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Stop 7

Locality

Roadcuts along forest road to Krahstein
(fig. 2)

Topography

Take forest road NE of Bad Mitterndorf to Krahstein; section of Plassen Limestones starts after morphological depression (N Bergeralm)

Stratum

Plassen Limestones.

Age

According to STEIGER (1981) significant cenofossils has been recorded indicating Oxfordian (*Protopeneroplis striata* WEYNSCHENK), Kimmeridgian (*Labyrinthina mirabilis* WEYNSCHENK, *Salpingoporella pygmaea* (GÜMBEL)), as well as Tithonian age (*Campbelliella striata* (CAROZZI), *Clypeina jurassica* FAVRE & RICHARD, *Salpingoporella annulata* CAROZZI).

Facies types

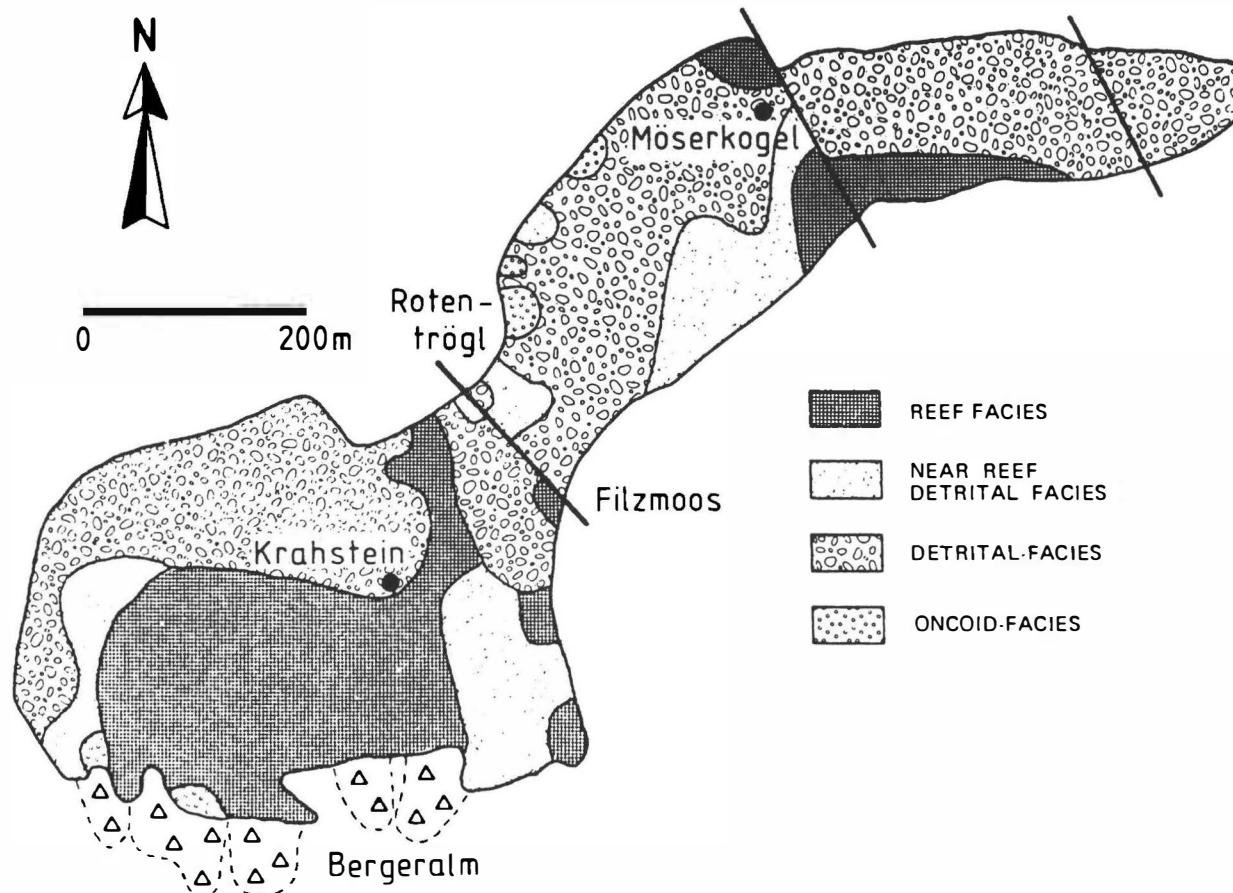
(see also fig. 3 for a genetic model explaining possible interrelationships between different facies types)

- * bioconstructional limestones: coral and stromatoporoid-chaetetid framestones and bafflestones with dense fabric.

