

















1



DLUND -

extraLapis No. 17 Madagascar

Ores, Gold and Gemstones

Page 6 The history of the search for minerals and gemstones in Madagascar

The Mineralogy of Madagascar

Page 12

Literature, tradition and collections, a review of sources

Over 3.5 Billion Years Old

Page 16

Rocks and ores in Madagascar, a geologic overview; Gold from the oldest volcanoes; The Pan-African event, gemstones, ores and alpine veins; Karoo sediments; Sapphire from ancient volcanoes; The "Red Island"

Finds in Basic Skarns

Page 26

The Bongolava shear zone; Giant crystals from skarns; The Betroka-Beraketa belt; Itrongay; Urano-thorianite, sapphire and zircon skarns

Rich Pegmatites

Page 34

Formation; A new classification of Malagasy pegmatites; Great districts of Madagascar; Rhodizite, londonite and the Antsongombato Gem Mine

Alpine Veins

Page 74

The Vohemar region; The titanite pocket of February 1998; The future of alpine veins in Madagascar

Amethyst and Other Quartz

Page 80

Amethyst, smoky quartz and citrine, scepters, pineapples and fantastic inclusions

Celestite, Sapphire and Fossils

Page 86 Treasures from Paleozoic and Mesozoic sediments



Agate and stamps from Madagascar

From the collection of Dieter Jerusalem, Herborn, Idar-Oberstein