

In memoriam Dr Agatha Gijzen (1904-1995), eminent museum historian and zoo biologist

A.C. van Bruggen

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A.C. van Bruggen, c/o National Museum of Natural History, P.O.Box 9517, 2300 RA Leiden, The Netherlands.

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Dr Agatha Gijzen (Rotterdam *9 October 1904, Merksem/Belgium †19 February 1995) was a remarkable zoologist in more than one respect. Although her professional career, spanning more than three and a half decades, was largely spent as a staff zoologist in the service of the famous Antwerp/Planckendael zoological gardens complex in Belgium (1947-1974), she had already made her name as a zoologist/historian by obtaining her Ph.D. degree in 1938 on an extensive first study of the history of the Rijksmuseum van Natuurlijke Historie in Leiden, the national museum of natural history of The Netherlands. She properly organized the archives of the museum for the very first time and her published doctoral thesis (unfortunately only available in Dutch; summary in English) covers the history from the museum's beginnings in 1820 (and its predecessors) until 1915, when the museum was completely settled in its then new and revolutionary building under the guidance of its fourth director. This means that she reviews the period of the first three directors (Dr C.J. Temminck, 1820-1858; Dr H. Schlegel, 1858-1884; Dr F.A. Jentink, 1884- 1913) completely (Dr E.D. van Oort, acting director 1913-1915, took over the reins in 1915, so that his tenure is hardly touched upon). Apart from the directors, the scientific staff is very fully covered. Another part of the book describes the collectors who contributed material from all over the world, but particularly from the then Dutch East Indies (Indonesia). The book is concluded with an annotated alphabetical index of correspondents in the period 1820-1915. Gijzen's treatise is a basic work on the museum, its policies and history; it is still consulted almost daily by all who have to refer to material obtained before 1915.

The second and longest part of Agatha Gijzen's professional career was devoted to the management, care and breeding of exotic animals in zoological gardens. After almost a decade at the Rotterdam Zoological Gardens (1938-1947, with an interruption during World War II), she enjoyed the exciting times of rebuilding the almost totally destroyed Antwerp Zoo (Belgium) after the war and the opening and first development of its outstation Planckendael in Muizen near Mechelen. In the course of supervising the management of the mammals, she became an expert on the okapi [*Okapia johnstoni* (Slater)], the at that time still elusive forest giraffid of Zaïre, initiating the international studbook of specimens in captivity and publishing some authoritative papers on the subject.

Finally she was appointed part-time professor of animal behaviour at the Free University of Brussels (Vrije Universiteit Brussel, 1970-1975) besides her duties as senior scientist at the Antwerp/Planckendael zoos.

The obituary lists her publications, many of which were of a semipopular nature in the context of the educational duties of a non-commercial zoological gardens. The zoo journal destined for a wider public was published in two editions, in Dutch and in French. Agatha Gijzen originally wrote her contributions in Dutch, but (almost) all are also available in French - these articles are marked with an *. The edition in French was the one distributed in exchange by the Antwerp Zoo and referred to in the Zoological Record.

Agatha Gijzen has become justly famous for her much-quoted history of the Rijksmuseum van Natuurlijke Historie (now Nationaal Natuurhistorisch Museum =

National Museum of Natural History, Leiden). Her published doctoral thesis (1938) was and is the basic treatise for the period from the foundation (1820) until the First World War (1915) in the more than 175 years' history of this important research institute. Subsequently, however, Agatha Gijzen became an expert on the management of wild animals in captivity, particularly as regards mammals, during her long association with the Antwerp Zoo. Therefore, she represents a remarkable dual biological career worth describing in some detail.

Agatha Gijzen was born in Rotterdam on 9 October 1904. She read biology at Leiden University (Rijksuniversiteit Leiden), where she obtained her Master's Degree in Biology ('doctoraalexamen') in 1928 with zoology being her main subject, and botany and geology as subsidiary subjects. It was a difficult time for people with academic degrees, in particular for biologists. In those days staff positions in universities and scientific institutions were strictly limited in number and hard to come by, so that most biologists had to resort to teaching in secondary schools. In 1930 Miss Gijzen was employed for a short time as a biology teacher at a school in Rotterdam.

