

A Little Bit Help from outer Space



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[IFLScience](#) fragt: „How did Bronze Age civilizations manage to forge iron weapons before they had learned how to smelt iron ore?“ Die Antwort ist verblüffend: “ It turns out, they had a little bit of help from the cosmos, as many of the iron artifacts from this era appear to have an extraterrestrial origin.“ Der [Original-Artikel](#) „Bronze Age iron: Meteoritic or not? A chemical strategy.“

Hier das Resume:

- *There has been a controversy about the origin of Bronze Age irons that could be either meteoritic or smelted irons.*
- *A geochemical approach using Fe:Co:Ni analyses, permits to differentiate terrestrial from extraterrestrial irons.*
- *Meteoritic irons, Bronze Age iron artifacts, ancient terrestrial irons and lateritic ores enable to validate this approach.*
- *Modern irons and iron ores are shown to exhibit a different relationship in a Fe:Co:Ni array.*
- *Iron from the Bronze Age are meteoritic, invalidating speculations about precocious smelting during the Bronze Age.*