

RETIREMENT OF DR. R. A. MAAS GEESTERANUS

(With Plate 59)

On January 30th, 1976 Dr. Maas Geesteranus, Senior Mycologist, left the Mycological Department of the Rijksherbarium, Leiden, at the mandatory retirement age of sixty-five. This provides us with an occasion for outlining his career and commemorating his scientific achievements.

Rudolf Arnold Maas Geesteranus was born on January 20th, 1911, at the Hague. Before he was a year old the family went to the erstwhile Dutch East Indies and he remained there until 1929. As a growing boy he was deeply impressed by the richness and variety of nature in the tropics.

When he returned to the Netherlands he finished secondary school at the Hague in 1931, after which he enrolled at the University of Leiden for the study of Biology. As a student he had a wide interest in animals, especially birds and insects, and he became a skilled nature photographer.

In 1935-1936 and 1937-1938 he held at the Rijksherbarium the position of volunteer assistant, at that time the current stepping-stone to a scientific career. In July 1939 he was given a formal appointment at the Rijksherbarium as Assistant. Following the suggestion of a senior colleague, Dr. S. J. van Oostroom, Maas Geesteranus turned his attention to lichens. In 1942 he was appointed Curator of the Herbarium of the Netherlands Mycological Society, and in 1946 Curator of the mycological and lichenological collections of the Rijksherbarium.

His lichenological studies led him to revise the taxonomy of the Parmeliaceae in the Netherlands and for this, on November 19th, 1947, he was granted the degree of Doctor of Science. After 1950, however, he concentrated principally on the taxonomy of fungi.

From March 12th, 1949 to January 14th, 1950, Maas Geesteranus made a one-man expedition to Kenya; he collected lichens and phanerogams in particular.

Through his continuous efforts the mycological herbarium was reorganized, many fungi were collected, described and depicted, and card indexes of mycological literature and Netherlands records were started. The primary aim was to establish a representative collection of the fungi of the Netherlands and surrounding countries, with special emphasis on the Agaricales and other groups of macromycetes.

From 1954-1958 Maas Geesteranus edited 'Fungus', a periodical for amateur mycologists in the Netherlands. Under his guidance it was transformed into a purely scientific publication.

After 1955 he became more and more interested in the stipitate hydnoïd fungi. He revised the stipitate 'Hydnums' of the Netherlands, publishing his work in sections and completing it in 1960. Subsequently he started type-studies and anatomical investigations of 'Hydnums' from all over the world.

In the fifties Maas Geesteranus and his then director Prof. H. J. Lam succeeded in establishing a taxonomic-mycological centre at the Rijksherbarium; the staff was joined successively by C. Bas, the late M. A. Donk and J. van Brummelen.

In 1959 Maas Geesteranus and Donk, again firmly supported by Prof. Lam, together founded the mycological journal 'Persoonia'. From the outset to 1974 Maas Geesteranus was on the editorial board.

Meanwhile he continued to collect fungi in the Netherlands and other European countries. Furthermore in 1964 Maas Geesteranus, accompanied by Bas, made a ten-week expedition to Northern India to collect mycological specimens.

Besides his work on hydnoïd fungi Maas Geesteranus also studied several groups of Ascomycetes, especially those with large fruit-bodies, such as the Helvellaceae, Geoglossaceae, Pezizaceae and the genus *Cordyceps*.

Many of his findings are compiled in his 'Hydnaceous fungi of the eastern Old world' (1974) and 'Die terrestrischen Stachelpilze Europas' (1975).

His regional surveys of certain groups of macromycetes (e.g. Gasteromycetes, Pezizales, hydnoïd and clavarioïd fungi) are invaluable, not only for amateurs but also for professional mycologists.

At the mycological department of the Rijksherbarium Maas Geesteranus leaves a gap that will be hard to fill. Fortunately he plans to continue to spend part of his time on mycology, particularly on myco-floristic work in the Netherlands and on the taxonomy of the stipitate hydnoïd fungi of the whole world.

