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12.31.2008

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["15 Evolutionary Gems"](#) [4] (PDF) is a new resource summarizing fifteen lines of evidence for evolution by natural selection, provided by the journal *Nature*. The editors [explain](#) [5], "About a year ago, an Editorial in these pages urged scientists and their institutions to 'spread the word' and highlight reasons why scientists can treat evolution by natural selection as, in effect, an established fact ... This week we are following our own prescription. In a year in which Darwin is being celebrated amid uncertainty and hostility about his ideas among citizens, being aware of the cumulatively incontrovertible evidence for those ideas is all the more important. We trust that this document will help."

The fifteen evolutionary gems, as *Nature* describes them, are in three categories: gems from the fossil record (land-living ancestors of whales, from water to land, the origin of feathers, the evolutionary history of teeth, and the origin of the vertebrate skeleton), gems from habitats (natural selection in speciation, natural selection in lizards, a case of co-evolution, differential dispersal in wild birds, selective survival in wild guppies, and evolutionary history matters), and gems from molecular processes (Darwin's Galapagos finches, microevolution meets macroevolution, toxin resistance in snakes and clams, and variation versus stability). References and links to relevant resources are provided.

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Links

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