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CATALOGUE OF TYPE SPECIMENS IN THE INVERTEBRATE
PALAEONTOLOGICAL COLLECTIONS OF THE MUSEUM
OF GEOLOGY AND PALAEONTOLOGY OF THE UNIVERSITY
OF FLORENCE (ITALY). TRILOBITA

Riassunto — Catalogo dei tipi presenti nelle collezioni di Invertebrati del Museo di Geologia e Paleontologia dell'Università di Firenze (Italia). Trilobiti. I tipi dei Trilobiti del Museo di Geologia e Paleontologia di Firenze appartengono a sei specie ed una sottospecie. Il materiale è stato raccolto durante la spedizione De Filippi (1913-14) nell'Himalaia e Caracorum e determinato da GORTANI, 1934.

Summary — The type specimens of Trilobita of the Museum of Geology and Palaeontology of Florence belong to: *Asaphus nebulosus*, *Dainellicauda elegantulus*, *Illaenus herculeus*, *Illaenus (Panderia) raniceps*, *Nileus armadillo* var. *expansus*, *Ptychopyge tibetana* and *Ptychopyge robusta*; the material was described by GORTANI (1934).

Key words — Trilobita, types, Ordovician.

INTRODUCTORY REMARKS

The type specimens of Trilobita of the Museum belong to 6 species and 1 subspecies. All of these were described by GORTANI (1934). The material was obtained by Proff. Dainelli and Marinelli during the Italian Expedition DE FILIPPI (1913-1914) in Himalaya, Caracorum and Chinese Turkestan, at Chisil Pass about 120 km West of Caracorum Pass, at 5,400 m a.s.l.

The Trilobita, rather incomplete, occur in haematitic limestone with Cephalopoda and dubious microfossils (Globigerina and Radiolaria) of middle Ordovician age.

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Noticeable is the relative gigantisme in these species, though less developed than in the Brachiopods of the same collection.

Specimens are listed alphabetically under genus name, with the known synonymies; quotations of authors following the binomen of each entry are in accordance with the rules of the International Code of Zoological Nomenclature. The Catalogue number of the Museum of Geology and Palaeontology of Florence is abbreviated « I.G.F. ».

1) *Asaphus nebulosus* Gortani 1934

I.G.F. 15677, holotype

Asaphus nebulosus GORTANI, 1934, p. 76, Tav. XVIII, Fig. 1a-b.

Asaphus nebulosus; LU, CHANG & ecc. 1965, p. 475, pl. 93, Figs. 15-16.

2) *Dainellicauda elegantulus* (Gortani) 1934

I.G.F. 15676, holotype

Asaphus elegantulus GORTANI, 1934, p. 79, Tav. XVIII, Fig. 2a-b.

Asaphosis (?) *elegantulus*; KOBAYASHI, 1936, p. 177, Pl. XX, Fig. 17.

Asaphus elegantulus; WIRTH, 1937, p. 103 (one specimen from Szechuan, Süd-West-China, medium Ordovician).

Dainellicauda elegantulus KOBAYASHI, 1960, p. 253, Fig. 7c.

Dainellicauda elegantulus; LU, CHANG & ecc. 1965, p. 540, pl. 113, Fig. 5.

Asaphopsis (?) *elegantulus*; ICHIKAWA & HAYAMI, 1968, p. 112 (PA 1367, cast of holotypes in Dept. Hist. Geol. & Palaeont. University Museum, Tokyo).

3) *Illaenus herculeus* Gortani 1934

I.G.F. 15681, holotype

Illaenus herculeus GORTANI, 1934, p. 85, Tav. XIX, fig. 1a-d.

Illaenus herculeus; JAANUSSON, 1954, p. 574.

Illaenus herculeus; JAANUSSON, 1957, p. 127.

Illaenus herculeus; LU, CHANG & ecc., 1965, p. 559.

Illaenus cf. *herculeus*; DEAN, 1973, p. 317, pl. 6, Figs. 7, 11, 13, 16; pl. 7, Figs. 6-8, 11, 13, 14 (It. 7936, It. 7940, It. 7945, It. 7946, from Sobova Valley, Turkey, Lower Ordovician, in British Museum N.H. of London).

4) *Illaenus (Panderia) raniceps* Gortani 1934

I.G.F. 15683, holotype

Illaenus (Panderia) raniceps GORTANI, 1934, p. 90, Tav. XIX, fig. 5a-d.
Panderia raniceps; JAANUSSON, 1954, p. 565.*Panderia raniceps*; LU, CHANG & ecc. 1965, p. 568, pl. 120, figs. 9-12.
Illaenus (Panderia) raniceps; DEAN, 1973, p. 323.5) *Nileus armadillo* var. *expansus* Gortani 1934

I.G.F. 15670, holotype (specimen lost)

I.G.F. 15671, syntypes (4 ex.)

Nileus armadillo var. *expansus* GORTANI, 1934, p. 76, Tav. XVII,
fig. 5a-d.6) *Ptychopyge tibetana* Gortani 1934

I.G.F. 15673, holotype

Ptychopyge tibetana GORTANI, 1934, p. 80, Tav. XVIII, figs. 5-6.*Ptychopyge tibetana*; WIRTH, 1937, p. 103, Tav. V, figs. 2-3 (two spe-
cimens from Szechuan, Süd-West-China, middle Ordovician).*Ptychopyge tibetana*; LU, CHANG & ecc., 1965, Pl. 96, figs. 12-14.7) *Ptychopyge robusta* Gortani 1934

I.G.F. 15672, holotype

Ptychopyge robusta GORTANI, 1934, p. 81, Tav. XVIII, fig. 4a-d.*Ptychopyge robusta*; LU, CHANG & ecc., 1965, p. 486, pl. 97, figs. 1-2.

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