From 1930 until 15 November 1938 Agatha Gijzen acted as secretary in the Zoology Department (Zoologisch Laboratorium) of Leiden University (Dullemeijer, 1976); other sources record her as an assistant ('hulpkracht', 'hulpassistente'). In that period, however, something happened that would have far-reaching consequences. In 1935, Agatha Gijzen was charged with the considerable task of creating some order in the archives of the Rijksmuseum van Natuurlijke Historie, Leiden (Boschma, 1938: 5). This museum, the national institute for systematic zoology in The Netherlands, had at its disposal extensive, but, unfortunately, completely chaotic, archives dating back to its foundation in 1820.

Miss Gijzen approached this comprehensive task energetically, which resulted in (1) a beautifully ordered and therefore extremely useful archive (still almost daily consulted by museum staff and visiting scientists¹), and (2) a published doctoral thesis on the history of the museum under its first three directors. She must have worked very hard indeed as witnessed by the completion of her book in the late summer of 1938 (see also Boschma, 1943: 1). On 15 November 1938, Agatha Gijzen successfully publicly defended her doctoral thesis in the historical university buildings and thus obtained her Ph.D., having been promoted 'Doctor in de Wis- en Natuurkunde'. The title of the (published) thesis is " 's Rijks Museum van Natuurlijke Historie 1820-1915" (fig. 1); her 'promotor' (Ph.D. supervisor) was the redoubtable Prof. Dr H. Boschma, director of the museum 1933-1958 and professor of systematic zoology 1934-1963.

The contents and importance of this book are far beyond that of an ordinary doctoral thesis. Miss Gijzen's work serves more or less as a guide or manual for the museum's archives; it was, and is, a source of information (almost an oracle) for everyone who has to work with the museum's material gathered in the first century

¹It is entirely appropriate that the museum archives also contain documents pertaining to Agatha Gijzen herself. After leaving the museum she kept in contact through correspondence with various staff members, consulting them on data for her manuscripts. In addition, Dr Holthuis and the present writer discovered three versions of Prof. Boschma's speech on the occasion of her Ph.D. ceremony (two in his own handwriting, the third handwritten by Miss A.J. Sleyser, at that time administrative assistant).

'S RIJKS
MUSEUM VAN NATUURLIJKE HISTORIE
1820—1915

PROEFSCHRIFT

ter verkrijging van den graad van
doctor in de Wis- en Natuurkunde
aan de Rijksuniversiteit te Leiden, op
gezag van den Rector Magnificus
Dr P. C. Flu, hoogleeraar in de fa-
culteit der geneeskunde, voor de
faculteit der Wis- en Natuurkunde
te verdedigen op
Dinsdag 15 November 1938,
des namiddags te 4 uur, door
AGATHA GIJZEN
geboren te Rotterdam.



Rotterdam 1938

W. L. & J. Brusse's Uitgeversmaatschappij N.V.

'S RIJKS
MUSEUM VAN NATUURLIJKE HISTORIE
1820—1915

DOOR

DR AGATHA GIJZEN



Rotterdam 1938

W. L. & J. Brusse's Uitgeversmaatschappij N.V.

Fig. 1. Frontispiece of the published doctoral thesis (left) and of the commercial edition of the thesis (right) of Agatha Gijzen (reduced; original size 8°).

of its existence. The book covers a lot more ground than simply reflecting the history of the museum in the period 1820-1915². Not only are the first three directors (Dr C.J. Temminck, 1820-1858; Dr H. Schlegel, 1858-1884; Dr F.A. Jentink, 1884-1913; the fourth director, Dr E.D. van Oort, acting director 1913-1915, director 1915-1933, is hardly touched upon), their museum policies and their staff, expertly covered in detail, the thesis also describes the, unfortunately never quite completed, 'new' purpose-built, building in the Raamsteeg, in those days a pioneering and to a certain extent leading innovation in the museum world. Few zoological doctoral dissertations of the late thirties are still consulted almost daily . . .

Unfortunately, Miss Gijzen's treatise is almost wholly in Dutch, so that it is little-known internationally; it may even be considered a decidedly rare book in foreign scientific libraries. There is a summary in English on pp. 282-287. The full contents of the book are as follows (translated; there is no index).

