



The remarkable journey of the Swedish botanist Vivi Laurent-Täckholm

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Abstract:

This year 2023 marks one hundred and twenty five years since the birth of Vivi Laurent-Täckholm, a Swedish botanist and children's book writer, and a global star who came to Egypt in the first half of the 20th century and she established the Herbarium at Cairo University with other colleagues. She was a professor of botany at Cairo University who authored a distinctive flora book, *Flora of Egypt*. She also wrote a series of popular science works on the plants and the history of Egypt. This grand old woman had been closely associated with the Cairo University for over 50 years, some 32 years as a professor of botany in the Herbarium. She was recognized and respected not only as the 'dean of Egyptian botany', but appreciated by all the researchers who knew her as one of those rare scientist-scholars who is completely selfless. She helped countless students and investigators both in Egypt and abroad by giving freely of her vast experience and deep knowledge on all matters Egyptian, motivated only by a sincere hope that a more carefully planned research project could be launched, or if a project was near completion, that a more mature complete interpretation could be achieved. With the passing of Vivi Laurent-Täckholm, who died in Stockholm on 3 May 1978, at the age of 80, biological sciences in general and Egyptian botanical science in particular, have suffered a great loss. A brief overview of her life reveals that Vivi Täckholm was a very unconventional woman by reviewing her achievement during her life-long journey.

Key Words: Archaeobotany, Cairo University, Flora, Herbarium, Taxonomy.

Introduction

Family

Vivi Laurent-Täckholm (7 January 1898–3 May 1978) was born in 1898 in Djursholm. She was the daughter of the doctor Vilhelm Edvard Laurent (1865-1923), and his wife Lilly Bergstrand (1868-1944). The Laurent family first lived in Djursholm but moved in October 1900 to Vasagatan. Social issues were a common interest for the parents, and both had close contact with public education and municipal politics. Particularly within students and workers, an organization that had been founded by Edvard Laurent in order to resolve class divisions. Her mother had gained her academic training at Uppsala University where she had been the first woman enrolled in the



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Västmanland-Dala student society. She had three brothers (Bertil, Torbern, and Arne) and three sisters (Sonja, Maj Sonja, and Gavonne Britt), and aunt to Torvard C. Laurent (Professor Emeritus of Medical and Physiological Chemistry at the University of Uppsala). She had worked as a teacher before she got married.

Her first journey was to the USA from 1921 to 1923, where she spent a year. She worked as a house cleaner, a nursemaid, and a decorator as she traveled from the East Coast to the West Coast. When she returned to Sweden, she published a book entitled *Vivi's resa* in 1923, which contains the comprehensive, humorous, and illustrated letters that she had written to her parents during her travels. It became a bestseller and was subsequently translated into many languages. She got a position in the editorial department of *Nordisk familjeboks naturvet* [Nordic family book's naturalist] from 1923-1926, and as temporary contributor from 1931-1933. Also, she worked as a journalist for various Swedish newspapers from 1923-1925 in *Aftonbladet och Dagens Nyheter* [Aftonbladet and Today's

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newspaper], and 1931 in Stockholms-Tidningen [The Stockholm Times]. In addition, she edited for children's magazine 'Galejan' from 1925-1926, and her first and perhaps best-known children's book, *Boken om Snipp, Snapp, Snorum* in 1926. She gave also lectures on different subjects; lecturer at MPK [The Defense Education Association] in 1924, and the Folk bildnings förbundet [Association for free public education] in 1932.

On 21 September 1926, she married Gunnar Wilhelm Täckholm (1891-1933), a docent at Stockholm University, who fulfilled his Ph.D. thesis on the cytology of roses. Gunnar was a Professor of Botany to the Egyptian University in Cairo (founded in 1908) in September 1925 in a Department of Botany in the newly established Faculty of Science. For the next three years, Vivi soon got involved in her husband's work at the Botany Department and the couple followed each other in their work. Their main task was to build up the botanical department and satisfied the need for a book on Egyptian flora. Their actual specialization was cytology and embryology and they had no previous experience with the plants of the Orient, but had good knowledge of the Swedish flora. In addition to helping her husband with all of the administrative tasks for the department; which was located in the Za'afaran Palace's (former harem building at Ain Shams University), Vivi also provided practical botany training to students studying medicine, pharmacy, and dentistry.

