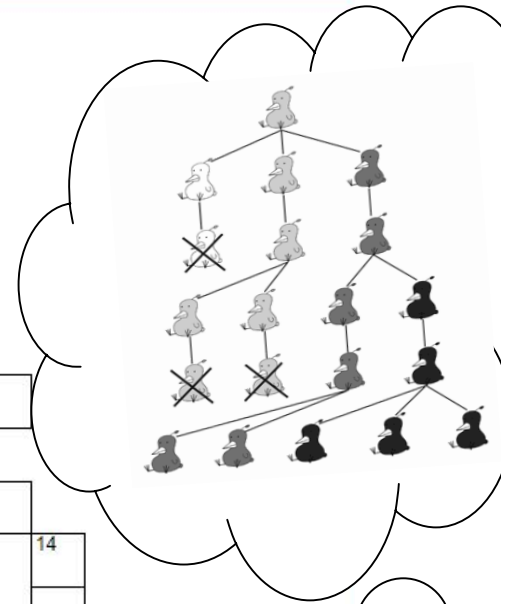
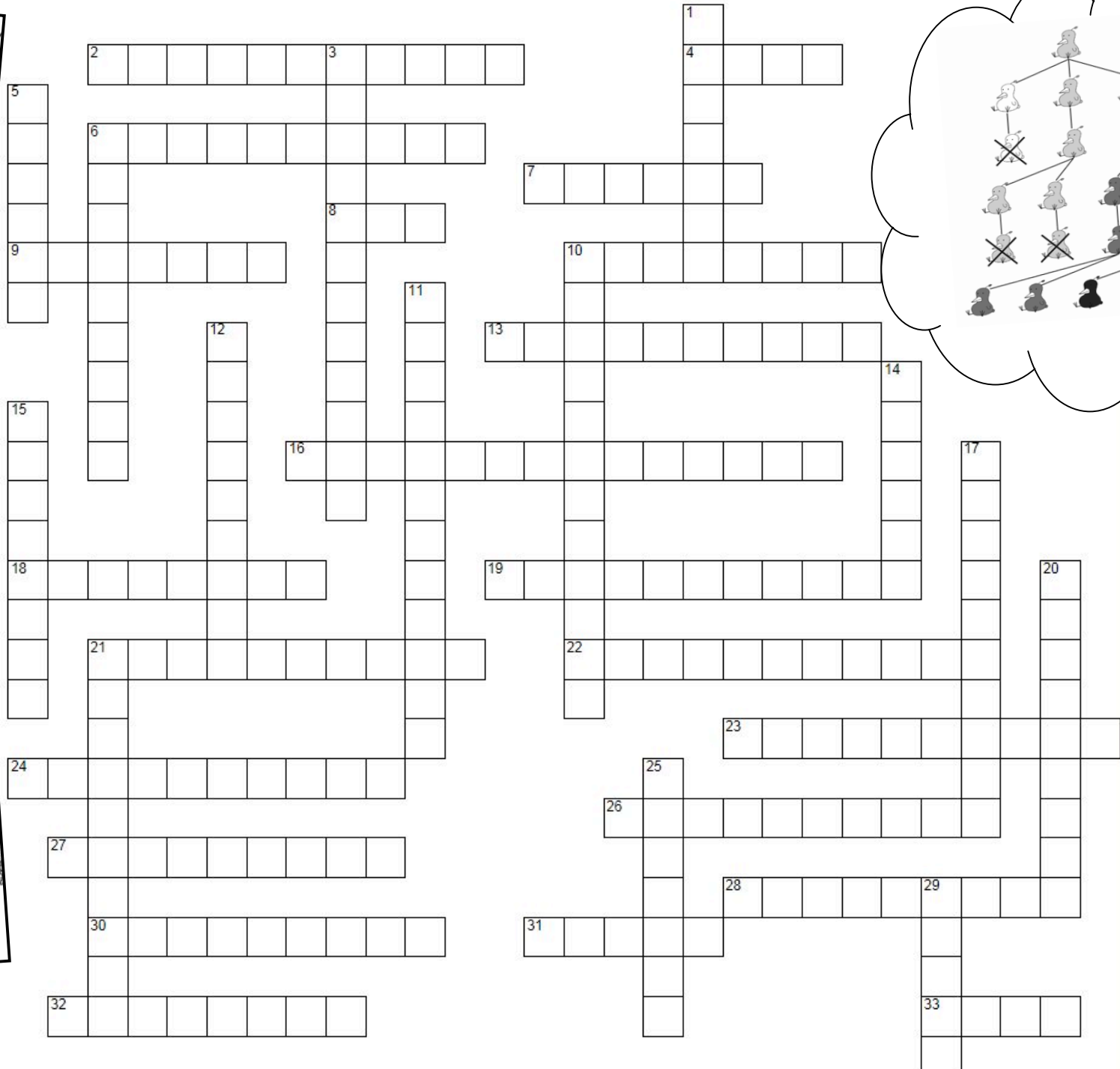


EVOLUTION MAKES ME CROSS!



Across:

2. After fertilisation
4. Gene ____ : all the genes and alleles of a population
6. Before fertilisation
7. Offspring of two different types of organism
8. reproductive isolating mechanisms
9. A branch on an evolutionary tree
10. Selection ____ : action of the environment on causing differential survival and reproduction of individuals in a population
13. In different places
16. Large changes in genetic make-up over time e.g. new species form
18. RIM time
19. _____ RIM: different species don't respond to each other's courtship display
21. Formation of new species from an ancestral one
22. Form of Natural Selection that favours the average phenotype
23. Major catastrophic reduction in population size leading to the random loss of in a population and reduced genetic diversity in the survivor's gene pool
24. Ice age
26. Form of Natural Selection that favours extreme phenotypic characters in a population
27. Without this, there would be no evolution
28. Hybrid _____ : postzygotic RIM where successive generations of offspr become less viable
30. Interruption of gene flow
31. Recently isolated populations showing a limited amount of genetic divergenc
32. Unable to survive
33. Gene ____ : stops gene pools from diverging

Down:

1. A group of similar organisms naturally able to breed and produce fully fertile offspring
3. Non-biological barrier to gene flow
5. Name of the ship on which Charles Darwin collected evidence for evolution by natural selection
6. The physical expression of an organism's genotype
10. Many forms of a gene in a population
11. _____ advantage: genotype of two different alleles is the most fit
12. In the same place
14. Form of Natural Selection where mate choice acts as the main determinant of fitness
15. Agent of microevolution; occurs randomly and regularly
17. Gradually becoming more different
20. The only adaptive evolutionary process
21. Cuts off gene pools
25. A measure of an organism's reproductive success in its environment
29. Random changes in allele frequencies



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