



## Coal and What We Get from It: A Romance of Applied Science, Expanded from the Notes of a Lecture Delivered in the Theatre of the London Institution, Jan, 20th, 1890 (Classic Reprint) (Hardback)

By Raphael Meldola

Forgotten Books, 2018. Hardback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Coal and What We Get From It: A Romance of Applied Science, Expanded From the Notes of a Lecture Delivered in the Theatre of the London Institution, Jan, 20th, 1890 Origin of Coal, 9. Coal of various ages, 11. Graphite, 12. Recent Vegetable Deposits, 13. Mode of occurrence of Coal, 13. Structure of Coal, 15. Uses of Coal, 16. Coal a source of Energy, 17. Mechanical Equivalent of Heat, 19. Value of Coal as a Fuel, 20. Small efficiency of Steam-engines, 21. Mechanical value of Coal, 22. Vvhence Coal derives its Energy, 22. Chemical Composition of Coal, 23. Growth of Plants, 26. Solar Energy, 28. Transformation of Wood into Coal, 30. Destructive Distillation of Coal, 33. Experiments of Becher, 34; of Dean Clayton, 35; of Stephen Hales, 37; of Bishop Watson, 37; of the Earl of Dundonald, 39. Coal-gas intro duced by Murdoch, 40. Spread of the new Illuminant, 41. Manufacture of Coal-gas, 42. Quantitative results, 45. Uses of Coke, Goethe s visit to Stauf, 48. Bishop Watson on waste from Coke-ovens, 50. Shale-oil Industry, 50. History of Coal-mining, 57. Introduction...



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