Fauna

Placopsilinidae, *Nubeculariidae*; *Actinostromaria shimizui* YABE & SUGIYAMA, *Actinostromaria* sp., *Ellipsactinia caprense* CANAVARI (= stromatoporoids sensu WOOD 1991) ?partly sphinctozoans sensu SENOWBARI-DARYAN 1991, "hydrozoans" in STEIGER & WURM 1980); *Ptychochaetetes globosus* KOECHLIN, *Pseudoseptifer spengleri* (HERITSCH); serpulids; sessile molluscs;

Fig. 1: Facies map of Plassen Limestones in the Krahstein area showing facies differentiation (from STEIGER & WURM 1980).



B4

B4

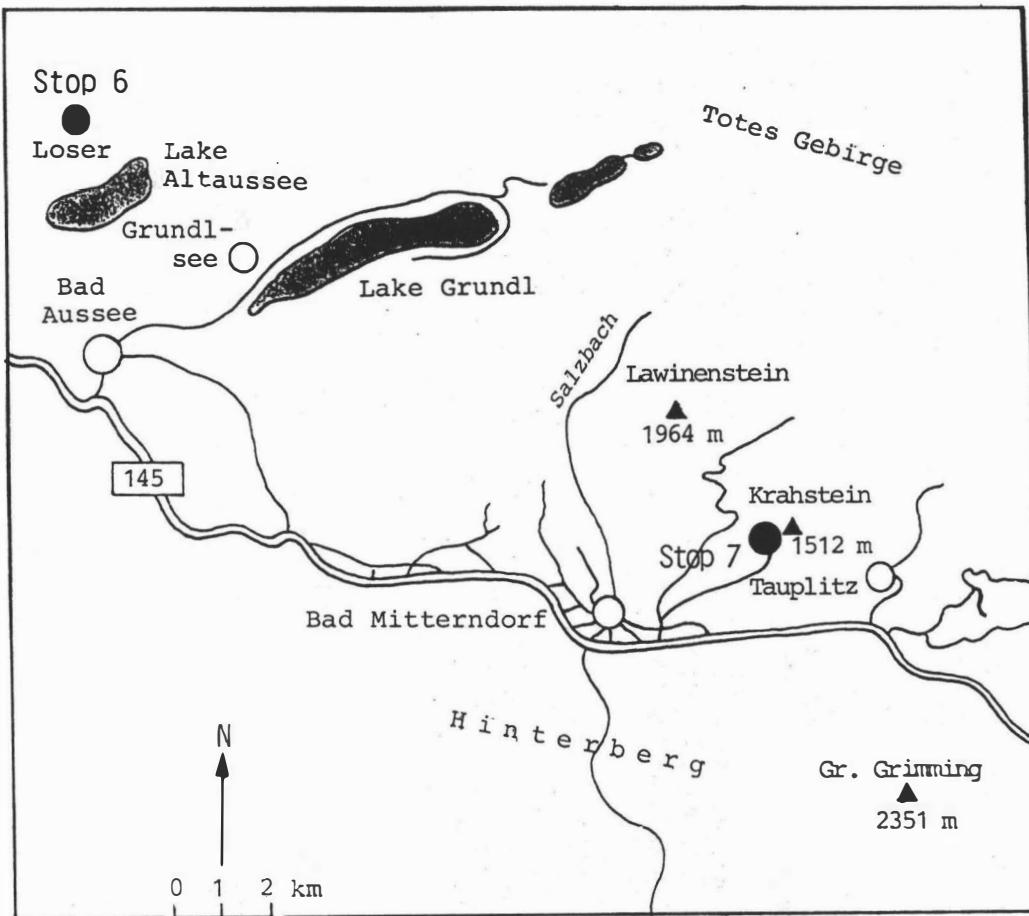


Fig. 2: Location map of stop 6 (Loser, comp. chapter B3) and stop 7 (Krahstein).