² Comprehensive literature on the history of the museum is quite rare, in fact, apart from Gijzen (1938), there is only one title. Readers are referred to Holthuis (1995), who covers the period 1820-1958; his valuable and highly interesting contribution is wholly in Dutch. It is very fully indexed as regards personal names, but it only treats directors, scientific and technical/administrative staff. In addition, it contains a wealth of portraits.

- I. Introduction (4 pp.).
- II. The founding of the Rijksmuseum van Natuurlijke Historie (17 pp.).
- III. The collections at the time of the founding of the Rijksmuseum van Natuurlijke Historie (21 pp.) (Cabinet of the Stadtholder = Paris collection; Cabinet of the University; Trippenhuis collection = National cabinet of natural history; Temminck collection; Brugmans collection; acquisitions of the Leiden cabinet before the founding of the museum; geological-mineralogical- palaeontological department).
- IV. Opinions as regards the composition of a natural history (systematic zoology) collection in the period 1820-1915 (30 pp.) (Temminck; Schlegel; Jentink; separation of zoological and palaeontological collections).
- V. The development of the collections in the period 1820-1915 (122 pp.). Ways and means to expand the collections (Commissioned collecting: Reinwardt and the 'Natuurkundige Commissie' [natural history committee, mainly for collecting in the Dutch East Indies]; other collectors during Temminck's directorate; collectors during Schlegel's directorate; collectors during Jentink's directorate. Material acquired from private persons and dealers: existing collections; relations with dealers. Exchange).
- VI. Some particulars on the techniques of preparation, labelling, preservation and display of specimens (10 pp.).
- VII. Use made of the material in the museum (44 pp.) (The museum and university teaching; the museum and secondary education and its relation to other Dutch institutions; loans of material; use made of material by other scientists; publications on the museum's material; the museum and the public).
- VIII. The building (11 pp.) (Historical review; the new museum building).
- IX. The significance of the natural history museum (5 pp.).
- X. The scientific staff of the museum (17 pp.).
- Summary [in English] (6 pp.).
- Literature (12 pp.).
- List of correspondents (36 pp.).

Curiously, after 1938 Agatha Gijzen never again dealt with the history of biology. Her career took a remarkable turn on 21 November 1938, when she was appointed assistant and secretary to Dr K. Kuiper, director of the Rotterdam Zoological Gardens. Here she lived through turbulent years, inclusive of the traumatic experiences of the short and tragic, but extremely fierce, World War II battles in Rotterdam in May 1940. At that time the zoo was in a transition-stage; the old site on the Kruisstraat in the centre of the city was already closed to the public and the new zoo in Blijdorp (at that time at the edge of the city) was still in the process of being built, although a lot of progress had already been made. The old zoo premises were almost completely destroyed by the German air raid, but a limited number of animals survived; the large carnivores had already been killed at the opening of hostilities by order of the military authorities. This difficult time, with poor prospects and severe financial restrictions, was her apprenticeship in the zoo world and she thereby received a thorough grounding for her future work in Belgium. During the German occupation, she was suspended from 1942-1945 because of her anti-German attitude; she was not the only one, the same applied to her director, Dr Kuiper. She survived by assisting the veterinarian J.C. Peters (who acted as veterinary consultant to the zoo) and running clandestine courses in zoology for medical and biology students

after the universities had been forced to close. She was re-instated in May 1945; when she left the (new) Rotterdam zoo on 1 April 1947, her staff position was defined as 'biological assistant'.

On 1 May 1947, Agatha Gijzen was appointed zoologist to the 'Koninklijke Maatschappij voor Dierkunde van Antwerpen' (Royal Zoological Society of Antwerp). Here she worked until 1974; initially she was charged with the management of all animal groups, later restricted to the mammals, but ending her career as head of the Biology Section.

