

## Quotes and Sources

*'In Gaia we are just another species, neither the owners nor the stewards of this planet. Our future depends much more upon a right relationship with Gaia than with the never-ending drama of human interest.'* JL AG p14

*'There is no evidence to show that human beings are the supreme stewards of life on Earth. But there is evidence to show that we are recombined from powerful bacterial communities with a multibillion-year-old history. We are part of an intricate network that comes from the original bacterial takeover of the Earth.'* LM & DS M p36

*'Life is social. It exists in communities and collectives. You and I are both composed of a collection of organs and tissues; the organs are made up of billions of living cells, each of which can also live independently. Then the cells themselves, as Lynn Margulis has shown, are communities of micro-organisms that once lived free.'* JL AG p18

*'An organelle inside an amoeba within the intestinal tract of a mammal in the forest on this planet lives in a world within many worlds. Each provides its own frame of reference and its own reality.'* LM & DS M p126

*'From the paramecium to the human race, all life forms are meticulously organised, sophisticated aggregates of evolving microbial life. Bacteria occupy and are indispensable to every known living structure on the Earth today. Having survived in an unbroken line from the beginnings of life, all organisms today are equally evolved.'* LM & DS M p28

*'Biodiversity is an absolute requirement for Gaian persistence. There is no favoured species list.'* LM SP p154

*'It may be a blow to our collective ego, but we are not masters of life perched on the final rung of an evolutionary ladder. Ours is a permutation of the wisdom of the biosphere.'* LM & DS M p195

*'Gaia is the genius of recycling...Gaia, the living Earth far transcends any single organism or even any population. One organism's waste is another's food. Failing to distinguish anyone's food from someone else's waste, the Gaian system recycles matter on the global level.'* LM SP p148-9; p152

*'Our current economic valuation system doesn't make Earth system sense'* TL & AW p409

## Key to Sources

JL James Lovelock

LM Lynn Margulis or Lynn Margulis and Dorion Sagan

AG The Ages of Gaia James Lovelock OUP 1988

M Microcosmos Lynn Margulis and Dorion Sagan UCP 1997

SP The Symbiotic Planet Lynn Margulis Phoenix 1998

TL & AW Tim Lenton and Andrew Watson

Revolutions That Made The Earth OUP 2011