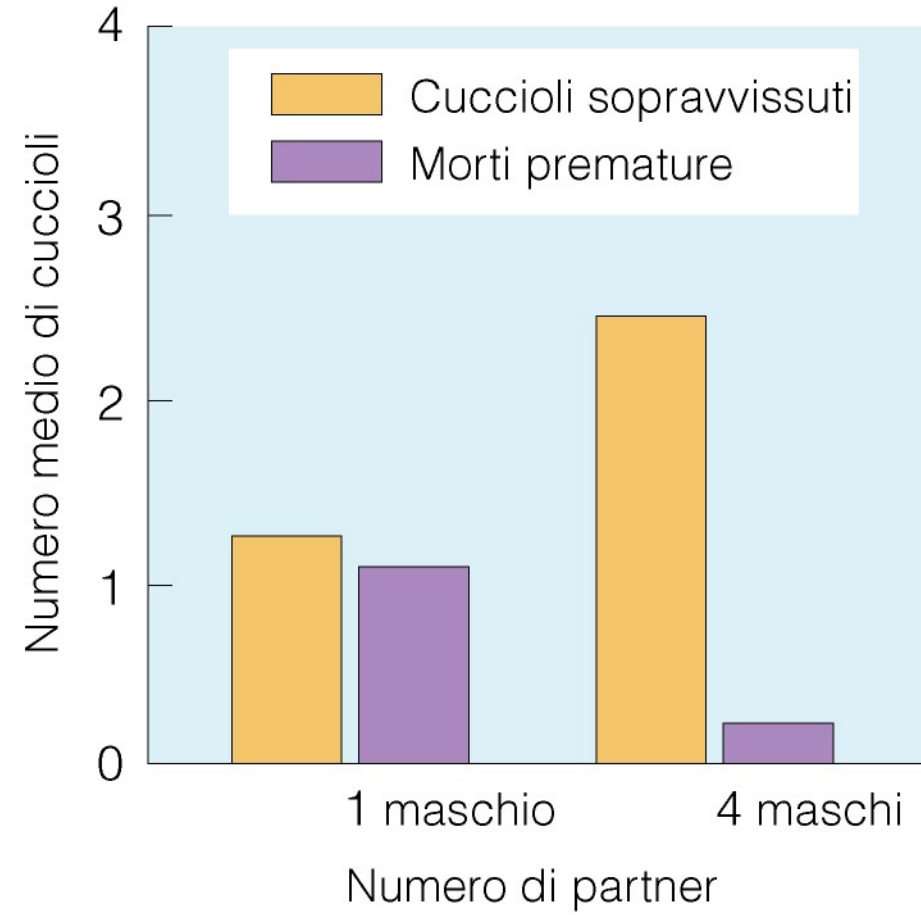
- |                                     |   |
|-------------------------------------|---|
| 1. More resources hypothesis        | More mates mean more resources or parental care received from the sexual partners of a female.  |
| 2. Better protection hypothesis     | More mates mean more time with protectors who will keep other males from sexually harassing a female.   |
| 3. Infanticide reduction hypothesis | More mates mean greater confusion about the paternity of a female's offspring and thus less likelihood of losing offspring to infanticidal males. |

