

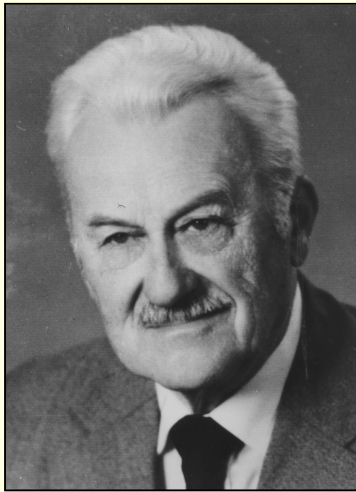
PROFESSOR DR HJALMAR UGGLA (1908-1983)

Outstanding nature, soil and forestry scientist

FOUNDER AND HEAD OF THE DEPARTMENT OF SOIL SCIENCE

MOST SIGNIFICANT FACTS OF THE LIFE OF PROFESSOR HJALMAR UGGLA

17.03.1908 – Hjalmar Fryderyk Karol Ugglą was born in a family of intellectuals in Warsaw
1927 – graduated Grammar School of Tadeusz Rejtan in Warsaw
1927-1933 – studied at Forestry Faculty of Warsaw Main School of Agriculture (now: Warsaw University of Life Sciences – SGGW)
1929-1935 – assistant at the Department of Soil Science of SGGW
1935-1939 – inspector of soil and land classification in various regions of Poland (Stolin, Wloclawek)
1940-1945 – worker at the Central Silk Research Station in Milanówek near Warsaw (office worker, manager of the mulberry plantation, manager of the research farm Żółwin
1945-1947 – senior assistant at the Department of Soil Science of SGGW
1946-1950 – assistant professor at Higher Agricultural School in Łódź
1947-1950 – assistant professor at the Department of Soil Science of SGGW
1949 – awarded the Master of Science degree in Agriculture at SGGW
1950 – defended doctor's thesis „Soil-site studies in experimental forests in Rogowo” under supervision of prof. Arkadiusz Musierowicz at SGGW
1950 – Transferred to Olsztyn – founder of the Department of Soil Science at a newly established Higher Agricultural School
1950-1973 – head of the Department of Soil Science at Higher Agricultural School in Olsztyn
1950-1954 – assistant professor at the Department of Soil Science at Higher Agricultural School in Olsztyn
1951-1953 – vice-dean of the Faculty of Agriculture at Higher Agricultural School in Olsztyn
1951-1954 – lecturer at the Faculty of Forestry at SGGW
1954 – awarded docent – associate professor title
1958 – awarded a professor title
1958-1961 – inspector at the Office of Establishment and Measurement of Forests in Olsztyn
1959-1962 – vice-rector at Higher Agricultural School in Olsztyn
1960 – co-founder of the Faculty of Geodesy and Agricultural Land Arrangement, later the Faculty of Geodesy and Land Management
1967 – awarded a full (distinguished) professor title
1969-1972 – dean of the Department of Agriculture
1969-1972 – president of the Scientific Board of the Institute of Applied Biology at Higher Agricultural School in Olsztyn
1970-1972 – head of the Institute of Soil Science and Water Reclamation
1973-1975 – head of the Sub-department of Soil Science and Soil Protection
1978 – retired
13.03.1983 – Professor Hjalmar Ugglą died in Olsztyn



CO-FOUNDER OF OLSZTYN ALMA MATER; PROMINENT INVESTIGATOR OF FOREST AND ORGANIC SOILS INCLUDING GYTJA SOILS; FIRST DESCRIBED THE LUVISOLS AND QUATERNARY RENDZINAS; MEMBER OF SCIENTIFIC COMMITTEES OF POLISH ACADEMY OF SCIENCES: SOIL SCIENCE, AGRICULTURAL CHEMISTRY AND FORESTRY; MEMBER OF EDITORIAL BOARDS OF ROCZNIKI GLEBOZNAWCZE – SOIL SCIENCE ANNUALS AND POLISH JOURNAL OF SOIL SCIENCE

