

Appendix E

Notes

Chapter 2 Origins of Mathematics

- 1 Research on corvid cognition, especially rooks.
Mathias Osvath, Scania (p.12)
- 2 Research on Keas:... (p.12)
- 3 Several video clips on Youtube show octopuses opening jars. (p.12)
- 4 What Do Animals Think About Numbers?
American Scientist March-April 2000, Marc Hauser. (p.12)
- 5 The fables of Ishango, or the irresistible temptation of mathematical fiction by Oliver Keller (p.13)
- 6 The earliest precursor of writing by Denise Schmandt-Besserat (p.14)
http://en.finaly.org/index.php/The_earliest_precursor_of_writing
- 7 From Wikipedia: Rhind Mathematical Papyrus. (p.25)
https://en.wikipedia.org/wiki/Rhind_Mathematical_Papyrus
- 8 From *The Crest of The Peacock*, p.18 (p.27)
- 8a True Laksa-scale numeration system of the Valmiki-Ramayana
Indian Journal of History of Science, 43.1 (2008) 79-82
- 8b From Valmiki Ramayana text on Internet
http://nitaiveda.com/All_Scriptures_By_Acharyas/Historical_Works/Ramayana/Valmiki_Ramayana.htm
- 9 From web: Story of Mathematics
<http://www.storyofmathematics.com/story.html>
- 10 Taken from article by Ya-xiang Yuan
“Jiu Zhang Suan Shu and the Gauss Algorithm for Linear Equations”

- 11 From Wikipedia: Maya calendar
- 12 From Maya date on Internet:
<http://www.coyote-wind.com/studios/MayaDate/about.html>
- 13 From Wikipedia: 2012 phenomenon
- 14 From *The Crest of The Peacock*, p.18 (p.72)
- 15 From Aristotles Metaphysics I v 986a
- 16 From Bertrand Russel *A History of Western Philosophy*, p. 49.
- 17 From Bertrand Russel *A History of Western Philosophy*, p. .