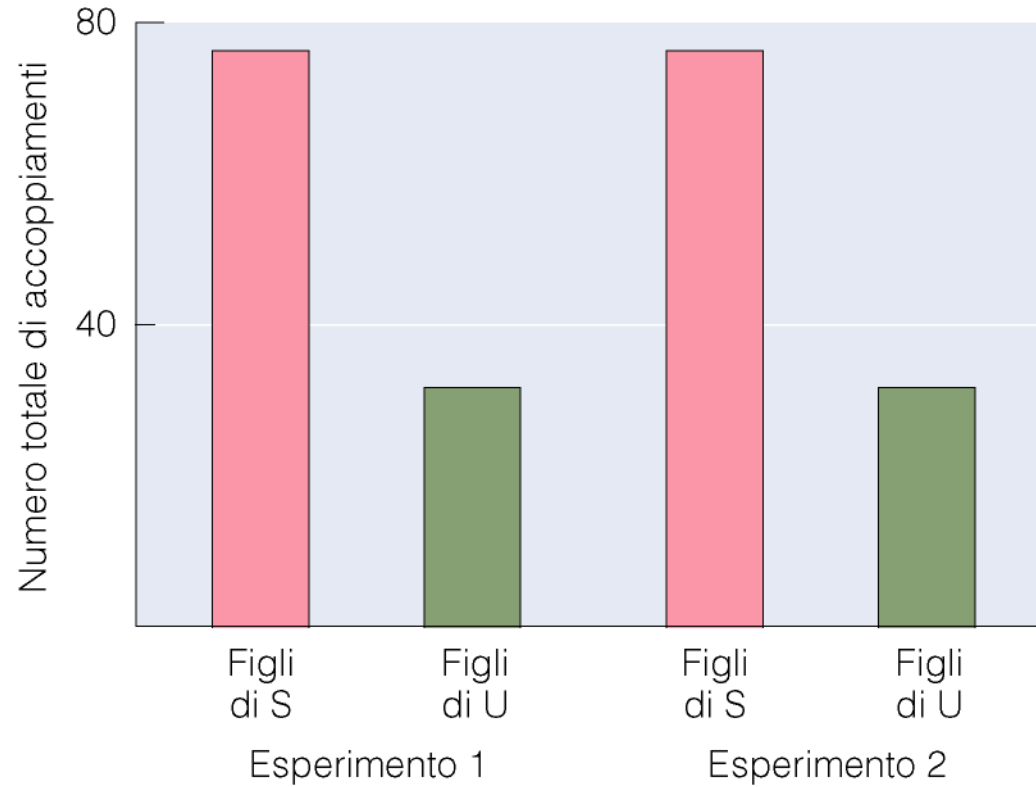


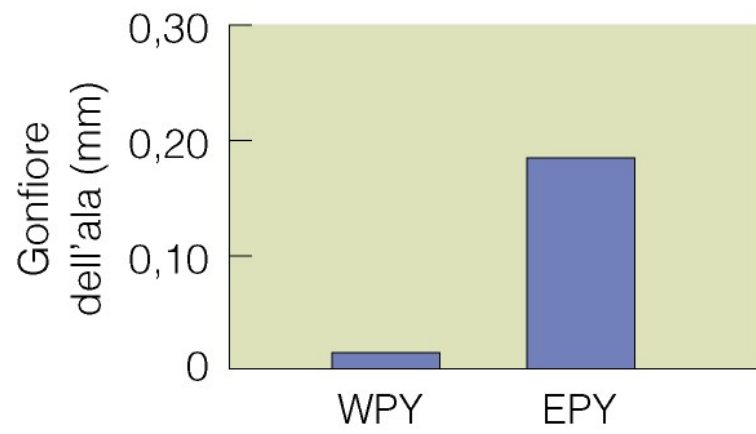
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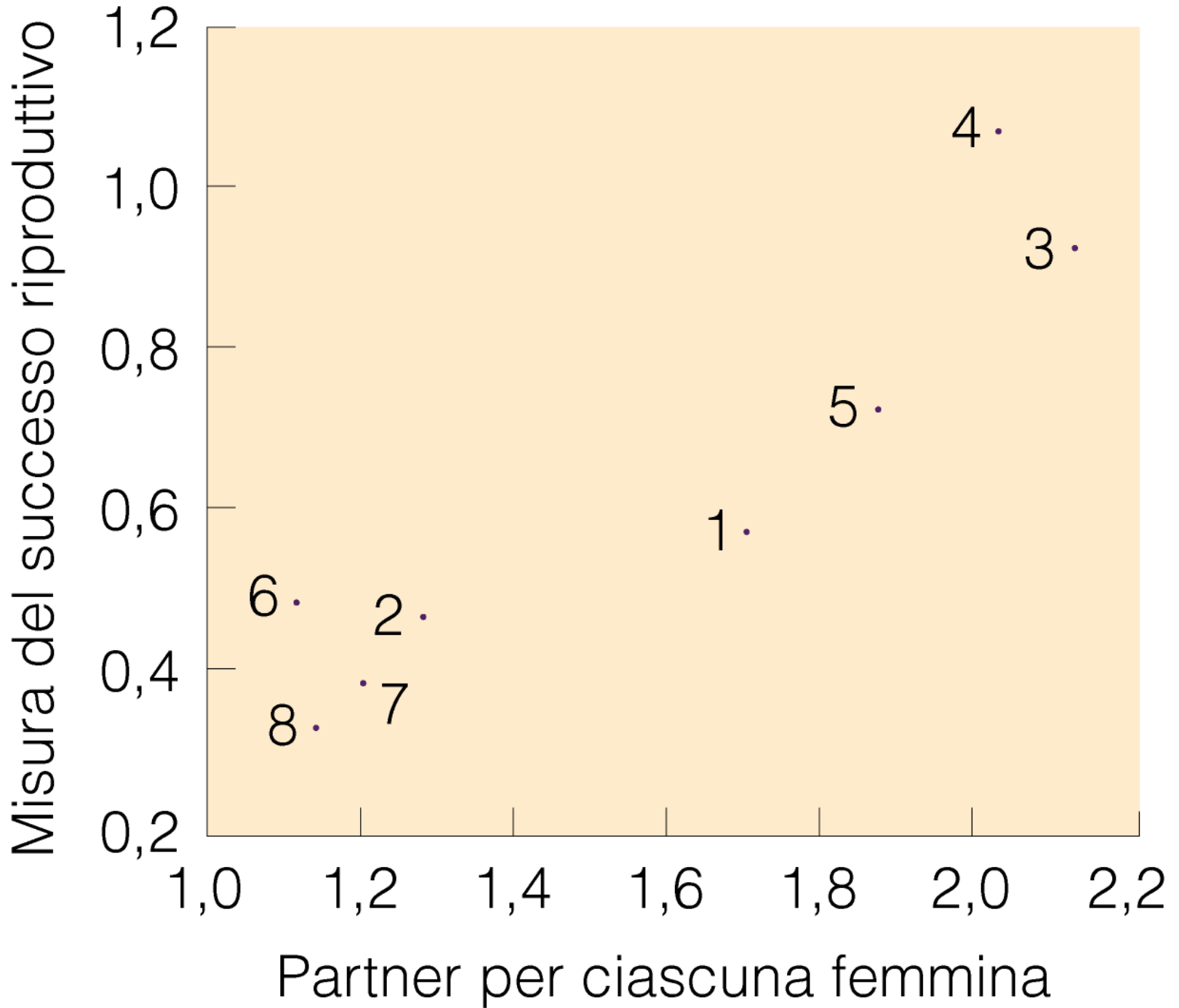
(B)



