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Nota di contenuto	Cover; Titlepage; Contents; Family Illaenidae Hawle & Corda, 1847; Genus Pilekia Barton, 1915; Introduction; Summary of previous research on the Ordovician of Spitsbergen; Stratigraphy of the Kirtonryggen Formation; Stratigraphic sub-divisions and age; Tremadocian-Floian boundary; Correlation with other areas of Ordovician Laurentia; Greenland; Canada; Northwest Scotland; USA; Occurrence of trilobites in the Kirtonryggen Formation; Field occurrence; Biofacies and biogeography; Peculiarities of the Spitsbergen faunas; Eastern and western Laurentia; Origin of major trilobite clades The family Bathyruridae The problem of type species; Morphology of Bathyruridae; Systematic Palaeontology; Order Aulacopleurida Adrain, 2011; Family Hystricuridae Hupe, 1953; Genus Svalbardicurus n. gen.; Svalbardicurus delicatus n. sp.; Genus Hystricurus Raymond, 1913; Hystricurus cf. Hystricurus sp. nov. B Adrain et al., 2003; Hystricurus sp. 1; Order Proetida Fortey & Owens, 1975; Family Bathyruridae Walcott, 1886; Sub-family Bathyrurinae Walcott, 1886; Genus Bolbocephalus Whitfield, 1890; Bolbocephalus gunnari n. sp.; Bolbocephalus convexus (Billings, 1865) Bolbocephalus stclairi Cullison, 1944 Bolbocephalus sp. cf. B. kindlei Boyce, 1989; Genus Catochia Fortey, 1979; Catochia hinloppensis n. sp.; Catochia ornata Fortey, 1979; Genus Jeffersonia Poulsen, 1927;

Jeffersonia striagena n. sp.; *Jeffersonia viator* n. sp.; *Jeffersonia timon* (Billings, 1865); '*Jeffersonia*' aff. *J. granosa* Cullison, 1944; Genus *Peltabellia* Whittington, 1953; *Peltabellia glabra* n. sp.; Genus *Petigurus* Raymond, 1913; *Petigurus nero* (Billings, 1865); *Petigurus groenlandicus* Poulsen, 1937; Genus *Psalikilopsis* Ross, 1953; *Psalikilopsis* n. sp. aff. *P. cuspicaudata* Ross, 1953; *Bathyurine* n. gen. n. sp. A Sub-family *Bathyurellinae* Hupe, 1953; Genus *Bathyurellus* Billings, 1865; *Bathyurellus abruptus* Billings, 1865; *Bathyurellus diclementsae* n. sp.; Genus *Benthamaspis* Poulsen, 1946; *Benthamaspis gibberula* (Billings, 1865); *Benthamaspis conica* Fortey, 1979; Genus *Ceratopeltis* Poulsen, 1937; *Ceratopeltis* cf. *C. batchensis* Adrain & Westrop, 2005; Genus *Chapmanopyge* n. gen.; *Chapmanopyge* cf. sp. 1 (Loch, 2007); *Chapmanopyge* '*amplimarginiata*' (Billings, 1865); *Chapmanopyge* cf. *C. sanddoelaensis* (Adrain & Westrop, 2005); *Chapmanopyge* n. sp. A Genus *Grinnellaspis* Poulsen, 1946 *Grinnellaspis newfoundlandensis* Boyce, 1989; Genus *Harlandaspis* n. gen.; *Harlandaspis elongata* n. sp.; Genus *Licnocephala* Ross, 1951; *Licnocephala brevicauda* (Poulsen, 1937); *Licnocephala* n. sp. A; *Licnocephala* n. sp. B; *Licnocephala?* n. sp. C; Genus *Punka* Fortey, 1979; *Punka latissima* n. sp.; *Punka flabelliformis* Fortey, 1979; Genus *Uromystrum* Whittington, 1953; *Uromystrum affine* (Poulsen, 1937); *Uromystrum* aff. *U. affine* (Poulsen, 1937); *Uromystrum drepanon* n. sp.; Family *Dimeropygidae* Hupe, 1955; Genus *Ischyrotoma* Raymond, 1925 *Ischyrotoma parallela* (Boyce, 1989)

Sommario/riassunto

This monograph describes early Ordovician (Ibexian:Tremadocian-early Floian) trilobites from Northern Spitsbergen from the section through the Kirtonryggen Formation adjacent to Hinlopen Strait. The Formation is divided into three Members, each with distinct trilobites collectively representing the fullest known succession from the Bathyurid biofacies of the eastern Laurentian carbonate platform. Previous research on the Ordovician of Spitsbergen is summarised and correlations with similar faunas previously described from Canada, Greenland, western Newfoundland, Vermont-New York State, Ok