For his colleagues Maas Geesteranus has been an unfailingly helpful adviser and an exemplary and devoted fellow mycologist. For the Rijksherbarium he is a valued worker with a keen eye for system, detail and perfection in mycological work and taxonomic administration. We hope to have him amongst us for a long time.

J. van Brummelen, C. Bas

Publications of R. A. Maas Geesteranus on lichens and fungi

(Compiled by L. VOGELZANG, Librarian)

This list is not confined to purely scientific publications, as their author probably would have wished. It also includes his popular mycological publications that have stimulated so many mycologists in the Netherlands and are therefore a characteristic part of Maas Geesteranus' activities.

1944

Nog een vindplaats van de Zadelhelvella. *In Fungus* **15**: 5 (with A. C. Perdeck).
Mycologisch werk uit het buitenland. *In Fungus* **15**: 22-23.

Maakt Uw vondsten productief. *In Fungus* **15**: 23-24.

1946

Review: Verdoorn, F. a.o. Plants and Plant Science in Latin America, Groningen 1945. *In* Vakbl. Biol. **26**: 70-71.

Over de berkenboleet en zijn verwanten. *In* Fungus **16**: 13-16, 27-30.

1947

Revision of the lichens of the Netherlands. I. Parmeliaceae. Thesis. *In* Blumea **6**: 1-199.

Mycologische aantekeningen. *In* Fungus **17**: 27.

Mycologische aantekeningen. *In* Fungus **17**: 37-38.

Mycologisch werk uit het Buitenland, II. *In* Fungus **17**: 66-68.

1949

Over IJsland's mos. In het voetspoor van Thijsse, 77-83. Wageningen, 1949.

Voorlopig verslag van het *Lycoperdon*-onderzoek. *In* Fungus **19**: 18-22 (with A. C. Perdeck).

1950

Een paar Fungi van de Kaloot. *In* Fungus **20**: 69-71.

Enkele herinneringen uit Kenya's bossen. *In* Vakbl. Biol. **30**: 117-129.

Enkele paddestoelenvondsten op en om de St. Pietersberg. *In* Natuurh. Maandbl. **39**: 115-118.

Verslag over een reis naar Afrika. Pp. 23. Mimeographed. Leiden.

1951

Beelden uit Kenya. *In* Verslag lezing gehouden Mij. Diligentia, 's-Gravenhage: 7-15.

Enkele paddestoelenvondsten op en om de St. Pietersberg. II. *In* Natuurh. Maandbl. **40**: 17-21.

Fomes pinicola, twee typen, één soort. *In* Fungus **21**: 15-17.

Mycologische aantekeningen 5-10. *In* Fungus **21**: 42-45.

Disciseda candida (Schw.) Lloyd. *In* Fungus **21**: 51-53.

Verzoek om toezending van Amanieten. *In* Fungus **21**: 59-60.

1952

Mycologische aantekeningen XI-XV. *In* Fungus **22**: 6-10.

Paxina dupainii (Boud.) Seaver, een nieuwe Discomyceet voor ons land. *In* Fungus **22**: 10-12.

Mycologische aantekeningen XVI-XVII. *In* Fungus **22**: 18-22.

Enkele Fungi uit Wageningen's omgeving en enige algemene opmerkingen vooraf. *In* Fungus **22**: 53-55.

Lijst van Fungi gevonden op de excursies der Ned. Myc. Ver. in de omgeving van Arnhem (27 en 28 September) en Maastricht (11 en 12 October). *In Fungus* 22: 58-62.

Revision of the Lichens of the Netherlands. II. Physciaceae. *In Blumea* 7: 206-287.

Itinerary in Kenya Colony and the Union of South Africa. *In Blumea* 7: 297-302.

1953

Enkele paddestoelenvondsten op en om de St. Pietersberg, III. *In Natuurh. Maandbl.* 42: 17-21.