The Antwerp Zoo was in ruins after World War II and the exciting task of building up a premier collection housed in at least adequate, but usually good to even exemplary, accommodation mainly fell to Agatha Gijzen. In the late forties and fifties it was still possible to obtain many rare species without too much trouble; the close relationship of Belgium with the former Belgian Congo (now Zaïre) offered eagerly-seized opportunities to import rarely-seen denizens of the African tropical rainforest. She introduced a number of measures initiating a type of animal-management based on sound scientific principles. Her multifarious responsibilities and duties included, inter alia, keeping animal records, performing necropsies, overseeing international animal transports, and organizing supplies of food animals through in-house breeding. She was a spontaneous and deeply-motivated worker not eschewing personal intervention in even the lowliest tasks. Many of the great successes in keeping and breeding delicate wild animals in Antwerp (and later also at its outstation Planckendaal at Muizen near Mechelen) are due to Agatha Gijzen's persistent and patient handling of sometimes difficult individual animals. A large measure of personal courage led her, in times of need, to carry out the medical treatment of supposedly dangerous animals herself in close cooperation with the veterinary consultants. In many respects, she was right when others thought she was wrong; this led to conflicts with staff at times, but she always had the welfare of the animals at heart.

In the course of this work, she developed a specialism in the management of the okapi [*Okapia johnstoni* (Sclater)], at that time a still-elusive denizen of the east-central African rainforest. Okapis in captivity are fragile animals, needing specialist husbandry. Agatha Gijzen devoted a lot of time to this rare giraffid and finally solved a number of problems, resulting in regular breeding of the species (fig. 2). She initiated an international studbook of okapi in zoological gardens and published (both scientifically and semi-popularly) regularly on the subject, frequently also in cooperation with colleagues (1958, 1959, 1962, 1972, 1974, 1977). A scrutiny of her list of publications, however, shows that she intensely studied other animals (mainly mammals) as well. At scientific meetings, national and international, she was always a welcome guest and she usually had interesting data to communicate. At one time, she formed a famous trio with the formidable Dr Erna Mohr (well-known German mammologist and translator of Gijzen's okapi book) and Dr A.C.V. van Bemmelen (director of the Rotterdam Zoo) at various meetings of the Deutsche Gesellschaft für Säugetierkunde (D.G.S., the German mammal society).

In 1970 she was appointed part-time professor³ of animal behaviour (officially:

³ Although Agatha Gijzen carried the title of Professor, her personal file (kindly copied by Prof. Polk) shows that her official title was "docent categorie C". In the most recent of the papers in her file received (dated 28 March 1975), she is recorded as "buitengewoon docent" [extraordinary docent].



Fig. 2. Agatha Gijzen with the female okapi calf Lipumbe [*Okapia johnstoni* (Sclater)], born in Antwerp on 22 January 1958), 23 January 1958. Photograph courtesy Antwerp Zoo.

ethology of the vertebrates in the context of conservation) at the Free University, Brussels ('Vrije Universiteit Brussel'), besides her duties as head of the biology section of the Antwerp Zoo. She served the university with distinction and supervised various theses; in 1975 she was retired on pension because of the official age limit.

Personally, she loved classical music and she kept dogs for many years. Agatha Gijzen was a strong personality and a born leader, naturally commanding respect, but also quite spontaneous. She was totally dedicated and devoted to her job and its attendant, at times irksome, responsibilities. She was also blessed with a sense of humour. Her conversation was positively witty at times and she was a linguist in more than one respect which decidedly impressed all those who knew her. Miss Gijzen was particularly admired by her Belgian colleagues for her unmitigated mastery of her own mother tongue.

The following list of publications has been compiled with the assistance of an enumeration in the archives of Antwerp Zoo and a list submitted by Agatha Gijzen



Fig. 3. Agatha Gijzen on the occasion of the celebration of her silver jubilee in Antwerp (1 June 1973, detail of a group photograph, extracted by A. 't Hooft). Photograph courtesy Antwerp Zoo.

herself when applying for the position at the Free University in Brussels. There is no claim to completeness, although one hopes and expects that little has been missed. The articles in the semi-popular periodical *Zoo* were originally written in Dutch. Almost all of these were translated into French for the French edition of the journal, which is the one that has been distributed in exchange throughout the world by the Antwerp Zoo and, incidentally, also the edition referred to in the *Zoological Record*. She also served on the editorial board of the prestigious *Winkler Prins Encyclopedie van het Dierenrijk* (in which she wrote the article on the okapi in vol. 4), published by Elsevier (Amsterdam-Brussels) in six volumes in 1973-1975.

Acknowledgements

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through the manuscript, supplying data on the period 1947-1974 and the photos, and to Prof. Dr P. Polk ('Vrije Universiteit Brussel') for supplying details of the career of Agatha Gijzen at the Free University, Brussels.