His research work concerned the origin and classification of soils, soil erosion, soil fertility, soil protection and soil cartography. During his scientific work, prof. Ugglą paid special attention to forest soils as he completed the Faculty of Forestry. Organic soils were an important part of his work, especially gytja soils (soils formed from lake-bottom sediments). He was the first in Poland who described and evaluated these soils. He is the author of over 130 scientific papers, including first after-war monography of the soils of the Mazurian Lakeland and important elaborations for agriculture and forestry. Many Professor's papers are pioneer and contribute to the recognition of the soil cover of north-eastern Poland. Professor Ugglą and his co-workers also prepared a work on "Areas of the north-eastern Poland threatened with water erosion". Prof. Ugglą was the supervisor of 11 PhD theses and ca. 200 diploma theses (engineer and master of science theses), and five of his students were awarded an associate professor degree.

He was an active member of the International Society of Soil Science and a founder of the Olsztyn Branch of the Polish Society of Soil Science in 1951, a first Polish scientific society at Higher Agricultural School in Olsztyn. He was an active member of Polish Society of Forestry and Polish Society of Botany. Professor's achievements are well known among the scientists in Poland and abroad. Numerous students of agriculture, forestry, geography and other faculties are still using the books he authored. Professor Ugglą wrote several academic books, including the first in Poland forest soil science hand-book. His "Gleboznawstwo rolnicze – Agricultural soil science" had 4 editions in the State Scientific Publishing House in Warsaw.

