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Oxford:

*Sinosura wolburgi* (HESS)

*Ophiochiton pratti* (FORBES) (FORBES UND WRIGHT: *Amphiura Pratti*(i))

*Ophiocoma ? nereida* (WRIGHT) (WRIGHT: *Ophiurella nereida*)

#### SUMMARY

In this paper a review of the known English jurassic Ophiuroidea is given and some new species are also described. Most of these fossils are in the British Museum and the Geological Survey Museum in London. It is demonstrated that *Palaeocoma gaveyi* (WRIGHT) and *P. egertoni* (BRODERIP) from the Pliensbachian must be regarded as junior synonyms of *Palaeocoma milleri* (PHILLIPS). For *Acroura brodiei* WRIGHT, also from the Pliensbachien, *Sinosura* n. g. is established. This genus also embraces *Ophiopinna ? wolburgi* HESS and *O. ? dorecta* HESS from the Oxfordian and Callovian of the Swiss Jura, whereas *Ophiura longivertebralis* WOLBURG from the German Lias and *Ophiopinna ? helvetica* HESS from the Swiss Pliensbachian are regarded as synonymous with *Sinosura brodiei*. *Ophioderma weymouthiensis* DAMON from the Oxford Clay (?) is shown to be a species of the genus *Ophiomusium* as are *Ophiolepis murravii* FORBES from the Pliensbachien and *Ophiolepis leckenbyi* WRIGHT from the Bajocian. *Ophiolepis ramsayi* WRIGHT from the Lower Lias is assigned to *Ophiomusium* on a provisional basis only. For *Ophiurella griesbachii* WRIGHT from the Bathonian a new genus, *Ophiohybris*, is proposed. Two other Bathonian ophiurids are described as *Dermocoma wrighti* n. g. n. sp. and *Ophiopetra bathonica* n. sp.; *Amphiura pratti* FORBES from the Oxford Clay is provisionally placed in the genus *Ophiochiton*, and *Ophiurella nereida* WRIGHT from the Corallian in the genus *Ophiocoma*.

A series of isolated ossicles and fragments from the Pliensbachien of Aston Magna are also described. The following species have been recognized: *Hemieuryale ? lunaris* HESS, *Palaeocoma milleri* (PHILLIPS), *Ophiomusium* cf. *murravii* (FORBES), and *Sinosura brodiei* (WRIGHT). A number of lateral shields and arm fragments are described as *Ophiura ? astonensis* n. sp. Two types of lateral shields are not specifically named: *Ophiocsten ?* n. sp. and «Seewen type I A».

#### LITERATURVERZEICHNIS

- ARKELL, W. J. (1933): *The Jurassic System in Great Britain*. Oxford.  
 - (1956): *Jurassic Geology of the World*. Edinburgh and London.  
 BOEHM, G. (1889): *Ein Beitrag zur Kenntnis fossiler Ophiuren*. Ber. naturf. Ges. Freiburg 4.  
 CHARLESWORTH, E. (1847): London geol. J. 3.  
 CLARK, H. L. (1911): *North Pacific Ophiurans in the collection of the United States National Museum*. Bull. U.S. Nat. Museum 75.  
 DAMON, R. (1880): *Supplement to the Geology of Weymouth and the Isle of Portland*. 2nd. ed., London (Pl. 17, figs. 10 and 10 A).  
 ENAY, R., & HESS, H. (1962): *Sur la découverte d'Ophiures (Ophiopetra lithographica n. g. n. sp.) dans le Jurassique supérieur du Haut-Valromey (Jura méridional)*. Eclogae geol. Helv. 55/2.  
 FELL, H. BARRACLOUGH (1960): *Synoptic keys to the genera of Ophiuroidea*. Zool. Publ. Victoria Univ. Wellington, No. 26.