Enkele paddestoelenvondsten op en om de St. Pietersberg, IV. *In Natuurh. Maandbl.* 42: 75-80.

Index Fungus, vols. 1-20. Pp. 164. Amsterdam.

Lichenes in Agsteribbe, E. & Groenhuyzen, S., De bryologische voorjaarsexcursie naar Voorne. *In Buxbaumia* 7: 39-41.

Over *Paxina acetabulum* (L. ex Fr.) O.K. *In Fungus* 23: 17-21.

Over het conserveren van Fungi. *In Fungus* 23: 47-48.

1954

Van levende boleet tot dood herbarium exemplaar. *In Coolia* 1: 17-18.

Mycologisch nieuws 1-5. *In Coolia* 1: 22-25.

„Waar moet ik op letten?“ *In Coolia* 1: 28.

Belangrijke kenmerken in het geslacht *Agaricus*. *In Coolia* 1: 31-33.

Review: Haas, H. Pilze Mitteleuropas. Speisepilze I, Stuttgart 1951. *In Coolia* 1: 34-35.

Hydnum onderzoek. *In Coolia* 1: 36.

Notes on Dutch lichens. *In Blumea* 7: 570-592.

Notes on Dutch fungi. *In Fungus* 24: 13-27.

1955

Sclerotinia-soorten op Cyperaceae en Juncaceae. *In Coolia* 2: 4-5.

Mycologisch nieuws 6-10. *In Coolia* 2: 6-8.

Mycologisch nieuws 11-13. *In Coolia* 2: 15-16.

Onze gesteelde *Hydnums*. *In Coolia* 2: 27-31.

Some lichenological observations in Kenya. *In Webbia* 11: 519-523.

Notes on Dutch fungi, II. *In Fungus* 25: 44-52.

1956

Bij de 50e verjaardag van de Deense Mycologische Vereniging. *In Coolia* 3: 6-7.

Op zoek naar *Cyphella*'s. *In Coolia* 3: 30-31.

Review: Romagnesi, H. *Nouvel Atlas des Champignons*, Paris 1956. *In Coolia* 3: 39-40.

The stipitate *Hydnums* of the Netherlands. I. *Sarcodon* P. Karst. *In Fungus* 26: 44-60.

1957

- Nogmaals Hydnums gevraagd. *In Coolia* 4: 24.
 Mycologisch nieuws 14-15. *In Coolia* 4: 35-36.
 The stipitate Hydnums of the Netherlands. II. *Hydnellum* P. Karst. *In Fungus* 27: 50-71.

1958

- Mycologisch nieuws, 16. *In Coolia* 4: 44.
 Notes on Dutch lichens II. *In Blumea* suppl. 4: 178-187.
 The stipitate Hydnums of the Netherlands. III. *Phellodon* P. Karst. and *Bankera* Coker & Beers ex Pouz. *In Fungus* 28: 48-61.

1959

- Mycologisch nieuws, 17. *Pluteus leoninus* (Schaeff. ex Fr.) Quéf. en zijn dubbelganger. *In Coolia* 6: 3-4.
 Note on *Lecidella carpathica* Körb. *In Blumea* 9: 626-628.
 Sur un *Hydnellum* méconnu. *In Persoonia* 1: 111-114.
 The stipitate Hydnums of the Netherlands-IV. *Auriscalpium* S. F. Gray, *Heridium* Pers. ex S.F. Gray, *Hydnum* L. ex Fr., and *Sistotrema* Fr. em. Donk. *In Persoonia* 1: 115-147.
 Review: Duncan, U. K., A guide to the study of lichens, Arbroath 1959. *In Persoonia* 1: 169.
 Review: Pilát, A. (Ed.), Flora CSR. B. I. Gasteromycetes, Praha 1958. *In Persoonia* 1: 169-171.
 Review: Pilát, A., Nase Houby II, Praha 1959. *In Persoonia* 1: 171.

