



A Bibliography for Bioeconomics

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Introduction

This bibliography contains about a thousand items that bioeconomists might want to know about. Many of them have only a peripheral connection with either biology or economics. Therefore calling it a bibliography ‘for’ rather than ‘of’ the subject seems appropriate. There are quite a number of publications about topics that are of interest because they might reasonably be treated from an economic perspective. Others present economic concepts that might fruitfully be applied to biology. Such branches of zoology as anthropology and psychology (of both rodents and human beings) are well represented. Ecology could have been more thoroughly covered, but the parallels between that science and traditional economics are so extensive that one hardly knows where to begin. Sociobiology is not bioeconomics. Therefore only some particularly influential publications, or ones that have substantial bioeconomic content, have been included from that area. There is just a sample of publications on evolutionary economics and the evolutionary approach to law.

Some of my earlier publications that provide extensive discussions of the literature have served as a nucleus for this bibliography (Ghiselin 1974, 1992). Consequently certain topics are perhaps disproportionately emphasized: the division of labor, sex and reproduction, evolutionary approaches to economics and law, and the historical and philosophical background. Others, such as game theory, receive little attention for the same reason. Although it should be obvious that optimal foraging theory is a kind of microeconomics, some of the other topics are less obviously bioeconomic. Senescence is a good example. Treating it from the point of view of asset depreciation makes a certain amount of sense, but there has been a conspiracy of silence about it. The applied sciences are of course of some interest, but only a modest number of titles on such topics as conservation and resource management have been provided.

Citation here is not to be taken as an endorsement, or lack of citation its opposite. Some of the authors are represented partly because of their historical importance: Adam Smith, Charles Darwin, and Alfred Marshall. Among contemporary authors there are a fair number whose work is particularly familiar to me, often as the result of meetings on bioeconomics and efforts to establish the International Society for Bioeconomics and to found its journal. In this connection I would mention among others Eric Charnov, Peter Corning, Jack Hirshleifer, Janet Landa, Paul Samuelson, John

Staddon, Gordon Tullock and Ulrich Witt. There are some representative publications of members of the society as well.

The bibliography follows the bibliographic format that we have adopted for the *Journal of Bioeconomics*. Although this is not an annotated bibliography, a few of references have remarks, appended in brackets, that might be useful to the reader.

When I cite a publication, even if it is in French, German, Italian, Spanish, or Russian, it ordinarily means that I have read it, albeit not always with the care that it may deserve. In this case however it has been necessary to include a substantial number of references taken from secondary sources, including many that I have not even been able to check for accuracy against the originals. Janet Landa and Paul Zak provided a few additional items as the bibliography took final shape.

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