**Algae**

"*Tubiphytes*" sp., *Lithocodium* sp. / *Bacinella* sp.;

* near reef detrital limestones: peloidal packstones, grainstones, partly rudstones;

Fauna

foraminifera (*Coscinophragma*, *Protoperiplis*, *Pseudocyclamina*); stromatoporoids, chaetetids; corals; nerineids; echinids;

Algae

cyanobacteria crusts,

Lithocodium sp./*Bacinella* sp.;

Dasyclads:

Salpingoporella pygmaea (GÜMBEL),
Salpingoporella annulata CAROZZI,
Salpingoporellajohnsoni DRAGASTAN,
Campbelliella striata (CAROZZI)

BERNIER;

Petrascula bursiformis ETALLON;

? codiaceans:

Nipponophycus ramosus YABE & TOYAMA;

* lagoonal detritus limestones: grainstones and rudstones with reworked framebuilders

fauna: foraminifera; bryozoans; bivalves; gastropods; abundant echinoderms;

algae: cyanobacteria "envelopes";

* micritic limestones with oncoids: oncolithic bindstones in pelmicritic matrix, oncolithic packstones; oncoid-nuclei mainly formed by gastropods, dasycladacean fragments (*Petrascula*) and foraminifera (*Labyrinthina mirabilis* WEYN SCHENK); dense succession of micritic coatings; fenestral fabrics (*Stromatactis*) can occur.

References

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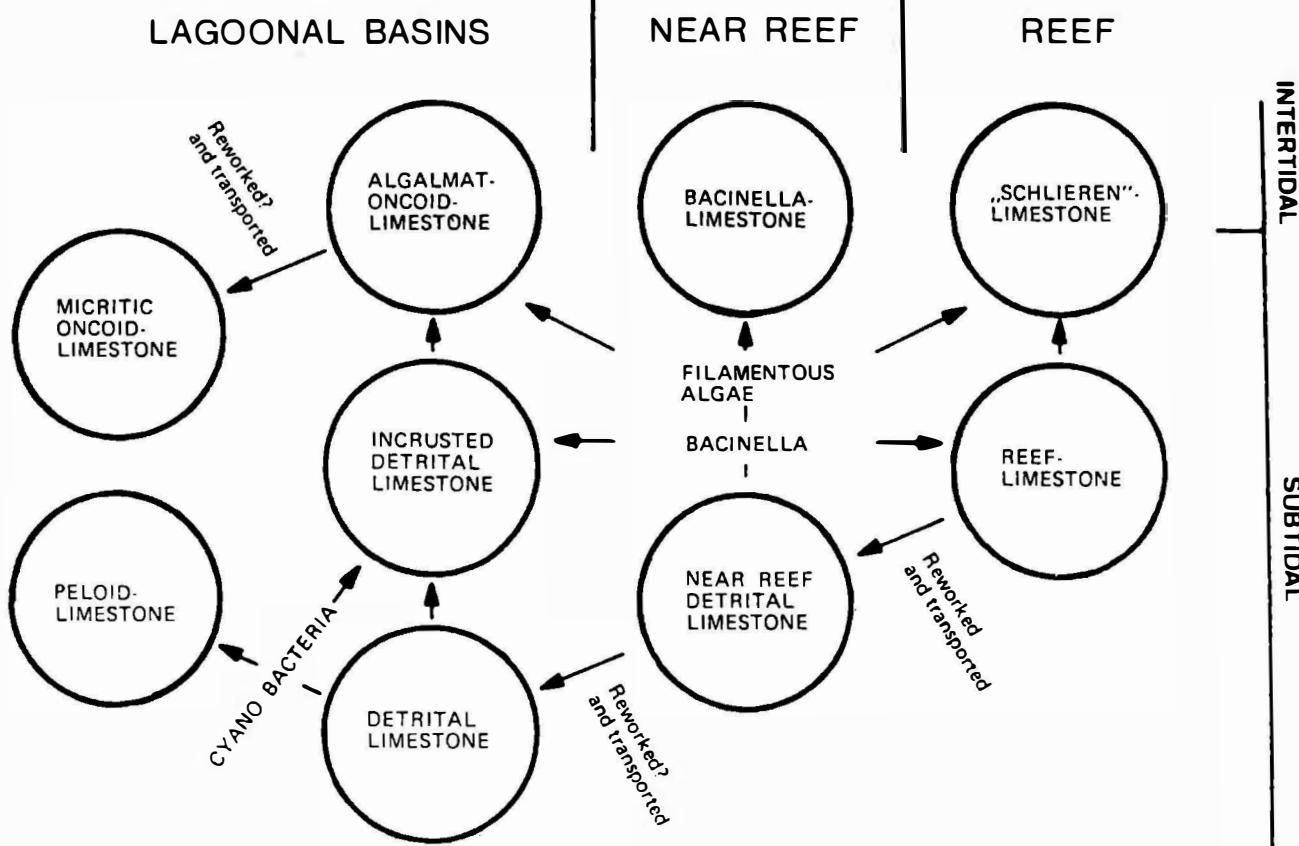


Fig 3: Genetic model explaining possible interrelationships between different facies types of Plassen Limestones (after STEIGER & WURM 1980).

