



## The Epigenetic Caterpillar: An Alternative to the Neo-Darwinian View of the Peppered Moth Phenomenon (Paperback)

By Maria B O Hare

Dig-Press, United States, 2014. Paperback. Book Condition: New. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Industrial melanism of peppered moths is a famous case of what has often been described as: Darwinian evolution via selection in action . This little book offers an alternative, yet light hearted approach, to this rather controversial topic, based upon the most recent and cutting-edge biological scientific discoveries of our present time. This alternative explanation gives us an insight into past evolutionary speciation (how one species becomes another) in real terms, hence the use of an epigenetic caterpillar analogy as a caterpillar via metamorphosis, turns into a butterfly: a distinctly different animal, yet, irrespective of whether it is in its caterpillar or a flying insect form, its genes remain identical. This is explicable by environmentally-driven epigenetic processes as it is the change in the expression of the genes that are triggered by the environment, which can cause a profound and rapid change in the species and these changes can be inherited. The genes themselves or the DNA sequence do not alter. Therefore, the epigenetics form of evolution is at complete odds with the Neo-Darwinian explanation of the cause...



**READ ONLINE**  
[ 4.39 MB ]

### Reviews

*A fresh e-book with a brand new perspective. This is certainly for anyone who statts that there had not been a really worth reading. I am just happy to explain how this is the very best publication i have go through in my individual lifestyle and may be he best pdf for ever.*

-- **Margarett Roob**

*The very best publication i possibly study. This is certainly for anyone who statts there was not a worth looking at. I am just very happy to tell you that this is basically the best pdf i actually have study inside my individual life and could be he very best pdf for possibly.*

-- **Darlene Blick**