

## **HERMAN, Jacques Albert Laurent-Arthur**

Born at Gent (Eastern Flanders, Belgium) on 15.11.1948.

Geologist and palaeontologist (1971 to 2000) of the Belgian Geological Survey.  
Palaeontologist of the Belgian Royal Institute of Natural Sciences (2000 to 2007).  
Presently retired.

### **Formation**

#### **Free University of Brussels (1966 to 1974)**

1971: Master in Geology and Mineralogy.  
1974: PhD in Geology and Mineralogy (option Palaeontology).

### **Professional Activities**

The Belgian Geological Survey was a Survey of the Mine Administration (Ministry of Economic Affairs) working in tight collaboration with the Ministry of the Public Works. This implied that the geologists had to suggest the choice for the implantation of the preliminary borings for diverse works of national interest, such as the construction of barrages, enlargement of ancient channels, the designation of the ideal zones for the extension of diverse extraction pits, research of new water levels ...

### **Parallel research Activities**

Study of the fossil Elasmobranchii: their systematics, evolution, stratigraphical and palaeoecological implications.

Odontology of all the subgeneric taxa of extant Elasmobranchii.

Sedimentological, mineralogical, taphonomical and palaeoecological studies of the marine sediments of the Belgian Mesozoic and Cenozoic levels

### **Publications**

HERMAN, J. 1972: Les vertébrés du Landénien inférieur (L1a ou Heersien) de Maret (hameau d'Orp-le-Grand). *Bulletin de la Société belge de Géologie, Paléontologie et Hydrologie*. Bruxelles. **81(3-4)**: 19 -207, 3 psl.

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CASE, G. & HERMAN J. 1973: A dorsal fin spine of the chimeroid fish *Edaphodon* cf. *bucklandi* (AGASSIZ) from the Eocene of Morocco. *Bulletin de la Société belge de Géologie, Paléontologie et Hydrologie*. Bruxelles. **82(3)**: 445 - 449.

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HERMAN, J. 1974: Quelques restes de sélaciens récoltés dans les Sables du Kattendijk à Kallo. *Bulletin de la Société belge de Géologie, Paléontologie et Hydrologie*. Bruxelles. **83(1)**: 15 - 31.

HERMAN, J. 1974: Compléments paléoichthyologiques à la faune éocène de la Belgique: 2. Présence du genre *Eotorpedo* WHITE, E., I., 1935 dans les Sables de Forest (Yprésien supérieur belge). *Bulletin de la Société belge de Géologie, Paléontologie et Hydrologie*. Bruxelles. **83(1)**: 33 - 34.