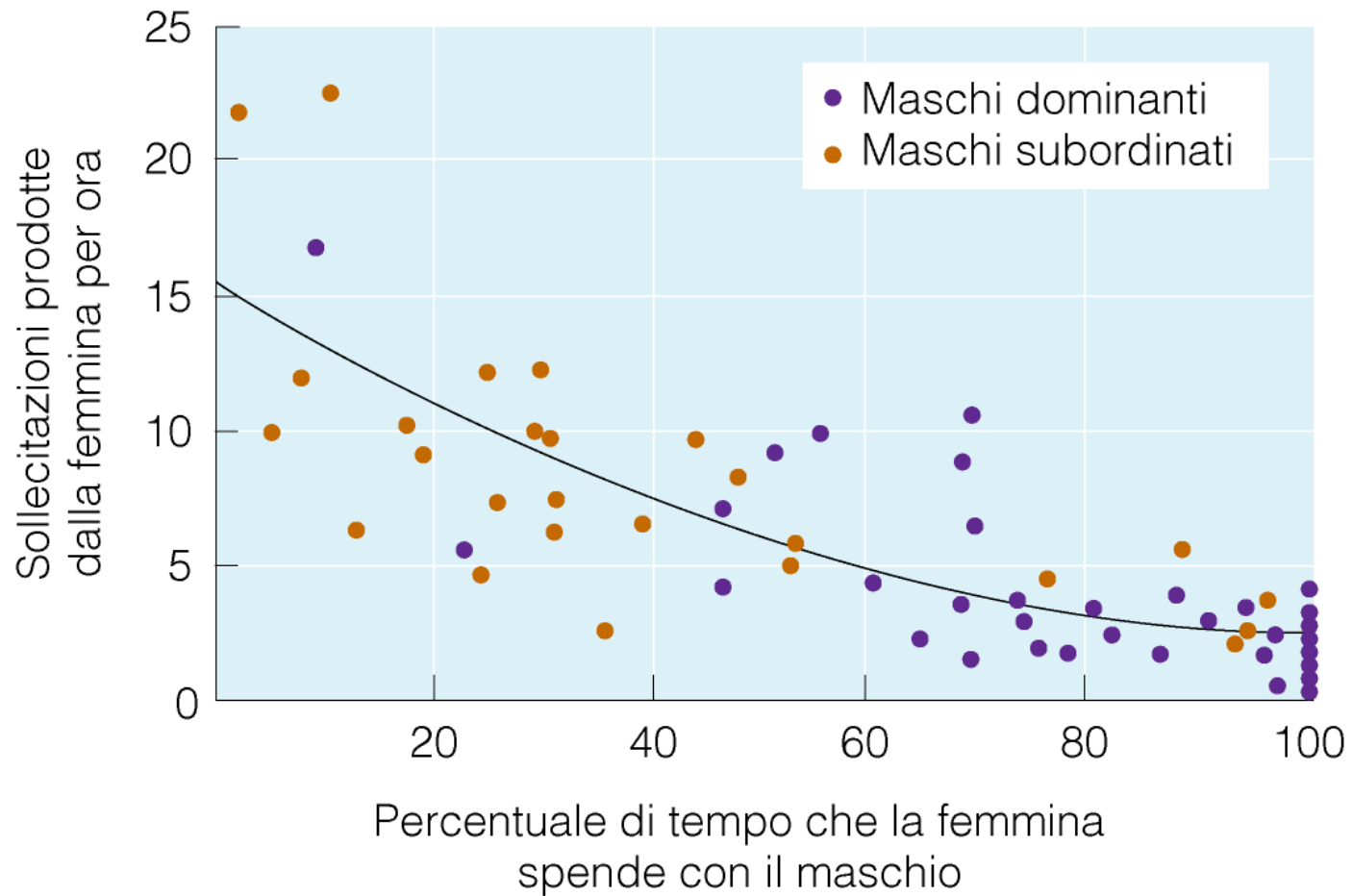








Passera scopaiola





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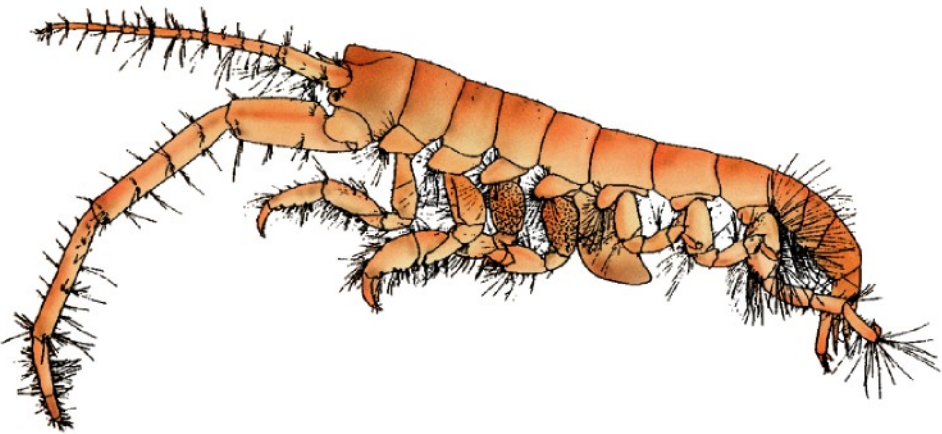
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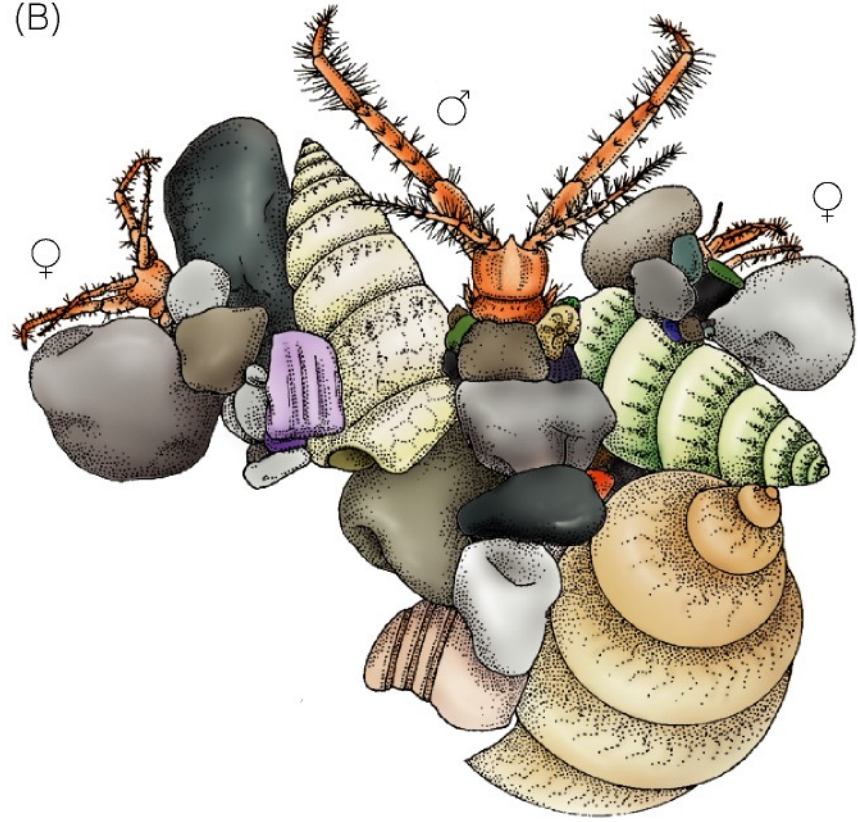




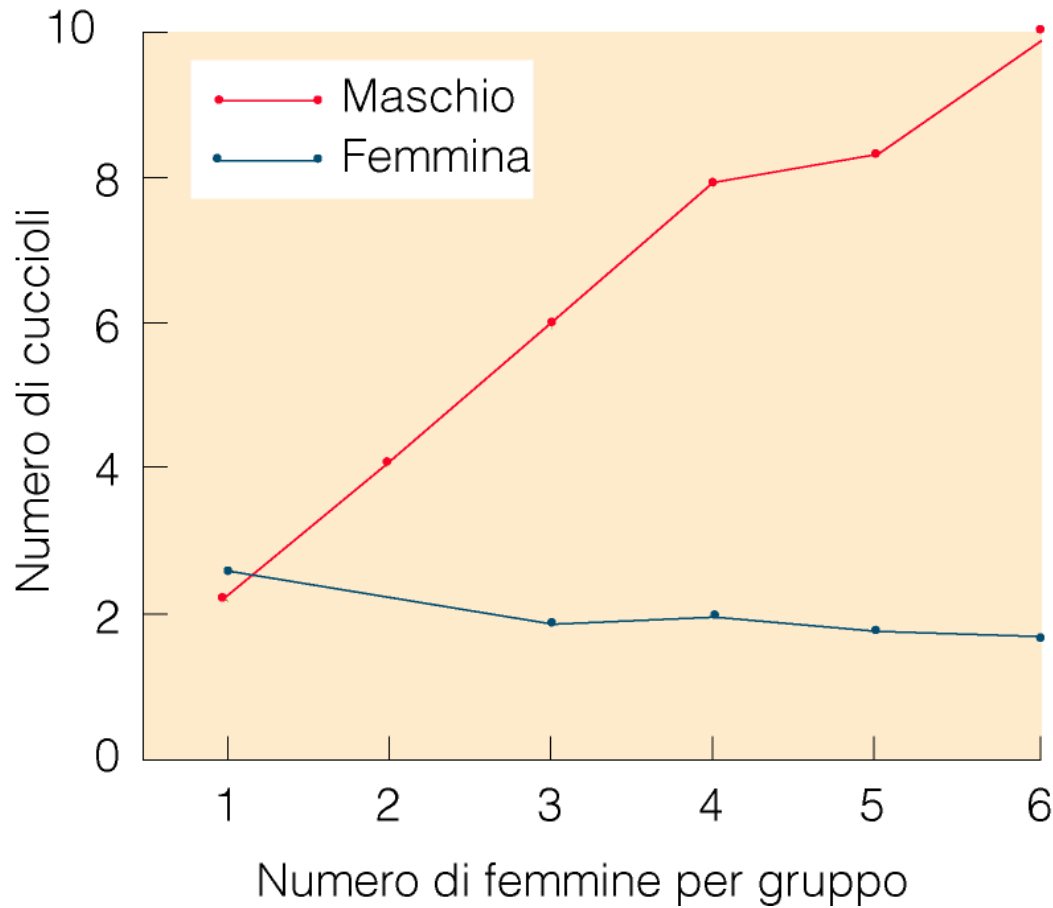
(A)