Gunnar Täckholm resigned from his professorship in 1929 and the couple left Cairo. Vivi traveled to Geneva, where she worked with experts and literature searching as well as studying plants in herbaria, while Gunnar initially lived alone in Stockholm. In 1930, he resumed his teaching position as a lecturer at Kungsholmen's higher general education system. The available archival material has very little to say about the act. A breakup was underway, but it did not go as far as divorce. The couple did not have any children and Gunnar died after a period of illness from tuberculosis in 1933.

When Gunnar Täckholm had left Cairo for health reasons, his wife continued contact with Egypt. Early on, she told her mother the plan to continue the excerpts and thus the project on the flora of Egypt began. She also gradually specialized in interpreting the finds of animal remains from ancient Egyptian tombs. During the war years in Sweden, Vivi worked in the Flora of Egypt as a part, as writer in the daily and weekly press, and as being a housewife. In addition, she was the initiator and leader who carried a lot of responsibility for Tysta Hjälp [Silent Help, 1941-1945], and a national organization that supplied the neighboring Nordic countries with necessities such as food and money during the war. She set also the Blomsterklubben [The flower club, 1942 – 1953], an association that cultivated and sold potted plants, and which eventually listed more than 100,000 members.

Education and Academic Attainment

Vivi was raised in the spirit of the Whitlockska School from 1904-1916, where students were taught to work independently and develop their individual talents. She was enrolled at Stockholm University on 31 August 1916 till 1921 and her studies began with Botany. As a child, she accompanied her father on botanical excursions. The studies in Botany yielded the highest grade in her bachelor's degree, where she was involved in an embryological examination of a representative of the Gesneriaceae family, which was largely unexplored.

Between 1926-1929, Vivi and Gunnar crossed Egypt during excursions to explore the country and collect plants with the aim of setting up an Egyptian herbarium. The Botanical Department is therefore credited with the preparation of the work for the Flora of Egypt. On February 1, 1929, they included 20,000 sheets with approx. 800 (out of 1100) species from all parts of Egypt. They usually pressed approximately two sheets of each of the selected species. Gunnar Täckholm set up a general

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herbarium and made contact with Gunnar Samuelsson at the National Museum for the exchange of Plants. As a base, for a non-Egyptian herbarium, 300 sheets of Scandinavian plants were acquired in December 1928. By 1972, the collections had grown to approximately 25,000 plants.

Vivi processed the Egyptian plants and compared them plant by plant with the equivalents in various European herbaria: Geneva, Berlin Dahlem, London, Weimar and Stockholm. An important supporter was Gunnar Samuelsson, professor of Botany in Stockholm, an expert on the flora of the Middle East. Vivi had regular correspondence with him from 1931-1939 during periods when she was not in Stockholm.

During 1929 and 1930, she spent 18 months at the Boissier Herbarium in Geneva and at the same time worked out the foundations for the Flora of Egypt. Robert Chodat, professor of Systematic Botany in Geneva, was a great support to her.

From Geneva, the journey went to Berlin-Dahlem, where the extensive collections of Georg Schweinfurth were located in the Botanical Museum.

The vast collections of Egyptian plants at Kew and the British Museum London were a third destination during the preparation period. Vivi had the opportunity to study Milne-Redhead's collections from Sinai and Palestine. In July 1935, she stayed at Kew, and visited the Linnean Society. Her studies during the 1930s also included Hausknecht Herbarium in Weimar with Professor J. Bornmüller as a supervisor of the Egyptian collection.

From February 1938, Vivi was connected to universities in Cairo, and from 1946 she was a permanent resident in Cairo. She was called in 1938 as a teacher to the Fouad University in Cairo, but returned in 1939 to Sweden due to the war, where she remained until 1946. Later, she took up a position as a visiting professor and in 1947-1948 she worked at Farouk University (now Alexandria University).

Having been appointed honorary doctor from Stockholm University in 1952 (Degree equivalent to D.Sc.), she was then given the title of visiting professor at Cairo University. After that, she was permanently attached to Cairo University, where she oversaw the building of the department and the Herbarium with both the botanical collections and a very extensive library. The position as visiting professor felt safe, especially when there was concern at the department because such a post can never be applied for by an Egyptian. Her scientific work mainly consisted actively in teaching students, as well as, supporting doctoral students in their work.