1960

- Nog eens van Fungus naar Persoonia. *In Coolia* 6: 54-55.
 Een monstrositeit bij *Phallus impudicus*. *In Coolia* 7: 27-28.
 Notes on Hydnums. *In Persoonia* 1: 341-384.

1961

- A *Hydnum* from Kashmir. *In Persoonia* 1: 409-413.
 Determinatietabel en beschrijving van soorten uit de genera *Aleuria* en *Galactinia*. Pp. 47. Mimeographed. Leiden
 Het geslacht *Pustularia* Fuck. in ons land. *In Coolia* 8: 4-7.
 Review: Michael/Hennig, Handbuch für Pilzfreunde. Zweiter Band. Jena 1960. *In Coolia* 8: 22-24.
 Proposal to conserve the generic name *Phyllocharis* Diels (Lobeliaceae). *In Taxon* 10: 246 (with R. C. Bakhuizen van den Brink and C. G. G. J. van Steenis).

1962

- Een illusie minder. *In Coolia* 9: 22-24.
 Bijzondere vondsten, I. *In Coolia* 9: 38-40.
 Nog eens *Melachroia xanthomela* (Pers.) Boud. *In Coolia* 9: 46-47.
 Kartering van Fungi. *In Coolia* 9: 66-67.
 Bijzondere vondsten, II. *In Coolia* 9: 77-78.
 Review: Lange, M., Svampe livet (Rhodos, København. 1961). *In Coolia* 9: 79-80.
 Literatuur voor beginners. *In Natura* 59: 116-117.
 Stilkete piggsopper. En oversikt over slekter og arter som forekommer i Norge.
 Stipitate Hydnums in Norway. A review of genera and species. *In Blyttia* 20:
 122-135 (with F.-E. Eckblad).
 The identity of *Hydnum versipelle* Fr. *In Persoonia* 2: 371-375.
 Hyphal structures in Hydnums. *In Persoonia* 2: 377-405.
 Review: Scripta botanica II, Tartu 1962. *In Persoonia* 2: 419.
 Review: Ciferri, R., Mycoflora domingensis integrata, Pavia 1961. *In Persoonia* 2:
 420.

1963

- A new species of *Sarcodon*. *In Nytt Mag. Bot.* 10: 169-171.
 A correction to: Hyphal structures in Hydnums, *Persoonia* 2, 1962, 377-405. *In*
Persoonia 2: 476.
 On '*Cordyceps capitata*'. *In Persoonia* 2: 477-482.
 Hyphal structures in Hydnums, II. *In Proc. K. Ned. Akad. Wet. (C)* 66: 426-436.
 Hyphal structures in Hydnums, III. *In Proc. K. Ned. Akad. Wet. (C)* 66: 437-446.
 Hyphal structures in Hydnums, IV. *In Proc. K. Ned. Akad. Wet. (C)* 66: 447-457.

1964

- On some white-spored Geoglossaceae. *In Persoonia* 3: 81-96.
 Index Fungus, vols. 21-28. Amsterdam: 1-28.
 De Fungi van Nederland. I. Geoglossaceae — Aardtongen. *In Wet. Meded. K. Ned.*
natuurh. Ver. 52: 1-24.
 The *Hydnellum aurantiacum* complex. *In Proc. K. Ned. Akad. Wet. (C)* 67: 144-156.
 Notes on Hydnums-II. *In Persoonia* 3: 155-192.
 Onderzoekingen over Hydnums. *In Jaarb. Versl. Meded. K. Ned. bot. Ver.* 1963
 [publ. 1964]: 55.
 Verslag van een botanische verzamelreis naar India in 1964. Pp. 11. Mimeographed.
 Leiden.