Summary obituaries of Agatha Gijzen that have come to the knowledge of the present author, are Anonymous (1995), van Bruggen (1995), and S. [De Smet] (1995).

List of publications

List of publications by Agatha Gijzen (not all publications have been personally scrutinized; papers marked with an * were also published in French in the French edition of the journal of the Antwerp zoological gardens)

- 1938 - 's Rijks Museum van Natuurlijke Historie 1820-1915: I-XII, 1-335, 4 plates (3 portraits and 1 photograph of the new building), 1 drawing (new building), 2 graphs, 3 facsimiles (handwriting), 2 folding plans.— W.L. & J. Brusse's Uitgeversmaatschappij, Rotterdam (doctoral thesis Rijksuniversiteit Leiden, promotor Prof. Dr H. Boschma, professor of systematic zoology 1934-1963, museum director 1933-1958)⁴.
- 1938 - Wetenschappen.— Nieuwe Rotterd. Courant, avondblad 15.xi.1938.
- 1946 - (A. Gijzen & J.C. Peters) Overzicht van geboorten, ziekten en sterfgevallen in diergaarde Blij-Dorp van Augustus 1940-Augustus 1942.— Tijdschr. Diergeneesk. 71: 655-663.
- 1949 - *Onze aanwinsten.— Zoo Antwerpen 15 (Nov. 1949): 20-25, 15 figs.
- 1952 - *Onze zoölogische verzamelingen.— Zoo Antwerpen 17 (Jan. 1952): 52-55, 7 figs.
- 1952 - *Onze zoölogische verzamelingen. Geboorten, giften, aanwinsten.— Zoo Antwerpen 18 (Oct. 1952): 48-53, 15 figs.
- 1953 - *Onze zoölogische verzamelingen. Giften, aanwinsten en . . . verliezen.— Zoo Antwerpen 18 (Jan. 1953): 85-89, 7 figs.
- 1953 - *Onze zoölogische verzamelingen. Giften, geboorten, aanwinsten.— Zoo Antwerpen 19 (May 1953): 16-19, 8 figs.
- 1953 - *Onze zoölogische verzamelingen. Aanwinsten - giften - geboorten.— Zoo Antwerpen 19 (Sept. 1953): 32-39, 17 figs.
- 1953 - *Onze zoölogische verzamelingen. Giften, geboorten, aanwinsten.— Zoo Antwerpen 19 (Oct. 1953): 54-56, 4 figs.
- 1954 - *Onze zoölogische verzamelingen.— Zoo Antwerpen 19 (Jan. 1954): 77-78, 4 figs.
- 1954 - *Poema lief en leed.— Zoo Antwerpen 19 (Jan. 1954): 79-80, 3 figs. [puma, *Felis concolor* L.].
- 1954 - *Een zebra-veulen geboren in de Zoo.— Zoo Antwerpen 20 (May 1954): 20 (photo on cover).
- 1954 - *Onze zoölogische verzamelingen. Giften, aanwinsten, geboorten.— Zoo Antwerpen 20 (Oct. 1954): 38-44, 10 figs.
- 1954 - *Onze zoo-bewoners met taaie levenskracht . . . Een Japanse reuzensalamander ruim drie en veertig jaar in ons aquarium.— Zoo Antwerpen 20 (Oct. 1954): 45-46, 1 fig. [Japanese giant salamander *Andrias japonicus* (Temminck)].
- 1955 - *Onze zoölogische verzamelingen. Giften, aanwinsten, geboorten.— Zoo Antwerpen 20 (Jan. 1955): 76-79, 5 figs.
- 1955 - *Onze zoölogische verzamelingen. Giften, aanwinsten, geboorten.— Zoo Antwerpen 20 (Apr. 1955): 102-104, 3 figs.
- 1955 - *Achter de schermen. Zoo-gebeurtenissen, die men niet ziet.— Zoo Antwerpen 20 (Apr. 1955): 105-106, 1 fig.