Her ambition was to create a modern and well-equipped institution for botanical studies and during her lifetime, it came to be considered the best in Africa and the Middle East. In 1964, Vivi Täckholm was the first woman and first Swedish, to be elected as a member of the prestigious Institut d'Égypte in Cairo, an academy of sciences, which had been founded by Napoleon. She was later awarded several official distinctions by the Egyptian state in recognition of her botanical work. Täckholm established a herbarium, which became the largest in Africa with about 100,000 plants from around the world, especially from Egypt, Lebanon, Arabia and Sudan.

Her ambition and sphere of interest extended far beyond the known flora; she began the work by describing the wild, cultivated, and imported plants of Egypt, as well as, grave plants which she considered from botanical, ethnological, mythological and language historical aspects.

Thanks to her Swedish contacts, the Agricultural Academy in Stockholm sent a 700 kg literature library, and Gustaf VI Adolf of Sweden financed the purchase of foreign literature. SIDA (the Swedish International Development Cooperation) donated a microfilm collection of more than half a

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million pages of books and herbarium specimens. Wallenberg Foundation at the University of Stockholm, was also able to build up a laboratory for pollen analysis. During Täckholm's time, the Botany Department had about 20 professors, other teachers, and over 2,000 students.

The standard author abbreviation “Täckh.” is currently used to indicate this person as the author when citing a botanical name; sixty-six plants are named after vivi Täckholm.

Honors and Awards of Täckholm

The appreciation she received in various places brought with it a series of awards. After the war, she was awarded a Medal from the Norwegian (Medal of Norwegian King Haakon VII, 1946) and Finnish (Medal of Marshal of Finland Mannerheim, 1946) governments for her insights. In 1952, Stockholm University conferred upon her an honorary doctorate and a member of the prestigious Institut d'Égypte in Cairo, an Academy of Sciences, which had been founded by Napoleon. In 1964, she was still the only woman out of 50 scientists. The Egyptian government bestowed her with high order decorations on her 60th and 70th birthdays. She received the Medal Order of the Republic 4th size in 1958, The Medal of Egypt's President Nasser in 1968, and The Medal Order of Merit 1st size in 1972. Informally, she was honored by the Swedish UN battalions in Cyprus and the Middle East. In 1958, they handed her a sword, while in 1972 she received the Illis Quorum, 8th size Medal and the Vasa Order, and in 1977 the Seraphim Order. On her deathbed, she was honored by the Royal Swedish Academy of Sciences with the gold Linnaeus Medal for her pioneering research. The highlight of her life came in 1978, when she was invited to a royal dinner on the 9th of March at the castle.

In commemoration of Vivi Täckholm, the Faculty of Science Board, Cairo University, approved to be on with publishing the series “Publications from Cairo University Herbarium” (after volumes 7 & 8, 1977) under the name “Taeckholmia”, identified as a periodical publishing contributions to systematic Botany and Flora of the Middle East region.

In May 2019, the Swedish Embassy in Cairo opened the Vivi Täckholm Sustainable Garden at the ambassador's residence. In honor of Täckholm, and in appreciation of her efforts in preserving ancient Egyptian plants, the embassy collaborated with Cairo University to plant 13 of such specimens in the garden named after her.

While he was inviting Täckholm's students to cut the ribbon to open the garden, Mr. Jan Thesleff said, “As one of the pioneering figures of sustainability, the Swedish botanist, who devoted her life for studying Egyptian plants and preserving ancient herbal materials, inspired us to establish this garden in cooperation with her students—who are now professors at Cairo University.”

“Of course, we are famous for business brands, but we also have a global star like Vivi Täckholm who came to Egypt in the first half of the 20th century. She established the Botanical Institute at Cairo University and published her magnum opus on the Flora of Egypt,” the ambassador added.

To honor her legacy, a memorial garden of traditional Egyptian medicinal herbs was inaugurated at the Swedish Embassy in Cairo by the Swedish ambassador Mr. Håkan Emsgård on April 3rd 2023, which marked the 125th anniversary of Täckholm's birth. The garden and linked exhibition were inspired by Täckholm's work and aim to promote knowledge about traditional Egyptian medicine and its ancient roots. The garden contains many herbs and plants that were historically used in Egypt for their medicinal value and are still used today. The initiative to create an Egyptian-Swedish garden in her name was a fitting tribute to Professor Täckholm's life and work.