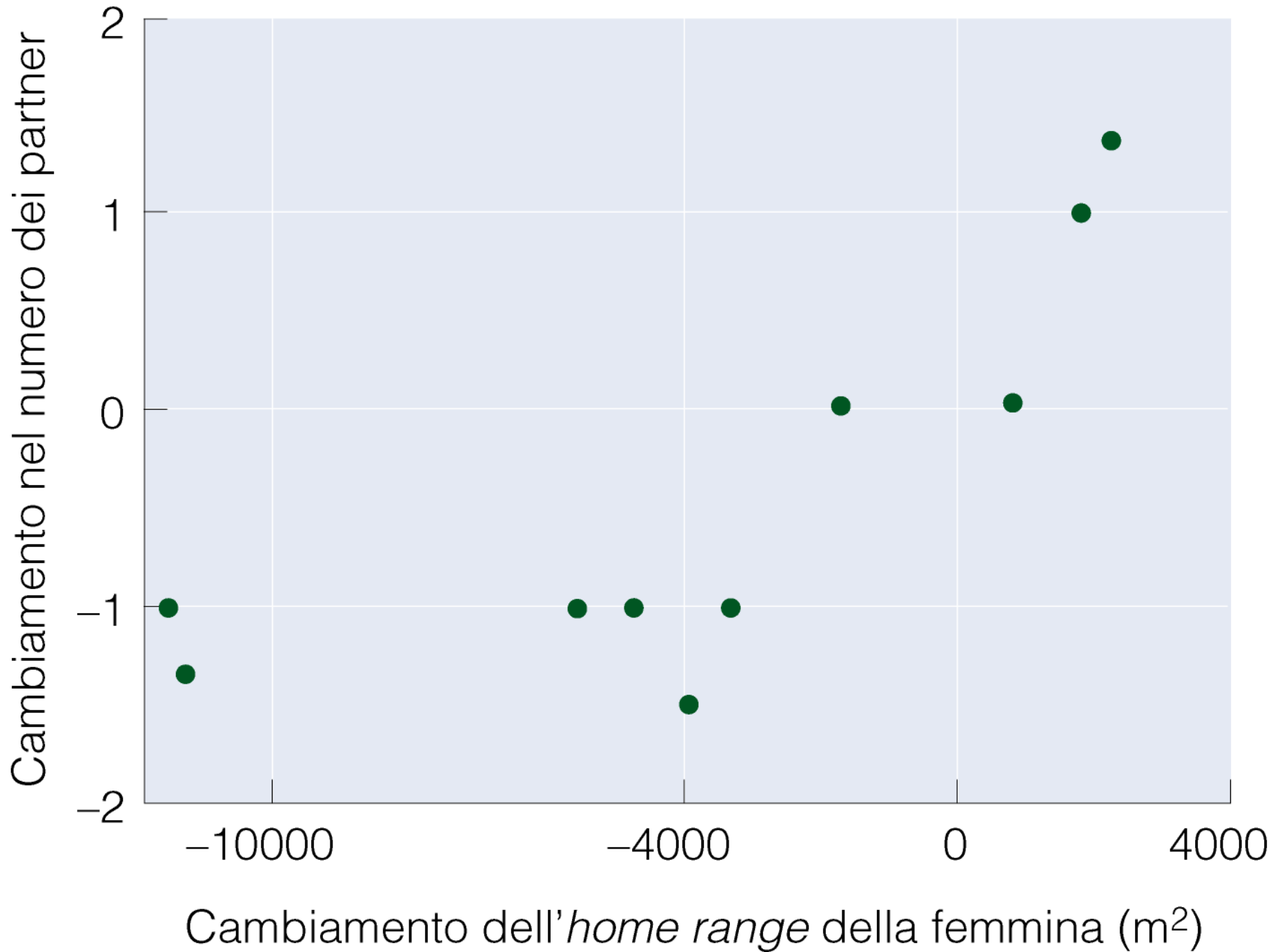
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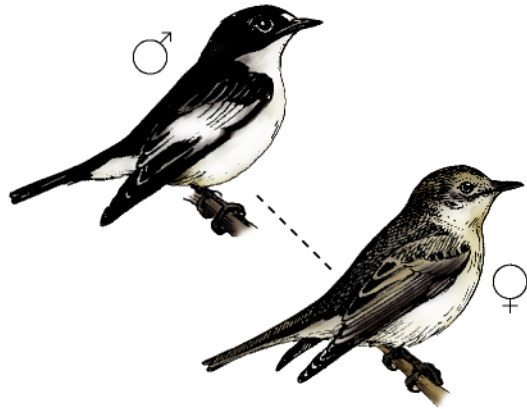
# Marmotta dal ventre giallo