⁴The official sales price of the commercial edition of the book at that time was Hfl. 4.90. This made Gijzen's thesis a fairly expensive book; e.g., in those days an unemployed man received benefits of only Hfl. 11.00 per week (fide Dr C. van Achterberg). Prof. Boschma obtained a large stock of the commercial edition of Agatha Gijzen's thesis and liberally presented copies to many interested people. The only difference between the thesis and the commercial edition is in the title page (fig. 1).

- 1955 - *Onze zoölogische verzamelingen.— Zoo 21 (1): 18-22, 8 figs.
 1955 - *Onze zoölogische verzamelingen.— Zoo 21 (2): 40-41, 2 figs.
 1955 - *Zeldzame gasten in de Antwerpse zoo.— Zoo 21 (2): 44-45, 2 figs. [Philippine or monkey-eating eagle *Pithecophaga jefferyi* Ogilvie-Grant, spiny anteater *Tachyglossus aculeatus* (Shaw)].
 1956 - *Onze zoölogische verzamelingen.— Zoo 21 (3): 85-89, 5 figs.
 1956 - *Onze zoölogische verzamelingen.— Zoo 21 (4): 118-121, 4 figs.
 1956 - *Robben (Pinnipedia).— Zoo 22 (1): 4-38, 35 figs.
 1956 - *Onze zoölogische verzamelingen.— Zoo 22 (2): 52-56, 8 figs.
 1957 - *Onze zoölogische verzamelingen.— Zoo 22 (3): 84-87, 5 figs.
 1957 - *Onze zoölogische verzamelingen. Een praatje over antilopen.— Zoo 22 (4): 127-130, 6 figs.
 1957 - *(A. Gijzen & M. Palmans) Een heel grote hond, vermomd als kat. De jachtluipaard.— Zoo 23 (1): 26-28, 2 figs. [cheetah *Acinonyx jubatus* (Schreber)].
 1957 - *De eerste vijftien minuten uit het leven van een bizon.— Zoo 23 (2): 40-41, 6 figs. [American bison *Bison bison* (L.)].
 1957 - *Onze zoölogische verzamelingen.— Zoo 23 (2): 42-47, 8 figs.
 1958 - Notice sur la reproduction de l'okapi *Okapia johnstoni* (Sclater) au Jardin Zoologique d'Anvers.— Bull. Soc. Roy. Zool. Anvers 8: 1-61, pl. I-XX, 1 tab.
 1958 - Quelques observations concernant la naissance et la croissance de girafes (*Giraffa camelopardalis antiquorum* (Swainson)) au Jardin Zoologique d'Anvers.— Mammalia 22: 112-120, figs. 1-2, pl. V.
 1958 - (A. Gijzen & H. Wermuth) Schildkröten-Pflege in öffentlichen Schau- Aquarien nach biologischen Gesichtspunkten.— Bull. Soc. Roy. Zool. Anvers 6: 1-65, pl. I-LII, 2 tab.
 1958 - *Onze zoölogische zeldzaamheden.— Zoo 24 (1): 6-38, 33 figs.
 1958 - Zoölogische inventaris op 30 april 1958.— Appendix to Zoo 24 (1): 1-24.
 1959 - Das Okapi *Okapia johnstoni* (Sclater): 1-120, fig. 1-63.— Die Neue Brehm- Bücherei Heft 231, A. Ziemsen Verlag, Wittenberg Lutherstadt (translated into German by Dr Erna Mohr).
 1959 - *Onze zoölogische verzamelingen.— Zoo 24 (3): 82-84, 6 figs.
 1959 - *Wonderen der zee in het aquarium.— Zoo 24 (4): 106-115, 24 figs.
 1959 - *Het kweken van zeldzame dieren in de dierentuin. Een rechtvaardiging van zijn bestaan.— Zoo 25 (1): 26-32, 17 figs.
 1959 - Enkele gegevens over de geboorte van hoefdieren in de dierentuin te Antwerpen.— Lutra 1 (19): 196-197.
 1959 - Korte mededeling over geboorte en groei van giraffen in de dierentuin te Antwerpen.— Lutra 1 (19): 197-198.
 1960 - Liste des mammifères ayant figuré ou figurant dans les collections du Jardin Zoologique de la Société Royale de Zoologie d'Anvers, depuis sa fondation en 1843 jusqu'au mois de juin 1960 (inclus), avec en regard l'année la plus reculée au cours de laquelle leur présence fut établie.— Bull. Soc. Roy. Zool. Anvers 16: 1-18.
 1960 - *Levende reuzenslakken in de Zoo.— Zoo 25 (4): 103-114, 21 figs. [giant land snails: Achatinidae].
 1960 - Boekbespreking⁵ (Allemands vriend olifant, by R. Carrington, translated by H. Rensenbrink).— Zoo 26 (2): 39.
 1961 - A propos de l'élevage en captivité de jeunes phoques (*Phoca vitulina* Linnaeus, 1758).— Bijdr. Dierk. 31: 45-47, figs. 1-8
 1961 - *Okapi "Nduku" is geboren.— Zoo 26 (3): 77, 1 fig.
 1961 - Boekennieuws (Hoe dieren vliegen, lopen, zwemmen, springen, kruipen, by J. Gray).— Zoo 26 (3): 99.
 1961 - *Onagers (*Equus onager* Pallas).— Zoo 26 (4): 113-117, 5 figs.
 1961 - *Het dozijn is vol!— Zoo 27 (2): 40, 1 fig. [giraffe breeding].
 1961 - *De muskusos (*Ovibos moschatus* (Zimmermann)).— Zoo 27 (2): 41-48, 11 figs.
 1962 - (A. Gijzen & J. Mortelmans) Notice complémentaire sur l'okapi *Okapia johnstoni* (Sclater), sur sa reproduction et ses maladies au Jardin Zoologique d'Anvers.— Bull. Soc. Roy. Zool. Anvers 30: 1-62, 10 figs.

