Table S2.1. Distribution of sampling topics covered in a selection of introductory undergraduate texts, and some more specialized ones, over several decades. The list excludes texts that only cover culture history and, for texts with many editions, only includes one early and one recent edition.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Authors | Title | Year | Geometric Spatial Sampling | Non-geometric Spatial Sampling | Non-spatial Sampling | Excavation Sampling | Simple Random Sampling | Stratified Sampling | Cluster Sampling | Adaptive Sampling | Sequential Sampling | Sample Size | Sampling Error | Sampling vs. Detection |  |
| Introductory Texts | | | | | | | | | | | | | | | |
| Ashmore and Sharer | *Discovering Our Past* | 1988 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bahn | *Archaeology: A Very Short Introduction* | 1996 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Black and Jolly | *Archaeology by Design* | 2003 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bower | *In Search of the Past* | 1986 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brennan | *Beginner’s Guide to Archaeology* | 1973 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carver | *Making Archaeology Happen* | 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chazan | *World Prehistory and Archaeology: Pathways through Time* | 2015 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deetz | *Invitation to Archaeology* | 1967 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eddy | *Archaeology: A Cultural-Evolutionary Approach* | 1991 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ember et al. | *Physical Anthropology and Archaeology* | 2006 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fagan | *Introductory Readings in Archaeology* | 1970 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fagan | *In the Beginning: An Introduction to Archaeology* | 1991 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fagan | *Archaeology: A Brief Introduction* | 1994 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fagan | *Ancient Lives* | 2004 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Flatman | *Archaeology: A Beginner’s Guide* | 2015 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gamble | *Archaeology: The Basics* | 2001 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gamble | *Archaeology: The Basics* | 2015 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gibbon | *Critical Reading the Theory and Methods of Archaeology* | 2014 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Grant et al. | *The Archaeology Coursebook* | 2005 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Green, ed. | *In Search of Man: Readings in Archaeology* | 1973 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Greene | *Archaeology: An Introduction* | 1995 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hammond, ed. | *Physical Anthropology and Archaeology* | 1976 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hasten, ed.\* | *Archaeology 97/98* | 1997 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hayden | *Archaeology: The Science of Once and Future Things* | 1993 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Heizer & Graham, eds. | *A Guide to Field Methods in Archaeology* | 1967 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hester et al. | *Field Methods in Archaeology* | 1997 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hester et al. | *Field Methods in Archaeology* | 2009 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hole & Heizer | *An Introduction to Prehistoric Archeology* | 1965 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hole & Heizer | *Prehistoric Archeology: A Brief Introduction* | 1977 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kelley & Thomas | *Archaeology: Down to Earth* | 2013 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Knudson | *Culture in Retrospect* | 1985 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Leone, ed. | *Contemporary Archaeology* | 1972 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manley | *Archaeology* | 2014 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Meighan | *Archaeology: An Introduction* | 1966 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Muckle | *Introducing Archaeology* | 2014 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Olsen et al. | *Archaeology: The Discipline of Things* | 2012 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Patterson | *The Theory and Practice of Archaeology: A Workbook* | 1994 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Place | *Introduction to Archaeology* | 1968 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Price | *Principles of Archaeology* | 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rathje & Schiffer | *Archaeology* | 1982 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Renfrew and Bahn | *Archaeology: Theories, Methods and Practice* | 2008 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Renfrew & Bahn | *Archaeology Essentials* | 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sharer & Ashmore | *Archaeology: Discovering Our Past* | 1993 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Smith | *Foundations of Archaeology* | 1976 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sutton | *Archaeology: The Science of the Human Past* | 2013 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sutton & Yohe | *Archaeology: The Science of the Human Past* | 2003 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thomas | *Archaeology* | 1979 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thomas | *Predicting the Past* | 1974 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thomas | *Archaeology: Down to Earth* | 1999 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thomas & Kelly | *Archaeology* | 2006 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trigger | *Beyond History: The Methods of Prehistory* | 1968 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Watson et al. | *Explanation in Archaeology: An Explicitly Scientific Approach* | 1971 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Webster et al. | *Out of the Past* | 1993 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wenke | *Patterns in Prehistory* | 1990 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Specialized or More Advanced Texts | | | | | | | | | | | | | |  |  |
| Banning | *The Archaeologist’s Laboratory* | 2000 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Balme & Paterson, eds. | *Archaeology in Practice* | 2014 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baxter | *Statistics in Archaeology* | 2003 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Buck et al. | *Bayesian Approach to Interpreting Archaeological Data* | 1996 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Burke et al. | *The Archaeologist’s Field Handbook* | 2008 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Drennan | *Statistics for Archaeologists: A Commonsense Approach* | 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Kelley & Hanen | *Archaeology and the methodology of Science* | 1988 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lyman | *Quantitative Paleozoology* | 2012 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| McCall | *Strategies for Quantitative Research: Archaeology by Numbers* | 2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Neumann & Sanford | *Practicing Archaeology* | 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Neumann et al. | *Cultural Resources Archaeology* | 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orton | *Sampling in Archaeology* | 2000 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pearsall | *Paleoethnobotany: A Handbook of Procedures* | 2015 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shennan | *Quantifying Archaeology* | 1997 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sutton & Arkush | *Archaeological Laboratory Methods: An Introduction* | 2009 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VanPool & Leonard | *Quantitative Analysis in Archaeology* | 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| White & King | *The Archaeological Survey Manual* | 2007 |  |  |  |  |  |  |  |  |  |  |  |  |  |

\*Sampling is discussed in chap. 3, by Ashmore and Sharer.

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