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She was also gifted with an exceptional and gentle personality. Her significance for Botany in the Middle East, and particularly Egypt, is still acclaimed in Egypt where there is not only a library, but also a herbarium at Cairo University named after her. All who knew her well or slightly, agree that they are better off, even enriched, by having associated with her. Her smile, bright eyes, fluffy snow-white hair, generosity and readiness to help will be remembered warmly by many. Those who had the pleasure of visiting her at her apartment at (3 El Girgawi Street, Dokki) will also recall her gracious hospitality.

Indeed, she was attributed with saying 'she could live without food, but not without flowers.' Täckholm died on the third of May 1978 in Stockholm during a visit to Sweden and is buried in the Laurent family grave in the old Cemetery at Uppsala. On the grave a stone from Sinai, on which the information about her has been engraved. However, the greatest legacy of Vivi is the tradition of love for work and scholarship that she gifted to her many students and associates.

Commemorative work on Vivi Täckholm

Several Commemorative works about Vivi Täckholm (Table 1) have been accomplished during her life (Boulos, 1972, Kassas, 1977) and following her death in 1978 and sustained until 2018 (Birgitta and Birgitta, 2018 and Arnborg, 2018).

Table 1. Commemorative work on Vivi Täckholm

Ehn, Birgitta & Ljung, Birgitta (1978). Vivi Täckholm och sagan om Snipp Snapp Snorum. In Swedish [Vivi Täckholm and the tale of Snipp Snapp Snorum]. Stockholm: Institutionen för blocksvenska, 37 bl., [20] pl.-bl.
Arnborg B. (2008). Professor Vivi: den sagolika botanisten, Stockholm: Atlantis, 317 pp. [Professor Vivi: the fabulous botanist].
Arnborg B. (2008). Professor Vivi - the fabulous botanist [Audio recording]/Forest, Kia (narrator/narrator). Published: Enskede: TPB, 2008. Swedish 1 CD-R (14 hrs. 46 min.), Speech book.

Publications

In addition to several shorter, research publications, Vivi Täckholm edited numerous popular and semi popular books. In these works, her supreme knowledge of Egypt, as well as, her deep love for plants, Egypt, and the Egyptian people is apparent. A complete list of publications is represented in table (2) and table (3).

According to “World Cat Identities”, Vivi Tackholm's has 148 works in 443 publications in 6 languages and 1,174 library holdings. Her roles include Author, Other, Creator, Honoree, Author of introduction, contributor, author of afterword, colophon, etc., responsible party, editor, publishing director, and other works.

Table 2. Vivi Täckholm's publications.