⁵Boekbespreking = book review. Boekennieuws = news about books.

- 1962 - *Elsie en Ornita hebben een baby!— Zoo 27 (3): 88-90, 2 figs. [l'Hoësts guenon *Cercopithecus lhoesti* Sclater].
- 1962 - *Bevers op stap.— Zoo 27 (4): 128-129, 5 figs. [Canadian beaver *Castor canadensis* Kuhl].
- 1962 - *Geboorte van drie tijgertjes (*Felis tigris* Linnaeus).— Zoo 27 (4): 130, 1 fig.
- 1962 - Boekennieuws (Aspecten van de moderne biogeografie, by S.G. Kiriakoff; Geen plaats in de ark, by A. Moorehead, translated by M. Gerritsen).— Zoo 27 (4): 134.
- 1962 - *Onze zoölogische verzamelingen/Zoogdieren. Poolvossen (*Alopex lagopus* (Linnaeus))/ Geboorten in gevangenschap.— Zoo 28 (1): 13-18, 7 figs.
- 1962 - Boekennieuws (Goma, das Gorillakind, by E.M. Lang).— Zoo 28 (1): 45.
- 1962 - *De Nederlandse Blauwe-Cirkel Organisatie opgericht door de Stichting "Dierenrampenfonds" demonstreert in de dierentuin.— Zoo 28 (1): 48, 2 figs.
- 1962 - *Onze zoölogische verzamelingen/Zoogdieren. Zij kwamen uit het land van de koude!— Zoo 28 (2): 69-72, 7 figs. [southern elephant seal *Mirounga leonina* (L.)].
- 1962-1963 - Schilderkunst, biologie, voedingsleer en gastronomie.— Jaarb. Kon. Mus. Schone Kunsten Antw. 1962-1963: 1-39, figs. 1-3.
- 1963 - *Onze zoölogische verzamelingen/Zoogdieren. Klein duimpje en de reus.— Zoo 28 (3): 152, 2 figs. [gorilla *Gorilla gorilla* (Savage & Wyman) and pygmy marmoset *Cebuella pygmaea* (Spix)].
- 1963 - *Snel ingrijpen voorkwam een ramp . . . Aankomst van vissen en hogere [SIC: lagere] dieren uit de Atlantische Oceaan.— Zoo 28 (3): 157-158, 2 figs.
- 1963 - *Het domein "Planckendael". De belangstelling van het publiek tijdens het voorbijse seizoen.— Zoo 28 (3): 170-171, 2 figs.
- 1963 - *Onze zoölogische verzamelingen/Zoogdieren. De Zoo in de ban van koning winter.— Zoo 28 (4): 190-194, 11 figs.
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