

# Supplementary

## List of terms used in online search for glendonites

- Anthraconite (Anthrakonit, антраконит). This term is also frequently using for any black limestone bands or concretions (see Berg-Madsen, 1989 for review), but in some cases (i.e. Early Paleozoic of Estonia and Saint-Petersburg area) this term
- 5 was applied solely for glendonites for ~ 150 years (Hausmann, 1806: introduction of the term ‘Anthraconite’ for black limestones; Karpinsky, 1887: first usage of this term for Ordovician glendonites)
- Barleycorn
- Fundylite (Steacy, Grant, 1974)
- Gaylussite (гейлюссит)
- 10 Gennoishi (玄能石, геннойши) (Ko, 1896)
- Gerstenkörner
- Glendonite (глендонит) (David et al., 1905)
- Hedgehogs
- Hokou-seki (方孔石)
- 15 Ikaite (Pauly, 1963)
- Jarrowite (Browell, 1863)
- Polar euhedrons (Kemper, Schmitz, 1975)
- Pseudogaylussite (псевдогейлюссит) (van Calker, 1897)
- Stellate (calcareous) concretions (звездчатые конкреции)
- 20 Thinolite (King, 1878)
- Беломорские рогульки (White sea hornlets: Jeremejew, 1882), беломорское ископаемое (White sea fossil: Sokolov, 1825)

## List of online search engines and alerts used for data collecting in this study

- 25 <http://goolge.com> (mainly with search for pdfs, by using Boolean search filetype:pdf)
- <http://books.google.com> (search through different books and periodicals, including those which available in snippet view mode only)
- <http://scholar.google.com> (search through papers and set up alerts for new publications containing words ‘glendonite’ and/or ‘ikaite’)
- 30 <http://scopus.com> (search through papers and set up alerts for new publications containing words ‘glendonite’ and/or ‘ikaite’)
- <http://app.dimensions.ai> (keyword search)

<http://apps.webofknowledge.com> (keyword search)

<https://ci.nii.ac.jp/en/> ; <https://www.jstage.jst.go.jp/> (search for Japanese papers)

35 <http://archive.org> (full-text keyword search)

<http://gallica.bnf.fr> (full-text keyword search)

## References

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