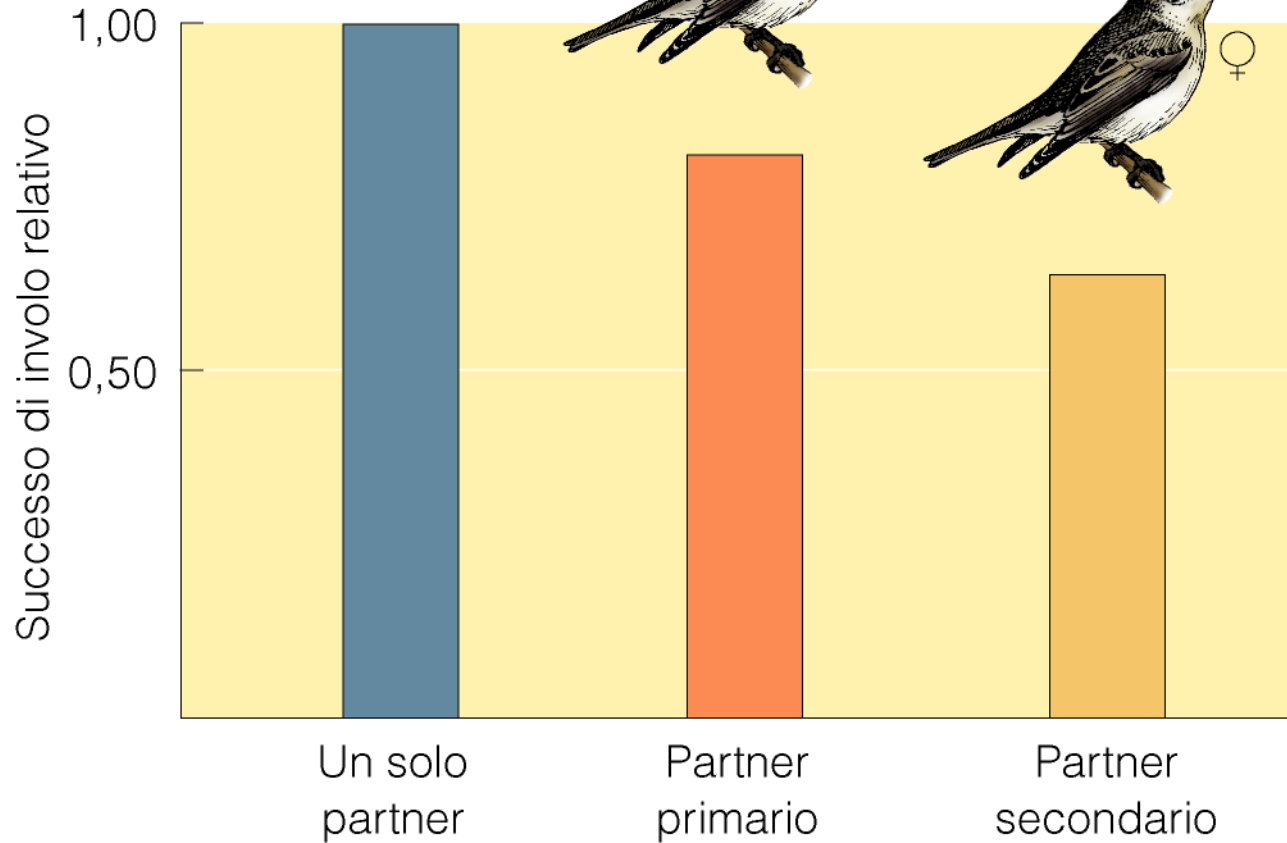
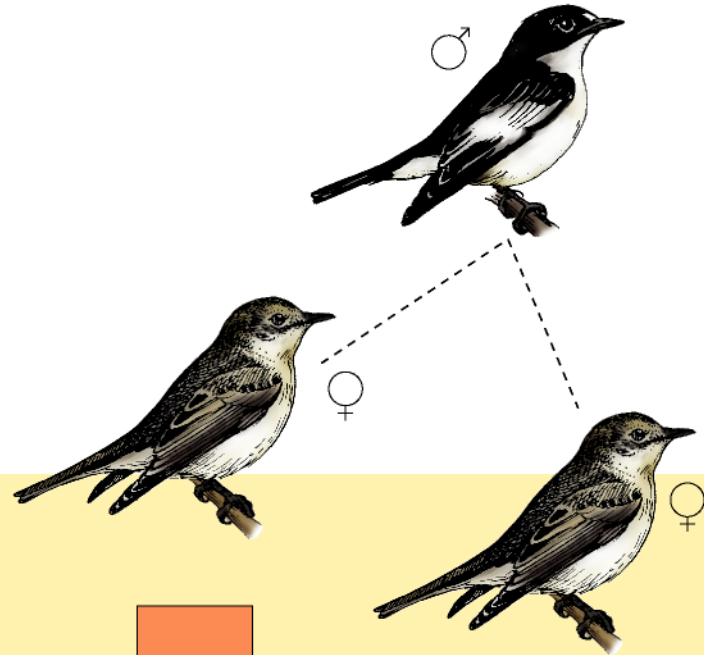




