Metal Craft in Ancient America

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Published by: The Church of Jesus Christ of Latter-day Saints
Page(s): 218

Abstract: A series of brief comments in which the author presents archaeological findings, architectural notes, and myths and legends that deal indirectly with the Book of Mormon. Dibble discusses the wheel, ancient irrigation methods, metals, Mexican and Mayan codices, Quetzalcoatl, ancient buildings, and numerous other related items. The fourth part covers ancient American metallurgy.
THE IMPROVEMENT ERA, APRIL, 1941

MORMON YOUTH
in the Hall of Fame

HIGH recognition comes to Squadron Leader Andrew Fletcher and Dr. Dilworth W. Woolley, both of Canada.

By C. FRANK STEELE

These lines are written in tribute to two Mormon boys of Canada who have distinguished themselves in war and in peace.

Now the heros of war are gone. Youth in the belligerent nations of this second Great War are finding that this is true. War is grim business, and yet emerging from the throes of battle there still shines at times man’s inherent nobility of soul: chivalry even to the enemy, fidelity to duty, courage in the face of death, self-forgetfulness in service to one’s country.

This has been so in the case of Squadron Leader Andrew Fletcher, twenty-five-year-old son of Dr. Cyrus M. Fletcher of Lethbridge, Alberta. When he was an M. I. A. boy and a King Scout camping out with his father, who is District Commissioner of Scouting at Lethbridge, they started to call him "Andy." He is still "Andy" Fletcher, although he is now one of the famous flying men of the Royal Air Force, having gone to England in 1935, to join the R. A. F.

A few weeks before his service period was up, the war broke. "Andy" Fletcher never hesitated; he re-enlisted "for the duration." He cabled the news to his parents, and while their hearts were heavy—their slim young son was still a boy even though he had his wings—they were justly proud of him.

Months passed. He was first an instructor putting scores of rookies through their paces. Then when the siege of Britain grew in intensity he was moved to the fighter squadron. Letters home became fewer; you see, the R. A. F. has been pretty busy the last few months. Then one evening as

...continued in a later issue.

ANDREW FLETCHER

METAL CRAFT
IN ANCIENT AMERICA

By CHARLES E. DIBBLE

THE advanced cultures of Central and South America have produced delicate and artistic ornaments of gold, silver, and copper.

Recent research tends to show that the techniques for working gold and other metals were probably developed in northern South America—Colombia and Ecuador. From this region the gold workers’ art apparently diffused southward into Peru and northward through Panama to Costa Rica and Mexico.

Grains and nuggets of gold were melted and worked either by hammering or casting. The casting technique is a parallel to the cire-perdue process of the Old World. A core of clay and charcoal was formed, and on this the desired design was incised. The artisan then formed a wax model of the desired ornament over the clay-charcoal core. The core and wax model were covered with a coating of charcoal and clay. The whole was then fired and the wax model melted away, leaving a hollow mold into which the molten gold was poured. When the gold cooled, the cast was broken, and the gold ornament was polished.

The Mexicans knew how to beat out gold leaf and work it with involved repousse designs.

The goldsmiths of Central America and Peru understood and practiced the working of gold and silver as well as gold and copper.

Dr. Alfonso Caso’s important discovery of the jewels in Tomb 7 at Monte Alban, Oaxaca, yielded gorgets depicting gods, gold finger rings, necklaces, and pendants.

Recently, gold plaques, approximately five inches in diameter with repousse designs showing Peruvian influence, have been recovered as far north as Guatemala and Southern Costa Rica.

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DILWORTH W. WOOLLEY