

SYSTEMATIC PALAEOLOGY

A) Zoopalaeontology

Family and lower taxonomic units must be cited. Authors may decide which taxonomic ranks above the level of family to include; include higher ranks if there is controversy regarding usage. Ranks beyond family you include, you must attach taxon author names and dates here and in the references. All cited ranks from species to family levels have to be included in the references.

Systematic palaeontology - examples:

Class Rhombifera Zittel, 1879

Superfamily Glyptocystitidacea Bather, 1899

Family Macrocystellidae Bather, 1899

Genus *Macrocystella* Callaway, 1877 (*previously described genus*)

Type species. – Xxxxxxx. (recommended)

Diagnosis. – In telegraphic style and in a standard sequence. (optional)

Description. – Xxxxxxxx. (optional)

Remarks. – Xxxxx. (optional)

Occurrence. – Xxx. (= distribution or stratigraphic range, optional)

Genus *Macrocystella* gen. nov. (*for a new genus*)

Type species. – xxxx (required).

Etymology. – Xxxxxxxx. (required)

Diagnosis. – In telegraphic style and in a standard sequence. (required)

Description. – Xxxxxxxx. (required)

Remarks. – Xxxxx. (recommended)

Other species. – Xxxx. (= species assigned, required)

Occurrence. – Xxx. (= distribution or stratigraphic range, recommended)

***Glyptosphaerites ferrigena* (Barrande, 1887)** (*previously described species*)

Figures 2A, 4D-F

1887 *Echinosphaerites? ferrigena* Barr., Barrande, p. 154, pl. 21, figs 1-4,9,10.

1965 *Glyptosphaerites ferrigena* (Barrande, 1887). – Prokop, p. 807.

1999 *Echinosphaerites? ferrigena* Barrande, 1887. – Prokop & Petr, p. 64.

Material. – Xxxx. (required)

Diagnosis. – Xxxxxx. (in telegraphic style and in a standard sequence, optional)

Description. – Xxxxx. (in telegraphic style and in a standard sequence, recommended)

Remarks. – Xxxxx. (recommended)

Occurrence. – Xxxxx. (= distribution or stratigraphic range, recommended)

***Glyptosphaerites ferrigena* sp. nov.** (for a new species)

Figures 2A, 7A-H

Types. – Xxxxxxxx. (required)

Type horizon and locality. – Xxx. (required)

Material. – Xxx. (required)

Etymology. – Xxxxxxxx. (required)

Diagnosis. – Xxx. (in telegraphic style and in a standard sequence, required)

Description. – Xxxxxxxx. (required)

Remarks. – Xxxxx. (recommended)

Occurrence. – Xxxxx. (= distribution or stratigraphic range, recommended).

B) Palaeobotany

Articles of the [*International Code of Botanical Nomenclature*](#) of the most recent must be followed for all nomenclatural procedures. Names of the authors can be abbreviated according to the Brummitt & Powell (1992): Authors of plant names. Royal Botanical Gardens. Kew.

The year of the publication behind the author('s) name is in each case strongly recommended. Authors of combinations and/or transfers must be indicated. In case of the newly published taxon of the family and lower rank, the type should be established by wording: *Holo- (lecto-, neo-) type selected here* (or in Latin). In case of new combination or other type of transfer, the basionym with its full reference must be indicated. Infrageneric and infraspecific taxa names must be indicated by the proper rank abbreviation. The typification is required for all new taxa of the family and lower ranks. All the formal entities are indicated by the pre-fix morpho- for all ranks (e.g., morpho-species).

Systematic palaeobotany - examples:

Division and subordinate taxa, including Incertae Sedis (recommended)

Genus *Arbusculidium* Deunff 1968 (previously described genus)

Type.– xxxxxxx. (recommended)

Diagnosis.– Including differential characters. (optional)

Description.– xxxxxxx. (optional)

Occurrence.– xxx (= distribution or stratigraphic range). (optional)

Remarks.– xxx. (optional).

Genus *Schenkiella* Wojcicki & Kvaček gen. nov. (for a new genus)

Type.— established here, number of specimen, repository, reference to the illustration (required).

Etymology.— xxxxxxxx. (required)

Diagnosis.— Including differential characters. (required)

Description.— xxxxxxxx. (required)

Occurrence.— xxx (= distribution and/or stratigraphic range). (recommended)

Remarks.— xxxxx. (recommended).

Other species.— xxxx (optional).

***Schenkiella credneri* (Schenk) Wojcicki & Kvaček 2002 (previously described species)**

Figures 2A,4D –F,7A –H

1877 *Trapa credneri* Schenk sp. nov.; Schenk, p.396, pl. 4, figs 3-4.

1882 *Trapa credneri* Schenk; Beck, p.765, pl.32, fig.21.

2002 *Schenkiella credneri* (Schenk) Wojcicki & Kvaček comb. nov.; Wojcicki & Kvaček, p.111,
figs 2-5.

Material.— xxxx (required).

Description.— xxxxxx (required).

Remarks.— xxxxxx (recommended).

Occurrence.— xxxxxx (recommended, = distribution or stratigraphic range).

***Ladogella volkovae* Di Milia & al., sp. nov. (for a new species)**

Figures 2A,4D –F,7A –H

Holotype.— established here, number of specimen, repository, reference to the illustration (required).

Type horizon and locality.— xxx. (required)

Etymology.— xxxxxxxx. (required)

Material.— xxxx (required).

Diagnosis.— Including differential characters. (required)

Description.— xxxxxxxx. (required)

Remarks.— xxxxx. (recommended).

Occurrence.— xxxxx (recommended, = distribution or stratigraphic range).