Maschio monogamo

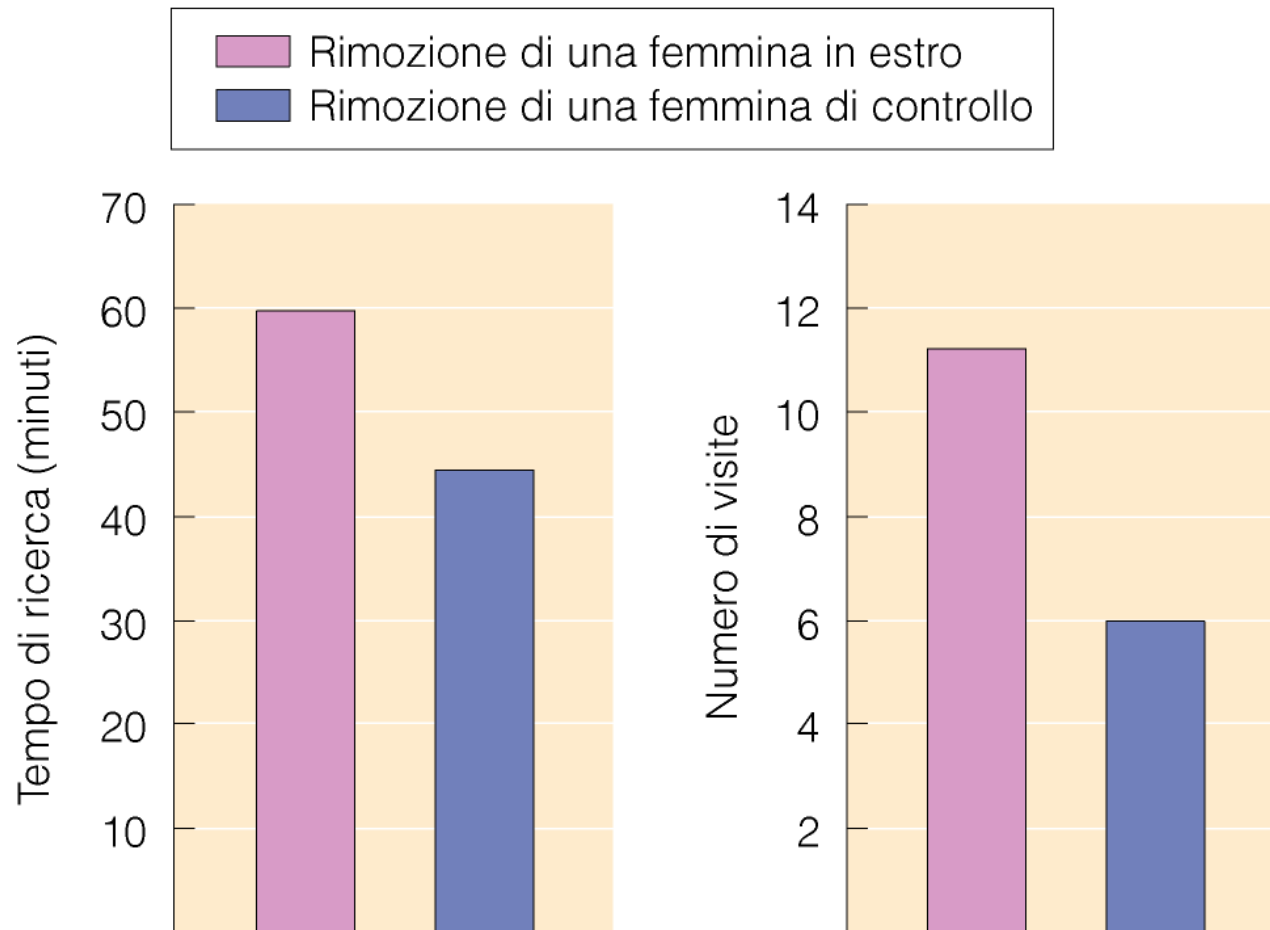


Maschio poligamo





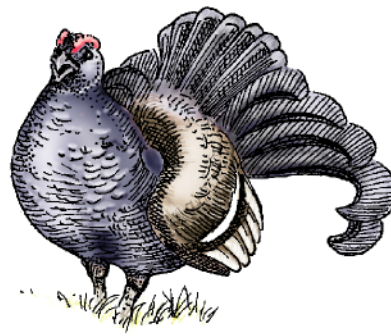
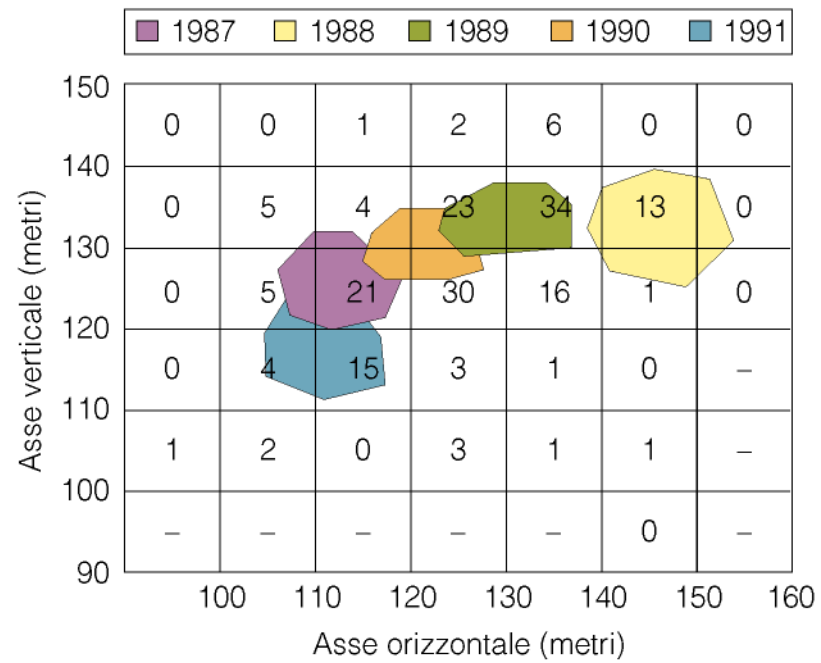
Scoiattolo di terra dalle tredici strisce





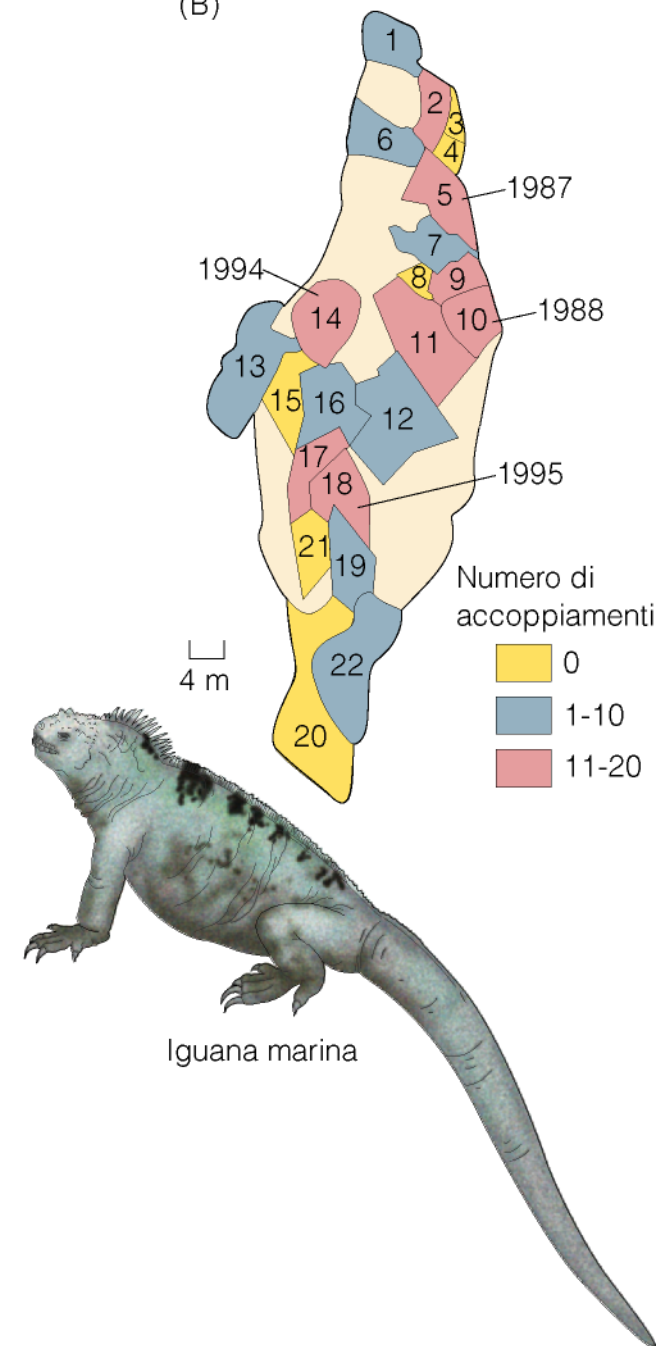


(A)