1965

- Einiges über *Neogyromitra caroliana*. *In Proc. K. Ned. Akad. Wet. (C)* 68: 128-134.
 Geoglossaceae of India and adjacent countries. *In Persoonia* 4: 19-46.
 Paddestoelen en Kevers. *In Coolia* 12: 20-22.

1966

- Notes on Hydnums, III. *In Proc. K. Ned. Akad. Wet. (C)* **69**: 24-36.
 On *Helvella platypus* DC. *In Proc. K. Ned. Akad. Wet. (C)* **69**: 191-203.
 Notes on Hydnums, IV. *In Proc. K. Ned. Akad. Wet. (C)* **69**: 317-333.
 Obituary. Pieter Groenhart (1894-1965). *In Persoonia* **4**: 69-71.
Sarcoleotia platypus (DC. ex Pers.) Maas G. *In Coolia* **12**: 44-47.
 Review: Smith, A. H. & Zeller, S. M., A preliminary account of the North American species of *Rhizopogon*, *Memoirs of the New York Botanical Garden* **14**, 1966.
In Persoonia **4**: 352-353.

1967

- Notes on Hydnums, V. *In Proc. K. Ned. Akad. Wet. (C)* **70**: 50-60.
 Notes on Hydnums, VI. *In Proc. K. Ned. Akad. Wet. (C)* **70**: 61-72.
 Quelques champignons hydroïdes du Congo. *In Bull. Jard. bot. nat. Belg.* **27**: 77-107.
 Studies in Cup-fungi-I. *In Persoonia* **4**: 417-425.
 De Fungi van Nederland. II. Pezizales — deel 1 — Discinaceae, Helvellaceae, Morchellaceae, Pezizaceae, Rhizinaceae. *In Wet. Meded. K. Ned. natuurh. Ver.* **69**: 1-72.
 Notes on Hydnums-VII. *In Persoonia* **5**: 1-14.

1968

- Ein zweiter Fundort von *Thuemenella britannica*. *In Westf. Pilzbr.* **7**: 1-3.
 Een zeldzame Pyrenomycet. [*Camarops polysperma*] *In Coolia* **13**: 121-123.
 Gestielte, oder doch wenigstens huttragende, europäische Stachelpilze. Pp. 20. Mimeographed. Leiden.
 De lange weg. [*Peziza alpina* sensu Oudemans] *In Gorteria* **4**: 98-100.
 Een nieuwe bewoner van de duinen. [*Bovista limosa* Rostr.] *In Coolia* **14**: 6-7.
 Review: M. A. Rifai, The Australasian Pezizales in the Herbarium of the Royal Botanic Gardens Kew. 1968. *In Taxon* **17**: 725-726.
 Review: Dennis, R. W. G., British Ascomycetes, Lehre 1968. *In Persoonia* **5**: 207-208
 Review: Arx, J. A. von, Pilzkunde, Lehre 1967. *In Persoonia* **5**: 208.
 Review: Mushroom Science VI, Wageningen 1967. *In Persoonia* **5**: 209.
 Review: Fidalgo, O. & Fidalgo, M. E. P. K., Dicionário micológico, Rickia supl. 2, 1967. *In Persoonia* **5**: 209.

1969

- Notes on Hydnums, VIII. *In Proc. K. Ned. Akad. Wet. (C)* **72**: 213-221.
 Studies in Cup-fungi, II. *In Proc. K. Ned. Akad. Wet. (C)* **72**: 311-321.
 De Fungi van Nederland. II. Pezizales — deel 2 - Ascobolaceae, Humariaceae, Pyronemataceae, Sarcoscyphaceae, Thelebolaceae. *In Wet. Meded. K. Ned natuurh. Ver.* **80**: 1-84.

The genus *Sarcodon* in Sweden in the light of recent investigations. *In Svensk bot. Tidskr.* **63**: 401-440 (with J. A. Nannfeldt).

1970

A short note on *Mycorrhaphium insulare* (Pat.) Maas G. *In Biologia* **15**: 11-12 (with S. Ahmad).

