

Gosavski skladi Slovenije

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Gosavske sklade omenjajo na Slovenskem pri Stranicah in Zrečah blizu Slovenskih Konjic, dalje pri Slovenj Gradcu, na Jesenkovem vrhu in južno od Antonskega potoka na Pohorju, pri Domžalah in blizu Šmarjete na Dolenjskem. Sklade pri Stranicah in Zrečah so opisali Teller (1899) ter Hamrla in Žlebnik (1957). Žlebnik je odkril hipuritni greben v teh skladih pri Stranicah. Iz tega grebena so bile določene hipuritne vrste: *Hippurites (Vaccinites) ultimus* Milovanović, *H. (Vacc.) braciensis* Sladić-Trifunović, *H. (Vacc.) latus* var. *major* Toucas, *H. (Vacc.) archiaci* Douvillé, *H. (Orbignya) cf. castroi* Vidal in *H. (Orb.) radiosus* Des Moulins (Pleničar, 1971) in radioliti *Sauvagesia slovenica* Pleničar in *Sauvagesia* sp. (Pleničar, 1973). Vrsti *H. ultimus* in *H. braciensis* sta značilna zastopnika »vrbovačkih skladov«¹ Srbije, torej maastrichta. Kredni skladi pri Gosau so v maastrichtu razviti le lapornato in ne več grebensko, zato tam ne dobimo v zgornjem delu rudistnih oblik iz maastrichta, značilnih za »vrbovačke sklade«. Poleg vrst *H. ultimus* in *H. braciensis* so za »vrbovačke sklade«¹ značilni še rodovi *Pironea* in *Pseudopolyconites*, ki pa jih pri nas ne dobimo. Naše nahajališče pri Stranicah in Zrečah je torej prehodno med značilnimi gosavskimi skladi in »vrbovačkimi skladi«¹.

V pohorskih nahajališčih na Jesenkovem vrhu in južno od Antonskega potoka dobimo vrste *H. collicatus*, *H. inaequicostatus*, *H. tauriscorum* in *Radiolites styriacus*. Te vrste kažejo na kampan, nahajališče pa je bolj podobno pravim gosavskim nahajališčem. Pri Stranicah in Zrečah kot tudi na Pohorju smo dobili v rdečkastem laporju poleg grebenov globotrunkane. Pri Zrečah so pogostne tudi korale iz rodu *Cyclolites*.

Kredni skladi pri Domžalah blizu Ljubljane niso razviti v značilnem gosavskem faciesu. Te sklade sta obdelala Žlebnik (1952) in Ramovš (1972). Sestojе iz apnene breče, rjavkastega peščenega apnenca in laporastega apnenca z globotrunkanami. Nahajališče pri Šmarjeti na Dolenjskem pa še ni dovolj preiskano, da bi mogli soditi o tem, ali res spada v gosavski facies ali ne.

Iz povedanega vendarle sledi, da pomenijo gosavski skladi Slovenije prehodni tip med pravimi gosavskimi plastmi zgornje krede in »vrbovačkimi plastmi«, ki so značilne za nekoliko južnejše alpske province.

The Gosau Beds of Slovenia

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The Gosau beds have been mentioned in Slovenia near Stranice and Zreče, farther near Slovenj Gradec, at Jesenkov vrh and to the south from Antonski potok on Pohorje mountains, near Domžale and at Šmarjeta in Lower Carniola.

The beds near Stranice and Zreče were described by Teller (1899), Hamrla and Žlebnik (1957). A hippuritid reef in these beds has been discovered first by Žlebnik near Stranice. From this reef the following hippuritid and radiolitid fauna has been determined: *Hippurites* (*Vaccinites*) *ultimus* Milovanović, H. (V.) *braciensis* Sladić-Trifunović, H. (V.) *latus* var. *major* Toucas, H. (V.) *archiaci* Douvillé, H. (*Orbignya*) cf. *castroi* Vidal, H. (O.) *radiosus* Des Moulins, *Sauvagesia slovenica* Pleničar and *Sauvagesia* sp. (Pleničar, 1971, 1973). The specimens *H. ultimus* and *H. braciensis* are typical representatives of the "beds of Vrbovac" in Serbia, so of the Maastrichtian. The Cretaceous beds of the Maastrichtian age near Gosau have been developed only marly and no more reefly. For that reason we can't find the typical forms of rudistids from Maastrichtian, characteristic to "Beds of Vrbovac". Besides the specimens *H. ultimus* and *H. braciensis* still the genera *Pironea* and *Pseudopolyconites* are characteristic for "Beds of Vrbovac".

Our locality near Stranice and Zreče has a intermediate signification between the typical Gosau beds and the "Beds of Vrbovac" in Serbia.

In the localities at Jesenkov vrh and to the south from Antonski potok one can find the specimens *H. colliciatu*s, *H. inaequicostatus*, *H. tauriscorum* and *Radiolites styricus*. These species are characteristic for Campanian and the localities are like to the typical localities at Gosau.

Near Stranice and Zreče as well in Pohorje mountains there are preserved globotruncanas in the marl besides the reefs. Near Zreče there are also corals from genus *Cyclolites*.

The Cretaceous beds at Domžale near Ljubljana there haven't been developed in the typical Gosau facies. These beds have been explored by Žlebnik (1952) and Ramovš (1972). There occur limestone breccia, calcarenite and marly limestone with *Globotruncanae*.

The locality at Šmarjeta in the Lower Carniola hasn't been still explored enough.

We can conclude from that: Slovenia is lying in the intermediate area between the Upper Cretaceous beds of Gosau type and "Beds of Vrbovac" type, characteristic for the most southern alpid provinces.