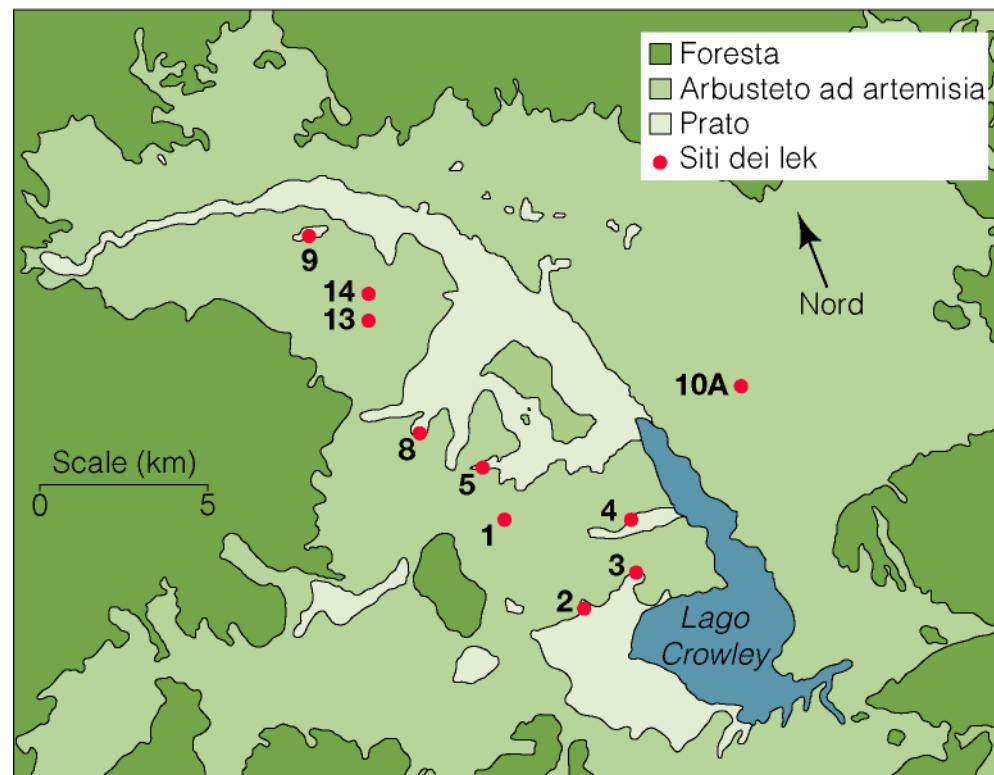


Fagiano di monte

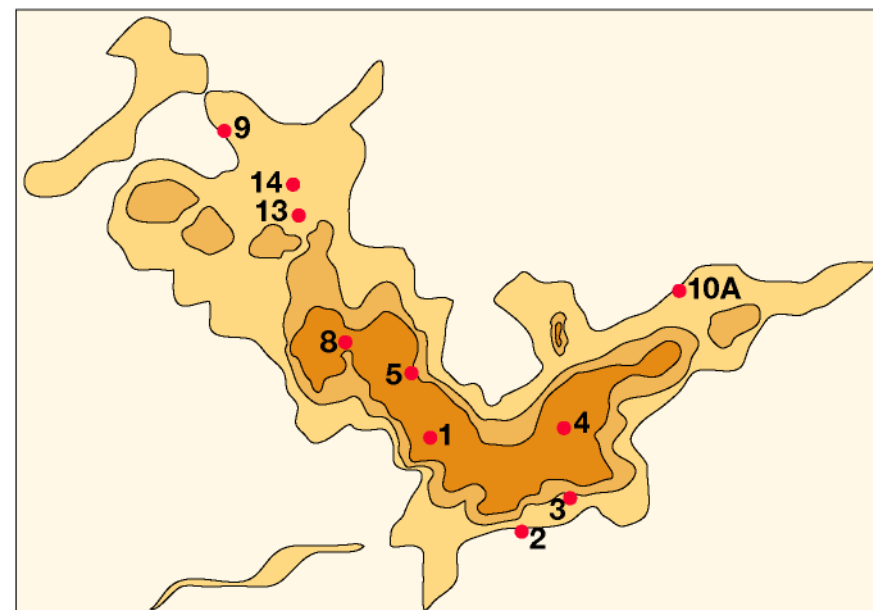
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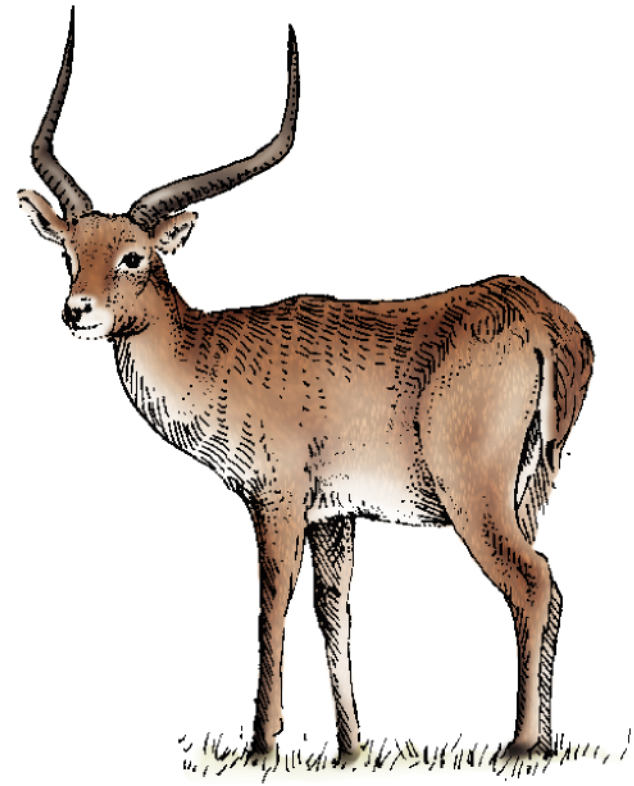


(A)

