

The scientific output of Hans de Bruijn

The conference "Distribution and Migration of Tertiary Mammals in Eurasia" of May 2001 was organized on the occasion of the 70th birthday of Hans de Bruijn, in recognition of his contribution to our knowledge of Tertiary small mammal faunas. Hans has been active in mammalian paleontology since 1966 and so he still is today (2003). He belongs to the generation of Pierre Mein, Marguerite Huguency, Volker Fahlbusch, Oldrich Fejfar, and Thijs Freudenthal, who are responsible for the recognition of the importance of small mammal research for correlation of continental sediments in Europe.

The scientific community measures its members on the basis of literature output and offspring in terms of number of Ph.D. theses. Not measurable is the respect of colleagues and students, which a scientist earns in the course of his career. However, I may mention that Hans (at conferences) is treated as 'grand old man' of rodent paleontology in Europe, and that he still receives daily emails from older and younger colleagues seeking his advice.

Hans is a 'down-to-earth' scientist who shuns theoretical questions, which in his opinion get soon too far removed from the data. At the same time, he aims for practical solutions rather than pondering the many possibilities, which indeed often are caused by lack of data. Yet two other characteristics of Hans are his self-reliance and his love of traveling. By far most of his field trips have been undertaken in his own car (a characteristic Ford Transit mini-truck) and together with his wife Jes, whose contribution to mammal paleontology is acknowledged here. The travels were often to unexplored areas, with unknown rodents of unknown age. This naturally led to the main fields Hans worked in: taxonomy, biostratigraphy, and paleobiogeography and migration. This approach resulted in a large output of papers with clearly described material and reliable data (see Appendix and Figure 1) from Europe, Pakistan, Turkey, Lybia, Georgia, and others. In the papers (up till the conference) he and his co-authors had described 122 new taxa, including (sub)families, genera and species, and studied 19 different (sub)families of rodents.

Hans 'doctor-fathered' seven theses – those of Anneke Bosma (1974), Anne van de Weerd (1976), Remmert Daams (1981), Coja Rümke (1985), Engin Ünay (1989), Lars van den Hoek Ostende (1999) and Konstantin Theocharopoulos (1999). Most regrettably, Remmert Daams and Kostaki Theocharopoulos untimely passed away.

Finally, I wish to mention that Hans has been instrumental to the furthering of small mammal research in Spain and Turkey. He contributed personally, and also indirectly when Remmert Daams and Engin Ünay became professors at the Complutense University of Madrid (Spain) and the Cumhuriyet University of Sivas (Turkey), respectively. Last year Hans even initiated a new collaboration with dr Zoran Markovic of the Natural History Museum in Belgrade (Serbia).

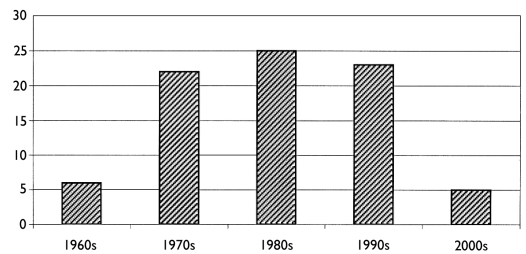


Figure 1 Publications of Hans de Bruijn over five decades (n=81).

Albert J. van der Meulen

Appendix Publications of Hans de Bruijn.

- Bruijn, H. de, 1966 - Some new Gliridae (Rodentia, Mammalia) from the Calatayud area (Prov. Zaragoza, Spain) - Proceedings Nederlandse Akademie van Wetenschappen B 69 (1): 58-78
- Bruijn, H. de, 1966 - On the mammalian fauna of the *Hipparion* beds in the Calatayud-Teruel basin (Prov. Zaragoza, Spain) part II, The Gliridae (Rodentia) - Proceedings Koninklijke Nederlandse Akademie van Wetenschappen B 69 (3): 1-21
- Bruijn, H. de, 1966 - On the Pleistocene Gliridae (Mammalia, Rodentia) from Malta and Mallorca - Proceedings Koninklijke Nederlandse Akademie van Wetenschappen B 69 (1): 480-496
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- Bruijn, H. de & Moltzer, J.G., 1974 - The rodents from Rubielos de Mora; The first evidence of the existence of different biotopes in the Early Miocene of Eastern Spain - Proceedings Koninklijke Nederlandse Akademie van Wetenschappen B 77 (2): 129-145
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