

## Report of the German Subcommittee on Jurassic Stratigraphy for 2009 to 2012

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The German Subcommittee on Jurassic Stratigraphy has currently 48 members. Unfortunately there is a lack of young researchers, a problem that also affects the other German subcommittees. Most of our members are retired. Since 2012 Matthias Franz from the Geological Survey of Baden-Wuerttemberg is the chairman.

Since 2008, our subcommittee has organized four meetings. In Fall near Lenggries (10–13 June 2009), we examined the Jurassic of the Karwendel Mountains. One highlight was the Triassic / Jurassic boundary with the meanwhile ratified GSSP for the base of the Jurassic (Organization Axel von Hillebrandt and Kurt Kment). The next field trip was in Hechingen-Stein in the western Swabian Alb (12–15 May 2010). The field trips covered the whole Jurassic, special digestions were the Nusplingen Plattenkalk, the Posidonia Shale of Dotternhausen, the Upper Jurassic of the Plettenberg and the waterfall of Zillhausen with the Opalinuston Formation and Zillhausen Member. 26 members attended the following annual meeting in Horn-Bad Meinberg near Detmold (1–6 June 2011). The Lias of the Falkenhagen Graben and other Liassic outcrops along the adjacent Teutoburger Wald consists mainly of dark shales with well-preserved ammonites (Organization Michael Kaiser, Rainer Ebel, and Volker Friedlein). The last meeting was held in Vienenburg near Goslar (16–19th May 2012) with excursions into the Jurassic of the Subhercyn Syncline. The Oker



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quarry near the Harz Mountains has become famous for bones of dwarfish sauropods from the Kimmeridgian. An island location led to their relatively smaller size. The quarry has turned out in the meantime into an El Dorado of dinosaurs – with spectacular fossil finds of pterosaurs, crocodiles, and tortoises. (Organization Ljuba Stottmeister and Friedrich Wilhelm Luppold). Our next annual meeting will be held in May 2013 in the Swiss Jura Mountains and is organized by Jens Koppka.

An ongoing project of the German Stratigraphic Commission is LithoLex: <http://www.bgr.de/app/litholex/index.php>. In this online database all lithostratigraphic units of Germany are to be described. In addition, a monograph on the Jurassic of Germany is in progress.

After the GSSP for the base of the Jurassic in the Karwendel was ratified by the IUGS, the Golden Spike was smashed on 20 August 2011 in the Kuhjoch section. Preparing and studying this section for its suitability as a GSSP, Axel von Hillebrandt, Gert Bloos and Max Urlichs, all voting members of our subcommission, were involved.

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