



# *Cupressinoxylon klimovae* Blokhina, nom. nov. – a new species name replacing *Cupressinoxylon biotoides* Blokhina, 1989 (Cupressaceae)

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## ABSTRACT

A new replacement species name *Cupressinoxylon klimovii* Blokhina nom. nov. is proposed instead of *Cupressinoxylon biotoides* Blokhina..

**Key words:** nomen novum, nomenclature, *Cupressinoxylon*, Cupressaceae, fossil wood

## РЕЗЮМЕ

БЛОХИНА Н.И. *Cupressinoxylon klimovii* Blokhina, nom. nov. – новое видовое название, заменяющее *Cupressinoxylon biotoides* Blokhina, 1989 (Cupressaceae). Предлагается новое заменяющее видовое название *Cupressinoxylon klimovii* Blokhina nom. nov. вместо *Cupressinoxylon biotoides* Blokhina.

**Ключевые слова:** nomen novum, номенклатура, *Cupressinoxylon*, Cupressaceae, ископаемая древесина

The species *Cupressinoxylon biotoides* Blokhina was established on the basis of anatomical features of fossil wood from the Miocene deposits of Primorye (Blokhina 1989).

However, this species name turned out to be the later homonym *Cupressinoxylon biotoides* Mathiesen introduced by Fr.J. Mathiesen (1970) for the fossil wood from Neogene lignites of central Jutland (Denmark). According to the provisions of the International Code of Botanical Nomenclature (Turland et al. 2018), the name of fossil wood from Primorye is illegal and requires replacement. In this regard, a new replacement species name *Cupressinoxylon klimovii* Blokhina nom. nov. is proposed. The name is given in honor of the palaeobotanist from Primorye, R.S. Klimova, who provided a collection of fossil wood remains.

Due to the fact, the diagnosis of the species under the illegal name *Cupressinoxylon biotoides* Blokhina was given only in Russian, it was advisable to cite it in the present work under the new name *Cupressinoxylon klimovii* Blokhina in English. The classification of the Pinidae is given according to M.J.M. Christenhusz et al. (2011).

Phylum: **Pinophyta** Cronquist, Takhtajan & Zimmermann ex Reveal, 1996

Class **Pinopsida** Burnett, 1835

Subclass: **Pinidae** Cronquist, Takhtajan & Zimmermann, 1966

Order **Cupressales** Link, 1829

Family **Cupressaceae** Gray 1822 nom. cons.

Genus ***Cupressinoxylon*** Göppert, 1850

Species ***Cupressinoxylon klimovii*** Blokhina, nom. nov. = *Cupressinoxylon biotoides* Blokhina, 1989: p. 135, pl. X – non *Cupressinoxylon biotoides* Mathiesen, 1970: p. 62, pl. XXVIII.

**Diagnosis:** The wood consists of tracheids, axial (wood) and ray parenchyma cells. Pits in radial tracheid walls are uniseriate and biseriate opposite. Pits in tangential tracheid walls are uniseriate. Transverse walls of axial parenchyma cells are smooth or sometimes with a single small slightly visible knot.

Rays are 1–17 cells in height (predominately within 10 cells), uniseriate, occasionally with one biseriate layer. Horizontal and tangential walls of ray cells are smooth. There are 1–4 cupressoid (in places some similar to taxodioid) pits per cross-field.

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