## THE OMAHA SUNDAY BEE MAGAZINE PAGE



## Got His Metals Man How

HE puzzle of how man got his metals, how he learned to extract gold, silver, iron and copper from the ores of the earth, has been solved at last by Professor A. W. Buckland, of the Anthropological Institute of Great Britain and

view, but since Queen Mary has

raised such a large ramily his importance has diminished. He is a nice-

looking young man, wearing an air

as If the burdens of royalty saddened

He claims that gold was undoubtedly the first metal known and its use may date back to the Stone Age. for as it is found in a pure state in many countries it would probably be seized upon for ornamental purposes by savages who would soon earn that it might be beaten into

shape with a stone hammer. Some early traces of metallurgical knowledge appears in the Bronze Age, showing that man had already gone so far as to make an alloy of copper and tin, but this was com-paratively late, for it meant that man had mastered the art of navigation, for the early workers in bronze, coming from the East or from the shores of the Mediterran-

ean, sought their tin in Britain, and carried the art of smelting and welding metals over all the then civilized world.

at once. Obeying the

King's orders, the Duke

of Connaught instruct-

ed his daughter not to

receive the Marquis or

But before the age of bronze, pure copper was used, beaten out and not smelted or mixed with alloy. Some of the earliest metal imple ments are of pure copper, strength having been secured by beating together several thin layers of metal and lapping over the edges. This is found in the Lake-Dweilings of Switzerland, and in the caves of Spain, as well as among the pre-

historic remains in Egypt. Many old geographers claim that the art of smelting metals was discovered through a violent conflagration, which melted the ores, and caused them to flow down pure, and there is a curious legend in the Mahabbarata (2100 B. C.) connect-

ing serpents with smelted metals. "The good genii, wishing to obtain the amrita or water of life, went before Brahma and Vishnu, and

mountain Mandar, with which to churn the ocean. Then he with the lotos-eye directed the king of serpents to appear. Anata, the king of serpents, arose, and the mountain placed on the back of a tortoise was whirled by Indra like a machine."

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This churn is identified by Tylor with the early implement for firemaking. The fire is at length quench-

ed by a shower of cloud-borne water poured down by the immortal Indra; and now a stream the concocted juices of various trees and plants ran down in a briny flood. It was from this milk-like stream of juices and a mixture of melted gold, that the Soors

obtained their immortality. This is very plainly a poetic account of the discovery of pure gold as it flowed down in a snake-like stream from some great volcanic eruption, and is at the same time a very probable account of the discovery of this, the first metal worked

first metal workers belonged to that ancient pre-Aryan race denominated Turanian; perhaps more correctly, Mongoloid, for it is among Mongolian races that reverence for the serpent or dragon is, and always has been carried to excess. China and Japan may be cited as examples of this to-day, but ancient legends tell he same tale of India, as has been shown, at that remote epoch when the Aryans crossed the Himalayas and swarmed into those great cities inhabited by tribes who were certainly not savages, but were skil-ful metal workers, especially in

It is generally believed that the

There is further confirmation of this theory in the wondrous domi-nance of the ancient Hittites, long identified as Mongols on account of the pigtails appearing upon their monuments, and it is also known from these same monuments that they were great serpent worshippers and highly skilled in the working of

from it, he considers her the best of women. Then he wrings his hands and says that he can never, never see her again. Sometimes they hear him murmuring, "Patricia, Patricia!" The Marquis is extremely rich. He owns 30,000 acres, including some valuable town property and industrial sites, which bring him in about \$40,000 a year. He possesses several beautiful old country places. including the noted Plas Newydd. near Anglesey, in Wales. He in-

period in a London sanitarium, went

with his wife to Aix-les-Bains, the

southern French watering place.
After a month there the Mar-

chioness went home to London alone.

The explanation was given that the

Marquis needed a complete rest. Persons who were at Aix-les-Bains said that the Marquis acted as if he

were weary of life and looked at his

beautiful and charming wife as though she were the most disgusting object on earth. After leaving Aix-

les-Bains he went on to Naples ac-

companied only by a secretary.
Since then the two have never lived together. Friends of the

Marquis say that he has declared in

an agonized tone that he never will

and never can live with her again.

He has nothing against her-far

herited his title rather unexpectedly. as he was only a second cousin of his predecessor, who died young and without children. This predecessor was a most eccentric young man, who squandered vast sums in strange

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