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World Trade and Biological Exchanges before 1492, by John L. Sorenson and Carl L. Johannessen (Bloomington, Ind.: iUniverse, 2009).

This book by John L. Sorenson (emeritus professor of anthropology at Brigham Young University) and Carl L. Johannessen (emeritus professor of geography at the University of Oregon) presents a comprehensive, well-referenced, and intriguing overview of historical and archeological evidence for pre-Columbian exchange of plants, microfauna, and animals between the Old and New Worlds. Its style is more encyclopedic than narrative, resembling an expanded, annotated bibliography. I read with interest the sections dealing with the crops that I have researched genetically—Amaranthus and Chenopodium—as well as several other crops that I am very familiar with, such as cotton.

Since I and my colleagues at Brigham Young University will soon be publishing genetic data that identify the presence of Old and New World genomes in the crop quinoa (C. quinoa), this area of research on ancient transoceanic crop dispersal is one in which I think I have some expertise—at least in terms of genetics. The historical, archeological, and linguistic data referenced in this book in support of the pre-Columbian exchange hypothesis represent, cumulatively, a compelling body of work that, in my view, questions the wisdom of dogmatically accepting the existing paradigm of no pre-Columbian crop and animal dispersal. In the case of researchers here at BYU, we do not have access to germplasm of “quinoa-like” domesticated Chenopodium plants native to the remote Ladakh region of the Himalayas, though samples of weedy specimens from this region have shown greater genetic affinity to the Old World C. album than to Andean C. quinoa.

Sorenson and Johannessen therefore rate the likelihood of quinoa’s pre-Columbian dispersal as a “C”—correctly in my estimation, based on currently available data. As for amaraths, BYU researchers have demonstrated in the lab that Asian-cultivated amaranth samples originated from the New World germplasm pool—though whether this dispersal occurred before or after Columbus remains a mystery. Overall, this book is a valuable addition to the body of secondary literature on pre-Columbian biological exchange.

—Eric N. Jellen


An around-the-world journey made by an Apostle may not be something extraordinary today, but in 1920 it was monumental. Hugh J. Cannon’s To the Peripheries of Mormondom details the historic trip of Elder David O. McKay—the first Apostle to make a journey of this magnitude and to visit most of the places he did. He and Hugh J. Cannon were called on a one-year fact-finding mission to visit the Church’s non-North

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American congregations and to study the customs and needs of the people at each place. This mission was the beginning of a major push toward the globalization of the Church.

Though this is not the first time Cannon's manuscript has been published, editor Reid L. Neilson's additions and annotations have greatly increased the book's value. The editor's preface introduces the memoir by describing another journey—the journey of the manuscript itself. Cannon's family worked hard to get this book to press; it was first published in 2005, almost a century after the mission itself.

Researchers interested in McKay's travels and the globalization of the Church should take notice especially of the introduction and appendices that Neilson added. The introduction presents a possible background of the decision to undertake the mission in the first place. The appendices include information about the missions visited and lists of documents important to the story.

But Neilson has made Cannon's memoir accessible to more than just researchers. Neilson's careful annotations clarify names, terms, and places along the journey, making the story easy for any reader to follow. Neilson further enriches the McKay-Cannon journey by including a photographic essay consisting of fifty-four images, both photographs and postcards, that visually document the journey. The photographs, particularly those of McKay and Cannon on their journey, make the places, people, and customs even more vivid and palpable than the text alone can.

A highlight of Cannon's record is the anecdotes, sometimes humorous and other times sobering, of encounters with foreign cultures and traditions. McKay and Cannon at times are awed by the beauty of places or humbled by unfamiliar customs but are always welcomed by devoted members with love and celebrations. President David O. McKay's efforts in transforming the Church into a global organization was one of his greatest accomplishments, and it began with this special mission.

Cannon's narrative exudes a mystical aura of discovery, and Cannon entices any reader with his invitation, "Come with us, therefore, on our trip around the world" (1).

—Kaitlyn S. Hedges