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Stratigraphical ranges of tegulated inoceramid bivalves in the type area of the Maastrichtian Stage (Belgium, the Netherlands)

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1 **Stratigraphical ranges of tegulated inoceramid bivalves in the type area of**
2 **the Maastrichtian Stage (Belgium, the Netherlands)**

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12 A B S T R A C T

13 Recently collected material, in fine- to medium-grained biocalcarenes and in coeval flint
14 nodules, of the tegulated inoceramid taxa *Spyridoceramus tegulatus* (von Hagenow, 1842)
15 and *Tenuipteria argentea* (Conrad, 1858) from various members of the Gulpen Formation and
16 the overlying Maastricht Formation allows their stratigraphical ranges to be refined. It is
17 concluded that the ranges correspond closely to those in east-central Poland (Vistula [Wisła]
18 River valley region), where *S. tegulatus* occurs in the lower Maastrichtian and lower upper
19 Maastrichtian (*Endocostea typica*, *Trochoceramus radiosus* and ‘*Inoceramus*’ *ianjonaensis*
20 inoceramid zones, or *Belemnella occidentalis* and *Belemnitella junior* cephalopod zones). In
21 contrast, *Tenuipteria argentea* appears to be confined to the overlying zone of *Belemnella*
22 (*Neobelemnella*) *kazimiroviensis* (Skolozdrówna, 1932) and *Belemnella* (*N.*) *skolozdrownae*
23 (Kongiel, 1962) and there is no overlap in the range of both species. In the type area of the

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