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REFERENCES

Barth, T. F. W. 1962: Theoretical Petrology, 2nd ed., 416 pp. John Wiley & Sons, Inc., New York.

Bjørlykke, H. & Svinndal, S. 1960: The carbonatite and per-alkaline rocks of the Fen area. Mining and exploration work. *In* Holtedahl, O. (ed.) Geology of Norway, *Norges geol. undersökelse* 208, 105-110.

Eskola, P. 1920: Mineral facies of rocks. Norsk geol. tidsskr. 6, 143-194.

Størmer, L. 1944: On the relationship and phylogeny of fossil and recent Arachnomorpha. Skr. Norske Vidensk.-Akad. i Oslo, Mat.-naturv. Kl., 1944 no. 5, 158 pp.

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