

- Synonyms:** Partly: Orthocerenkalk (FLÜGEL, 1953a); Folge von Laufnitzdorf (H. FLÜGEL, 1960, 1975).
- Lithology:** Succession of various fine-grained volcanoclastic rocks, organodetritic limestones and silt- to sandstones.
- Fossils:** Conodonts; TSCHELAUT in GOLLNER et al. (1982) mentioned in the lower series (basal 30 m of the sequence) various fossils in thin sections (bryozoans, brachiopods, echinoderms, trilobites).
- Origin, facies:** Pelagic environment of some 10 to 100 m water depth (GOLLNER et al., 1982).
- Chronostratigraphic age:** Llandovery to Emsian.
- Biostratigraphy:** *amorphognathoides* Zone–lower *sagitta* Zone.
- Thickness:** About 350 m.
- Lithostratigraphically higher rank unit:** Laufnitzdorf Group (FLÜGEL, 2000)
- Lithostratigraphic subdivision:** FLÜGEL (2000) discerned three members according to the suggestions of GOLLNER et al. (1982).
- Oberferler Member: Predominantly argillaceous shales and silt/sandstones, subordinate occurrences of lydites and alkaline volcanoclastics; up to 200 m in thickness.
- Rathlosgraben Member: Flaser to nodular limestones, argillaceous shales, Lydites and silt/sandstones; up to 90 m in thickness.
- Rothleiten Member: Alkaline volcanoclastics with intercalations of limestones; about 70 m in thickness.
- Underlying unit(s):** Formations of the Hochschlag and Gschwend Nappes (tectonic contact).
- Overlying unit(s):** Units of the Kogler Nappe (tectonic contact).
- Lateral unit(s):** -
- Geographic distribution:** Styria, highland in the surroundings of Graz; ÖK50-BMN, map sheets 133 Leoben, 134 Passail.
- Remarks:** -
- Complementary references:** FLÜGEL & NEUBAUER (1984), HUBMANN & WEBER (2010).
- Kehr-Formation / Kehr Formation**
BERNHARD HUBMANN
- Validity:** Valid; description and formalization by FLÜGEL (2000: p. 14; “Kehrer-Vulkanit-Formation”); change of name into Kehr-Formation by EBNER et al. (2000).
- Type area:** ÖK50-UTM, map sheet 4228 Voitsberg (ÖK50-BMN, map sheet 163 Voitsberg).
- Type section:** No type section defined, but FLÜGEL (2000) proposed a type region in the municipality area of Kehr, ÖK50-UTM, map sheet 4228 Voitsberg (ÖK50-BMN, map sheet 163 Voitsberg) (N 47°07'38" / E 15°14'34").
- Reference section(s):** -
- Derivation of name:** After Kehr (formerly Kher), a small village east of the monastery Rein, approx. 20 km northwest of Graz.
- Synonyms:** Partly: obere Schiefer (HERITSCH, 1917b); obere Schichten von Kher (FLÜGEL & SCHÖNLÄUB, 1972b; FLÜGEL & NEUBAUER, 1984); Schichten von Kher (H. FLÜGEL, 1975); plattige Kalkschiefer (WEBER, 1990).
- Lithology:** Predominantly limestones, rare dolostones, argillaceous shales and silty shales.
- Fossils:** Conodonts, orthocon cephalopods, bivalves, corals.
- Origin, facies:** Pelagic environment.
- Chronostratigraphic age:** Ludlow–Lochkovian.
- Biostratigraphy:** *siluricus* to *woschmidtii* conodont zones.
- Thickness:** About 30 m.
- Lithostratigraphically higher rank unit:** Reinerspitz Group (FLÜGEL, 2000).
- Lithostratigraphic subdivision:** FLÜGEL (2000) distinguished 4 members:
- Eggenfeld Member: Dolomites alternating with fine bedded tuffs; about 10 m in thickness.

Austrian Stratigraphic Chart 2004 - Paleozoic

(sedimentary successions)

