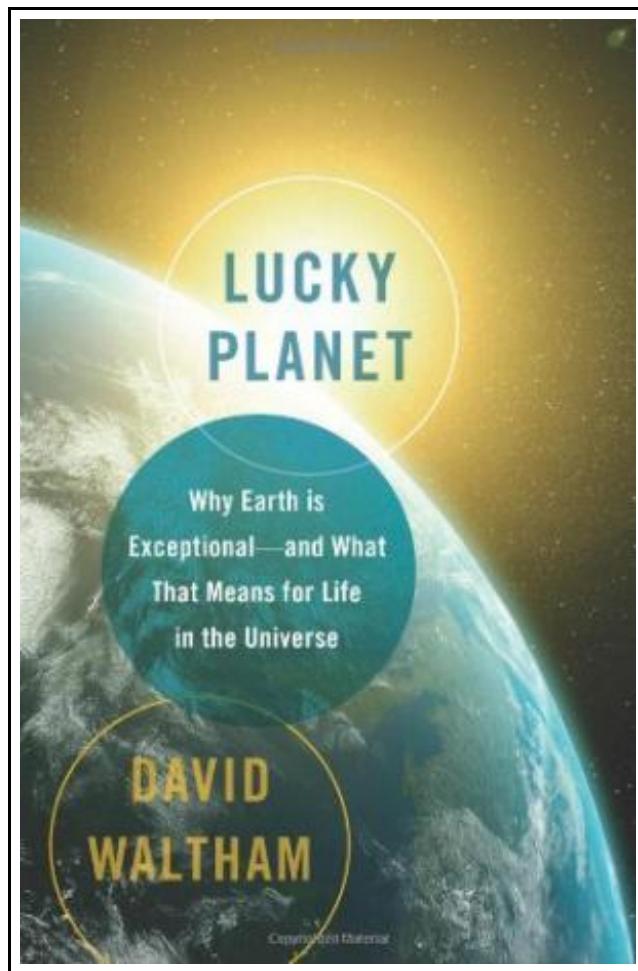


## Lucky Planet: Why Earth is Exceptional--and What That Means for Life in the Universe



Filesize: 5.6 MB

### Reviews

*This kind of publication is every thing and taught me to seeking ahead and a lot more. It really is rally interesting throgh reading through time. I realized this ebook from my i and dad recommended this publication to understand.*

*(Dax Herzog)*

## LUCKY PLANET: WHY EARTH IS EXCEPTIONAL--AND WHAT THAT MEANS FOR LIFE IN THE UNIVERSE

[DOWNLOAD](#)

The Perseus Books Group. Hardback. Book Condition: new. BRAND NEW, *Lucky Planet: Why Earth is Exceptional--and What That Means for Life in the Universe*, David Waltham, Humankind has long fantasized about life elsewhere in the universe. And as we discover countless exoplanets orbiting other stars--among them, rocky super-Earths and gaseous Hot Jupiters--we become ever more hopeful that we may come across extraterrestrial life. Yet even as we become aware of the vast numbers of planets outside our solar system, it has also become clear that Earth is exceptional. The question is: why? In *Lucky Planet*, astrobiologist David Waltham argues that Earth's climate stability is one of the primary factors that makes it able to support life, and that nothing short of luck made such conditions possible. The four-billion-year stretch of good weather that our planet has experienced is statistically so unlikely, he shows, that chances are slim that we will ever encounter intelligent extraterrestrial others. Describing the three factors that typically control a planet's average temperature--the heat received from its star, how much heat the planet absorbs, and the concentration of greenhouse gases in the atmosphere--Waltham paints a complex picture of how special Earth's climate really is. He untangles the mystery of why, although these factors have shifted by such massive measures over the history of life on Earth, surface temperatures have never fluctuated so much as to make conditions hostile to life. Citing factors such as the size of our Moon and the effect of an ever-warming Sun, Waltham challenges the prevailing scientific consensus that other Earth-like planets have natural stabilizing mechanisms that allow life to flourish. A lively exploration of the stars above and the ground beneath our feet, *Lucky Planet* seamlessly weaves the story of Earth and the worlds orbiting other stars to give us a new...



[Read \*Lucky Planet: Why Earth is Exceptional--and What That Means for Life in the Universe\* Online](#)



[Download PDF \*Lucky Planet: Why Earth is Exceptional--and What That Means for Life in the Universe\*](#)

## Other PDFs

---



### **TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save PDF »](#)

---



### **TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save PDF »](#)

---



### **Goodparents.com: What Every Good Parent Should Know About the Internet (Hardback)**

Prometheus Books, United States, 2000. Hardback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. The Internet may now be the most powerful, single source of information in the world, and...

[Save PDF »](#)

---



### **Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK's best-selling home reading series. It...

[Save PDF »](#)

---



### **Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gram's New Blue Shoes (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK's best-selling home reading series. It...

[Save PDF »](#)