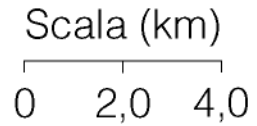
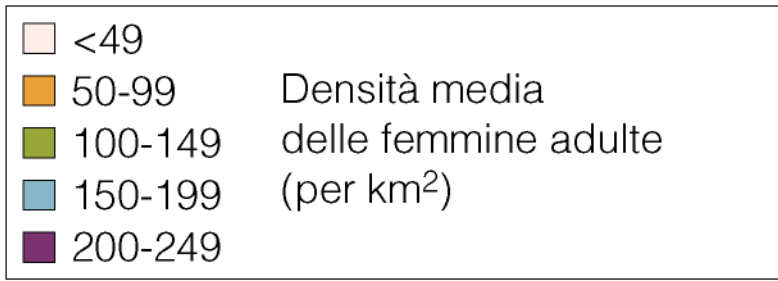
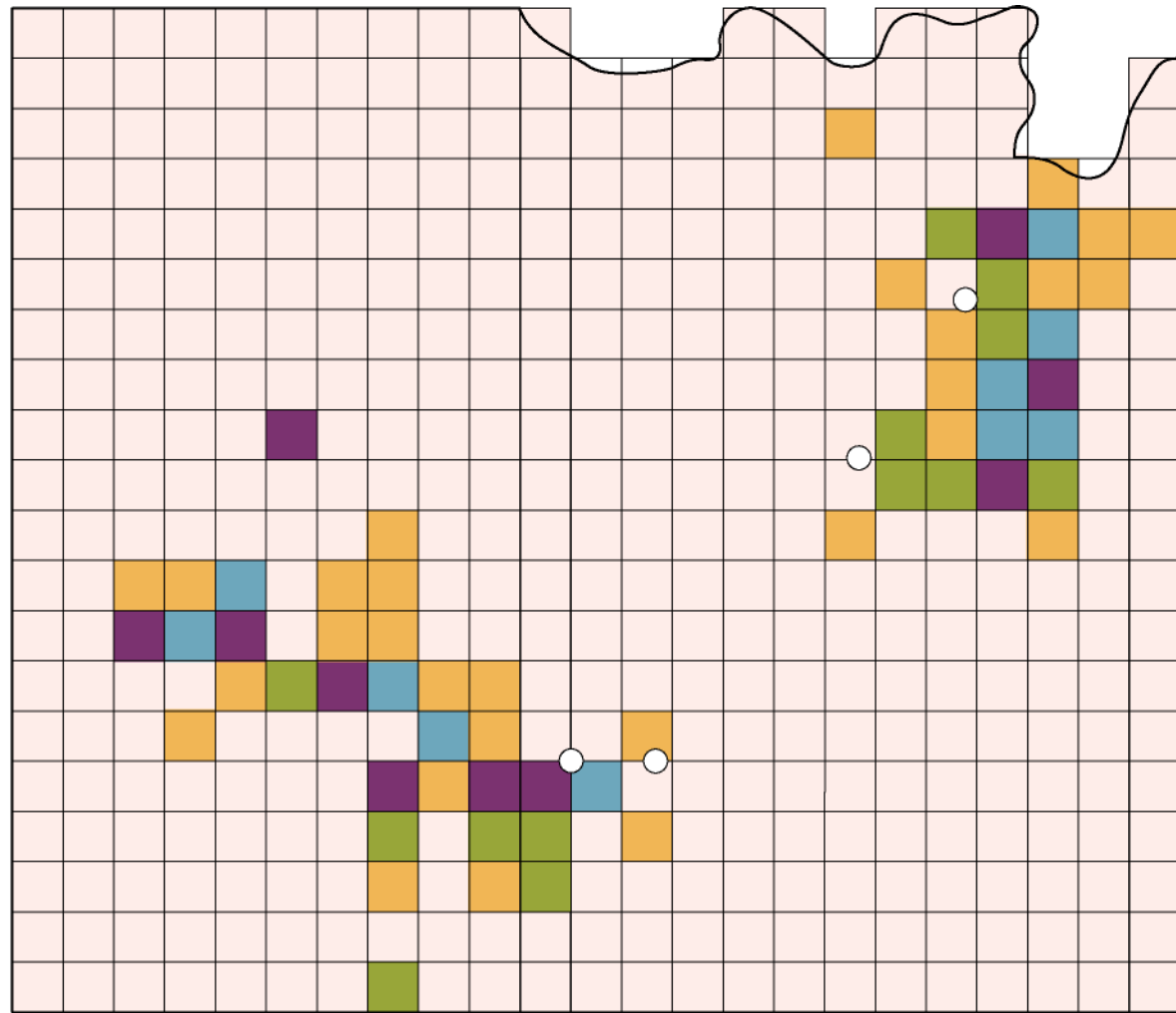


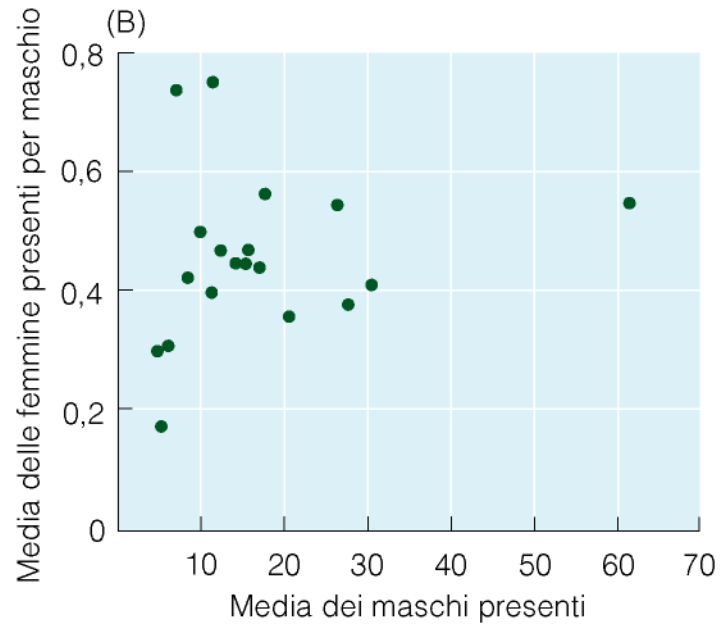
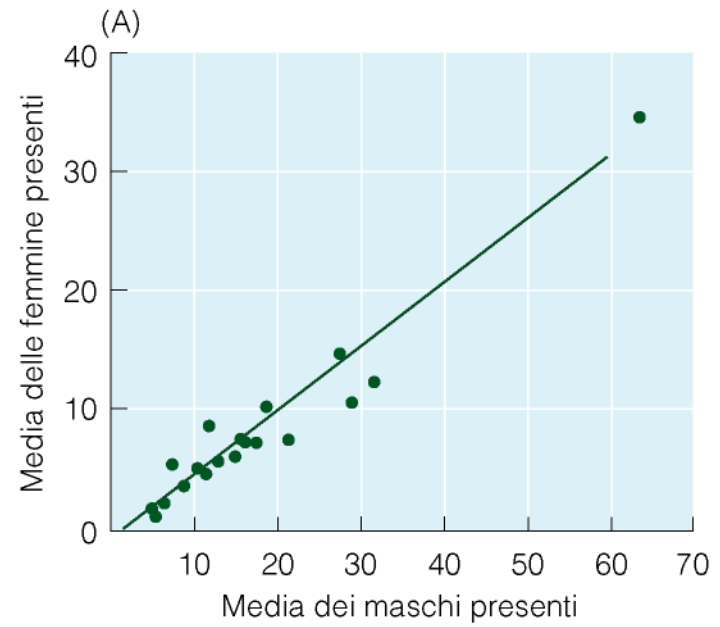
(B)





Cobo di Kafue





Cobo dell'Uganda



Combattente