A propos d'un *Cristella* de la république Centrafricaine. *In Cah. Maboké* **8**: 27-31.
Hydnum s.l. *In Flore icon. Champ. Congo* **17**: 325-331.

Review: Corner, E. J. H., A monograph of *Thelephora* (Basidiomycetes), Beihefte Nova Hedwigia 27, 1968. *In Persoonia* **6**: 167.

Review: Mushroom Science VII, Wageningen 1968. *In Persoonia* **6**: 167-168.

Pezizale aanvulligen. *In Coolia* **14**: 121-122.

Helvella macropus met wrattige sporen. *In Coolia* **14**: 151-152.

Wat in het vat is.... *In Coolia* **14**: 152.

1971

De Nederlandse *Tulostoma*-soorten. *In Gorteria* **5**: 189-193.

Hydnaceous fungi of the eastern Old World. *In Verh. K. Ned. Akad. Wet., Afd. Natuurk.* II, **60**: 1-176.

Review: Talbot, P. H. B., Principles of fungal taxonomy, 1971. *In Persoonia* **6**: 382.

Reviews: Henderson, D. M., Orton, P. D. & Watling, R., Introduction. *In British Fungus Flora*, Edinburgh 1969. — Watling, R. Boletaceae: Gomphidiaceae: Paxillaceae. *In British Fungus Flora* 1, Edinburgh 1970. *In Persoonia* **6**: 292-293.

Review: Webster, J., Introduction to fungi, Cambridge 1970. *In Persoonia* **6**: 293-294.

Gasteromyceten van Nederland. Een determinatietabel tot de soorten der Phallales, Lycoperdales, Tulostomatales, Sclerodermatales en Nidulariales. *In Coolia* **15**: 49-92.

1972

Een kaartindex op Coolia. *In Coolia* **15**: 100.

Een nieuwe stekelzwam voor ons land. *In Coolia* **15**: 144-145.

Spathularia and *Spathulariopsis*. *In Proc. K. Ned. Akad. Wet. (C)* **75**: 243-255.

1973

Eine neue *Discina* aus der Schweiz. *In Proc. K. Ned. Akad. Wet. (C)* **76**: 101-108 (with J. Breitenbach).

Dr. M. A. Donk, his life and work. *In Persoonia* **7**: 119-126.

Coolia onder de loep. *In Coolia* **16**: 21-27.

1974

- Studies in the genera *Irpex* and *Steccherinum*. *In* *Persoonia* **7**: 443-591.
La typification de l'*Hydnellum concrescens*. *In* *Bull. Soc. linn. Lyon* **43** (Num. spéc., Trav. mycol. éd. R. Kühner): 241-243.
Notes on Hydnums, IX. *In* *Proc. K. Ned. Akad. Wet. (C)* **77**: 215-227.
A handful of South American Hydnums. *In* *Proc. K. Ned. Akad. Wet. (C)* **77**: 228-238.
Verzorging van paddestoelen. *In* *Natura* **71**: 125-126.
A response to Dr. K. A. Harrison. *In* *Mycologia* **66**: 868-876.
Hydnaceous fungi of the eastern Old World. Supplement. *In* *Proc. K. Ned. Akad. Wet. (C)* **77**: 477-495.

1975

- Die terrestrischen Stachelpilze Europas (The terrestrial Hydnums of Europe). *In* *Verh. K. Ned. Akad. Wet., Afd. Natuurk. II*, **65**: 1-127.
Observations sur quelques champignons hydnoïdes de l'Afrique. *In* *Persoonia* **8**: 145-165 (with P. Lanquetin).
Corrections. *In* *Persoonia* **8**: 166.
A new *Clavicornia*. *In* *Persoonia* **8**: 213-215.
Melastiza flavorubens found in the Netherlands. *In* *Persoonia* **8**: 215-217.



(Photo Ruth van Crevel, 1972)

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