

1. Record Nr.	UNINA9910826088903321
Autore	Conway Morris S (Simon)
Titolo	The runes of evolution : how the universe became self-aware // Simon Conway Morris
Pubbl/distr/stampa	West Conshohocken, Pennsylvania : , : Templeton Press, , 2015 ©2015
ISBN	1-59947-465-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (525 p.)
Disciplina	576.8
Soggetti	Evolution (Biology) - Philosophy Convergence (Biology)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Cover; Title; Copyright; Contents; Acknowledgments; Introduction; 1. Dinner on the Lagoon; 2. Consider the Octopus; 3. Convergence: How Clear Is the Signal?; 4. The Inevitability of Form; 5. Swallowing Convergence; 6. Biting Convergence; 7. Walking (and Swimming) to Convergence; 8. Sticking to Convergence; 9. When Evolution Begins to See; 10. The Color of Evolution; 11. The Smell and Taste of Evolution; 12. (In)tangible Evolution; 13. The Road to Mushrooms; 14. The Road to Plants; 15. The Arthropods Show the Way; 16. Converging on the Farm; 17. The Road to the Sky; 18. The Birds Converge 19. Sexual Convergence 20. The Road to Mammals; 21. The Roots of Sentience; 22. Convergent Brains; 23. The Road to "King Cortex"; 24. Convergent Minds; 25. Playing with Convergence; 26. The Final Steps; 27. Back to the Lagoon; Notes; General Index; Index of General
Sommario/riassunto	How did human beings acquire imaginations that can conjure up untrue possibilities? How did the Universe become self-aware? In The Runes of Evolution, Simon Conway Morris revitalizes the study of evolution from the perspective of convergence, providing us with compelling new evidence to support the mounting scientific view that the history of life is far more predictable than once thought. A leading evolutionary biologist at the University of Cambridge, Conway Morris came into international prominence for his work on the Cambrian explosion

(especially fossils of the Burgess Shale) and evolution