LIST OF THE MOST SIGNIFICANT PAPERS OF PROFESSOR H. UGGLA

- Ugglą H. 1934. Przyczynek do biocenozy lasu sosnowego [Contribution to the biocenosis of pine forest]. Polska Akademia Umiejętności, Kraków
- Ugglą H. 1939. Gleby i laki doliny rzeki Horyń w świetle klasyfikacji gruntów [Soils and grasslands of Horyn river valley in the light of land classification]. Pomiar i klasyfikacja gruntów. Kataster gruntowy. Warszawa: 19-41.
- Ugglą H. 1939. Charakterystyka lasów Polesia w związku z klasyfikacją gruntów [Characteristics of the forests of Polesie in connection with land classification]. Pomiar i klasyfikacja gruntów. Kataster gruntowy. Warszawa: 41-52.
- Ugglą H. 1956. Ogólna charakterystyka gleb Pojezierza Mazurskiego [General characteristic of the soils of the Mazurian Lakeland]. Zeszyty Naukowe WSR w Olsztynie 1: 15-54.
- Ugglą H., Witek T. 1958. Czarne ziemie Kietrzyńskie [The black earths of the Kietzyn area]. Zeszyty Naukowe WSR w Olsztynie 3: 69-108.
- Ugglą H., Lazar J., Mirowski Z., Nożyński A., Rytelowski J. 1958. Gleby gospodarstwa doświadczalnego Posorty WSR w Olsztynie [Soils of the experimental farm Posorty in Olsztyn]. Zeszyty Naukowe WSR w Olsztynie 8: 23-59.
- Ugglą H. 1960. Wpływ korzeni na zmiany morfologiczne profilu gleby leśnej [Influence of the roots on the morphology of forest soil profile]. Folia Forestalia Polonica, Seria A, 4: 117-138.
- Ugglą H. 1962. Z badań nad brunatnymi glebami leśnymi Pojezierza Mazurskiego [From the research on forest brown soils of Mazurian Lakeland]. Folia Forestalia Polonica, Seria A, 8: 173-184.
- Ugglą H. 1964. Wpływ zlewni na powstawanie i niektóre właściwości osadów jeziorowych [The influence of the drainage area on the formation and some properties of the lake sediments]. Zeszyty Naukowe WSR w Olsztynie 17(355): 645-654.
- Ugglą H. 1964. Erläuterungen zum Vorschlag der Systematik der hydromorphen Böden. Roczniki Gleboznawcze 14, Supplement: 225-248.
- Ugglą H. 1964. Gytjaböden in Nordpolen. Transactions of the 8th International Congress of Soil Science, Bucharest, Romania, Vol. 5: 619-633.
- Ugglą H., Piascik H. 1964. Untersuchungen über Winderosion mittels des „Deflameters“. Transactions of the 8th International Congress of Soil Science, Bucharest, Romania, Vol. 6: 679-690.
- Ugglą H., Mirowski Z., Piascik H., Rytelowski J. 1964. Dunkle humose Böden der Sandergebiete. Roczniki Gleboznawcze 14, Supplement: 259-276.
- Ugglą H. 1967. Über die Torf- und Gytjammurschböden Polens. Wissenschaftliche Zeitschrift der Universität Rostok, 16: 105-115.
- Ugglą H., Mirowski Z., Nożyński A., Grabarczyk S., Rytelowski J., Solarski H. 1967. Proces erozji wodnej na terenach pagórkowatych północno-wschodniej części Polski. [The process of water erosion in the landscape of hills of north-eastern Poland]. Roczniki Gleboznawcze 18(2): 415-447.
- Ugglą H. 1968. Über einige Eigenschaften des Humus in Kieferwaldböden. Roczniki Gleboznawcze. 19, Supplement: 133-147.
- Ugglą H. 1968. Bagienne i murszowe gleby gytwiwiska Gazwa [Bog and mull soils of the gytja moorland at Gazwa]. Roczniki Gleboznawcze 18(2): 369-414.
- Ugglą H., Mirowski Z. 1968. Einfluss der Murschprozesse auf die Eigenschaften der Humusstoffe in Gytjaböden. Roczniki Gleboznawcze 19, Supplement: 149-161.
- Ugglą H. 1969. Gleby gytwiowe Pojezierza Mazurskiego. I. Ogólna charakterystyka gleb gytwiowo-bagiennych i gytwiowo-murszowych [Gytja soils of the Masurian Lakeland. I. General characteristic of gytja-bog and gytja-muck soils]. Zeszyty Naukowe WSR w Olsztynie 25: 563-582.
- Ugglą H. 1969. Gleby gytwiowe Pojezierza Mazurskiego. II. Właściwości fizyczne, chemiczne i biologiczne gleb gytwiowo-bagiennych i gytwiowo-murszowych [Gytja soils of the Masurian Lakeland. II. Physical, chemical and biological properties of gytja-bog and gytja-muck soils]. Zeszyty Naukowe WSR w Olsztynie 25: 583-606.
- Ugglą H., Piascik H., Wocławek T. 1969. Gleby leśnego rezerwatu florystycznego „Grzędy” [The soils of forest floristic reserve „Grzędy”]. Zeszyty Naukowe WSR w Olsztynie 25: 749-767.
- Ugglą H. 1971. Charakterystyka gytii i gleb gytwiowych Pojezierza Mazurskiego w świetle dotychczasowych badań Katedry Gleboznawstwa WSR w Olsztynie [Characteristics of gytja and gytja soils of Mazurian Lakeland in light of hitherto investigations of the Chair of Pedology, College of Agriculture in Olsztyn]. Zeszyty Problemy Postępow. Nauk Rolniczych 107: 14-25.
- Ugglą H., Rog Z., Wocławek T. 1972. Micromorphology of gytja muck soil of Jawty Maie. Zeszyty Problemy Postępow. Nauk Rolniczych 123: 481-489.
- Ugglą H., Wocławek T. 1974. Dynamika obychsiania, szimania i smacławiania wódj murşowych pów obrazowanych iz detritnoj gytii. Roczniki Gleboznawcze 25, Supplement: 197-206.
- Ugglą H., Ferczyńska Z., Rog Z. 1974. Böden in verschiedenen Standortverhältnissen. Transactions of the 10th International Congress of Soil Science, VII, Moscow: 228-238.
- Ugglą H. 1976. „Rendziny” Pojezierza Mazurskiego [Rendzinas in the Mazurian Lakeland]. Roczniki Gleboznawcze 27(2): 113-125.
- Ugglą H. 1976. Ważniejsze problemy ochrony gleb [Some major problems of soil protection]. Zeszyty Naukowe ART w Olsztynie, Geodezja i Urządzenia Rolne 5: 115-126.
- Ugglą H., Ferczyńska Z., Rog Z., Wojcik H. 1978. Z badań nad próchnicą leśną gleb bieloziemnych w fałsistym mikrokrainie Pojezierza Mazurskiego [From the research on forest humus of Podzol soils in rolling micro-landscape of Mazurian Lakeland]. Roczniki Gleboznawcze 29(2): 13-29.
- Ugglą H., Ugglą Z., Rog Z. 1986. Pararendziny Suwalskiego Parku Krajobrazowego [Pararendzinas of Suwałki Landscape Park]. Acta Academiae Agriculturae ac Technicae Olstenensis, Geodaesia et Ruris Regulatio 16: 45-60.