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- HERMAN, J. 1977: Les Sélaciens des terrains néocrétacés et paléocènes de Belgique et des contrées limitrophes. Eléments d'une biostratigraphie intercontinentale. *Mémoires pour servir à l'explication des Cartes géologiques et minières de la Belgique*. Bruxelles. **15**: 1 - 450.
- HERMAN, J. & CROCHARD, M. 1977: Additions to the Eocene fish fauna of Belgium. 3. Revision of the Orectolobiforms. *Tertiary Research*. London. **1(4)**: 127 - 138.
- STEURBAUT, E. & HERMAN, J. 1978: Biostratigraphie et poissons fossiles de l'Argile de Boom (Oligocène moyen du Bassin Belge). *Géobios*. Lyon. **11(3)**: 297 - 325.
- HERMAN, J. & CROCHARD, M. 1979: Additions to the Eocene fish fauna of Belgium. 4. *Archaeomanta*, a new genus from the Belgian and North African Palaeogene. *Tertiary Research*. London. **2(2)**: 61 - 67.
- HERMAN J., 1979: Réflexions sur la systématique des Galeoidei et sur les affinités du genre *Cetorhinus* à l'occasion de la découverte d'éléments de la denture d'un exemplaire fossile dans les Sables du Kattendijk à Kallo (Pliocène inférieur, Belgique). *Annales de la Société géologique de Belgique*. Liège. **102**: 357 - 377.
- HERMAN, J. 1982: Additions to the Eocene fish fauna of Belgium. 5. The discovery of *Mustelus* teeth in Ypresian, Paniselian and Wemmelian strata. *Tertiary Research*. London. **3(4)**: 189 - 193.
- HERMAN, J. 1982: Additions to the Eocene fish fauna of Belgium. 6. The Belgian Eocene Squalidae. *Tertiary Research*. London. **4(1)**: 1 - 6.
- HERMAN, J. 1982: Die Selachier-Zähne aus der Maastricht-Stufe von Hemmor, Niederelbe (NW-Deutschland). *Geologische Jahrbuch. A*. **61**: 129 - 159.
- HERMAN, J. 1984: Additions to the Eocene (and Oligocene) fish fauna of Belgium. 7. Discovery of *Gymnura* teeth in Ypresian, Paniselian and Rupelian strata. *Tertiary Research*. London. **6(2)**: 47 -54.
- HERMAN, J. 1986: Additions to the Eocene fish fauna of Belgium. 8. A new rajiform from the Ypresian-Paniselian. *Tertiary Research*. London. **8(1)**: 33 - 42.
- HERMAN, J. 1987: Contributions to the study of the comparative morphology of teeth and other relevant ichthyodorulites in living supraspecific taxa of Chondrichthyan fishes. General introduction. *Bulletin de l'Institut royal des Sciences naturelles de Belgique(Biologie)*. Bruxelles. **57**: 41 - 42.
- HERMAN, J., HOVESTADT-EULER, M. & HOVESTADT, D., C. 1987: Contributions to the study of the comparative morphology of teeth and other relevant ichthyodorulites in living supraspecific taxa of Chondrichthyan fishes. Part A: Selachii. N°1: Order Hexanchiformes - Family: Hexanchidae. Commissural teeth. *Bulletin de l'Institut royal des Sciences naturelles de Belgique (Biologie)*. Bruxelles. **57**: 43 - 56.
- HERMAN J., HOVESTADT-EULER, M. & HOVESTADT, D., C. 1988: Contributions to the study of the comparative morphology of teeth and other relevant ichthyodorulites in living supraspecific taxa of Chondrichthyan fishes. Part A: Selachii. N°2: Order Carcharhiniformes -Family: Triakidae. *Bulletin de l'Institut royal des Sciences naturelles de Belgique (Biologie)*. Bruxelles. **58**: 99 - 126.
- HERMAN J., HOVESTADT-EULER, M. & HOVESTADT, D., C. 1989: Additions to the Eocene fish fauna of Belgium. 9. Discovery of *Eomobula* gen. and spec. nov. (Mobulidae, Chondrichthyes) from the Ypresian. *Tertiary Research*. London. **10(4)**: 175 - 178.
- HERMAN, J., HOVESTADT-EULER, M. & HOVESTADT D., C. 1989: Contributions to the study of the comparative morphology of teeth and other relevant ichthyodorulites in living supraspecific taxa of Chondrichthyan fishes. Part A: Selachii. N° 3: Order Squaliformes, Families: Echinorhinidae, Oxynotidae and Squalidae. *Bulletin de l'Institut royal des Sciences naturelles de Belgique (Biologie)*. Bruxelles. **59**: 101 - 157.
- HERMAN, J., HOVESTADT-EULER, M. & HOVESTADT, D., C. 1990: Contributions to the study of the comparative morphology of teeth and other relevant ichthyodorulites in living supraspecific taxa of Chondrichthyan fishes. Part A: Selachii. N°2b: Order Carcharhiniformes: Family Scyliorhinidae. *Bulletin de l'Institut royal des Sciences naturelles de Belgique (Biologie)*. Bruxelles. **60**: 181 - 230.
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Pseudotriakidae, Leptochariidae and Carcharhinidae. *Bulletin de l'Institut royal des Sciences naturelles de Belgique (Biologie)*. Bruxelles. **61**: 73 - 120.

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morphotypes), *Raja (Rioraja)*, *Raja (Rostroraja)*, *Raja lintea*, and *Sympterygia*. *Bulletin de l'Institut royal des Sciences naturelles de Belgique*. (Biologie). Bruxelles. **65**: 237-307.

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Euselachii, Neoselachii et Batoidei (Pisces - Elasmobranchii), actuels et fossiles. *Géominpal Belgica* 2.(Supplément) PDF. (Published the last days of June 2012)..

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**A Website, freely accessible, was also created:**

**<http://users.skynet.be/Geominpal-Belgica>**

which is also accessible via

**[www.geominpal.be](http://www.geominpal.be)**

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