1960. Prof. Ugglą is giving lecture at inauguration ceremony of academic year



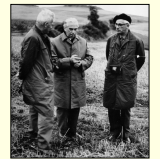
1960. Board of University Sports Association of Poland – local branch in Olsztyn. In the middle: Prof. Ugglą (vice-chairman) and Prof. W. Wawrzyczek (chairman).



1960. Professor Ugglą is honoured with the Knight Cross of Polonia Restituta Order



1962. Opening ceremony of academic year from the left professors: T. Mlynek, P. Olszewski, H. Karnicka, W. Wawrzyczek, H. Ugglą, M. Koter, D. Wanic



1962. Professors: H. Ugglą, E. Mückenhausen (Germany) and B. Dobrzański in the environs of Olsztyn



1964. Prof. Ugglą is giving presentation at scientific conference on soil erosion in Olsztyn



1969. Ceremony of Professor's 40 years of work. From the left: H. Piascik, B. Polakowski, S. Miklosz-Wisniewska, H. Ugglą, H. Roszko, T. Wocławek



From the left professors: S. Borowiec, F. Kuznicki, H. Ugglą



1970. Conference of Polish Society of Soil Science in Kraków (Cracow). In the middle professors: T. Komornicki (with an exercise-book), H. Ugglą, F. Kuznicki and K. Konecka-Betley

A man of Swedish descent Polish patriot by choice the Righteous among the Nations



Since the beginning of German occupation, engineer Hjalmar Ugglą was active in the resistance movement, first in the ranks of the Union for Armed Struggle, and then in the Underground Home Army (Armia Krajowa). He took part in sabotage actions and air drops. Using the documents of his Swedish origin issued by the Legation of the Kingdom of Sweden in Warsaw and his flighty in German, has repeatedly intervened in the occupation authorities on the release of arrested members of the resistance movement and others. For this purpose, he would even go to the Gestapo headquarters at Szucha Avenue in Warsaw. After the suppression of the Warsaw Uprising in 1944 at his home in Milanówek he was hiding the refugees from the burning Warsaw. Among them were civilians, rescued soldiers, Jews and nuns. At the end of 1944 at the home of Ugglą family as many as 50 people found shelter.

At the request of one of the survivors – Cass Lewart – the Yad Vashem Institute in Jerusalem honored Professor Ugglą and his wife Ludwika Ugglą with the title “the Righteous Among the Nations” on 6th May 2007. Handing the medal and diploma of honor took place in Warsaw on 16th December 2007. The ceremony was attended by Ludwika Ugglą and Professor's children: Andrzej Nils Ugglą, Jan Ugglą, Elżbieta Malewski, Anna Karin Gajewska and Zbigniew Ugglą



Photograph from the ceremony. Third from the left: Mrs Ludwika Ugglą, next to: Cass Lewart. (fot. A. Hayder)

TUTOR OF MANY GENERATIONS OF SOIL SCIENTISTS; KNIGHT OFFICER CROSS (1974) AND COMMANDOR CROSS (2008) OF POLONIA RESTITUTA ORDER

THE LIST OF STUDENT BOOKS AUTHORED BY PROF. H. UGGLA

- Ugglą H. 1955, 1957. Gleboznawstwo leśne z zarysem geologii, mineralogii i petrografii [Forest soil science with the basis of geology, mineralogy and petrography]. PWRiL, Warszawa.
- Ugglą H. 1965. Gleboznawstwo leśne szczegółowe [Detailed forest soil science]. PWRiL, Warszawa.
- Musierowicz A., Ugglą H. 1964, 1967. Gleboznawstwo leśne ogólne [General forest soil science]. PWRiL, Warszawa.
- Ugglą H. 1976, 1979, 1981, 1983. Gleboznawstwo rolnicze [Agricultural soil science]. PWN, Warszawa.
- Ugglą H., Ugglą Z. 1979. Gleboznawstwo leśne [Forest soil science]. PWRiL, Warszawa.