Date	Publications
1919	Några studier över Stockholmstraktens adventivflora. <i>Svensk Botanisk Tidskrift</i> 13: 255-294. In Swedish, [Some studies on the adventive flora of the Stockholm region].
1920	Sex veckors vildmarksliv. In Swedish [Six weeks of wilderness life]. Included in the journal of The Swedish Tourist Association's annual report. [202]-223. Stocholm: Foren.
1923	Zur Entwicklungsgeschichte von <i>Corytoloma cyclophyllum</i> Dus. n.sp. ined. <i>Svensk Bot. Tidskr.</i> 17(2): 165-174. In German [On the history of the development of <i>Corytoloma cyclophyllum</i> Dus. n.sp. ined.].
1923	Vivi's resa, Vol 1. Ett år som piga från New York till San Francisco. In Swedish [Vivi's journey. Vol 1. From New York to San Francisco]. Stockholm: Wahlström and Widstrand, 199 pp. Translated into German by Nora Feichtinger, Vivis Reise: Ein Jahr als Dienstmädchen in Amerika, die Abenteuer einer schwedischen Studentin. [Bd.1], Von New York bis Yellowstone. 1925. Gotha xiv, 194 pp.
1924	Vivi's resa, Vol. 2. från Saltsjöstaden till Pacifikens stränder. In Swedish [Vivi's journey. Vol 2. A year as a maid from Salt Lake City to the shores of the Pacific]. Stockholm: Wahlström and Widstrand, 164 pp. Translated into German by Nora Feichtinger, Vivis Reise: Ein Jahr als Dienstmädchen in Amerika, die Abenteuer einer schwedischen Studentin. Bd. 2, Von der Stadt am Salzsee bis zum Strande des Stillen Ozeans. 1926. Gotha [3], 165 pp. *Both volumes are translated also into Finnish, Norwegian, Danish and Dutch.
1925	När studenten räckte arbetaren handen: minnen från en svunnen tid med anledning av dagens diskussionsämne (with The Association of Students and Workers) Included in: Idun magazine published 1888-1963. In Swedish [When the student reached out to the worker: memories of a bygone era due to today's topic of discussion]. Stockholm: Idun (Årg.38: Nr. 21), 591pp. Ungdomstidningar och ungdom?. Svenska Dagbladet, 5 November 1925.
1925-1926	Galejan: tidning för barn och ungdom. In Swedish [Galejan: newspaper for children and young people]. Stockholm : Aftonbladets tr.
1926	Sagan om Snipp. Snapp, Snorum. In Swedish [The tale of Snipp. Snapp, Snorum]. (with 17 color plates and 17 drawings by Eva Andersson). Serie: Bundna böcker [Series: Bound books], Stockholm: Åhlén & Åkerlund, 72 pp.; Reprinted in 1957 under Serie: Tidens children's room library; ed. 2, 1970, 70, [1] p.; 1969; 1976; 1985.
1927	En skolflicka berättar. In Swedish [A school girl tells]. Stockholm: Åhlén & Åkerlund, 141 pp.
1932	Some new plants from Sinai and Egypt. <i>Svensk Botanisk Tidskrift</i> 26 (1-2): 370-380.
1932-1933	Bibliographical notes to the flora of Egypt. Reprinted from Festschrift Verner Söderberg p.193- 207, additional notes i-ii pages, (Stockholm, 1932).

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1935	In Memoriam Robert Chodat (6. 4. 1865 - 29 4. 1934). <i>Svensk Botanisk Tidskrift</i> 29: 148-152.
1936	Katt: en kärlekssaga berättad och tecknad. In Swedish [Cat. A Love Story told and drawn, about unhappy relationship]. Stockholm: Natur och Kultur, 194 pp.
1937	Som Husmor I Egypten. In Swedish [As a housewife in Egypt]. Stockholm: Natur och Kultur, 149 pp. Translated to Dutch and published in Leiden 1838. A.W Sijthoff's Uitgeversmaatschappij. N.V.
1938	A revision of the Milne-Redhead Sinai herbarium <i>Feddes Repertorium</i> Beiheft C: 50-52. A short note on some ancient Egyptian plants. <i>The Horticultural Review</i> 26 (99): 2-6. History of Botanical Researches in Egypt. <i>The Horticultural Review</i> 26 (99): 7-11. On some desert plants and their adaptations. <i>The Horticultural Review</i> 26 (99): 13-17. On the flora of the waterways in Egypt. <i>The Horticultural Review</i> 26 (99): 17-23. A spring visit to Mariut. <i>The Horticultural Review</i> 26 (99): 23-26.
1939	A note on the plants found in Tanis. <i>The Horticultural Review</i> 27(101): 12-13. The drug plants of the Sinai Peninsula. <i>The Horticultural Review</i> 27 (101): 22-23.
1940	A mummy coffin in the Egyptian Museum Stockholm and its plant remains. <i>Svensk Botanisk Tidskrift</i> 34(2): 141-161.
1941	Flora of Egypt, vol.1, Pteridophyta, Gymnospermae and Angiospermae, Monocotyledones: Typhaceae – Gramineae. (With Gunnar Täckholm and Mohammed Drar). <i>Bull. Fac. Sci. Fouad Univ.</i> 17: 1-574. A mummy coffin in the Egyptian Museum Stockholm and its remains. <i>The Horticultural Review</i> 27 (104): 2-7.

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1942	<p>Some new Egyptian plants. <i>Svensk Botanisk Tidskrift</i> 36 (2-3): 243-261 (with M. Drar)</p> <p>Prinsessans Fyrväppling Guldslottet-Barnens Julbok 44: 71-83. Stockholm: Ahlén och Akerlunds Forlag. In Swedish [The Princess's Quadruped, The Golden Castle-Children's Christmas Book].</p> <p>Bättre än Svarta Börsen. In Swedish [Better than the Black Stock Exchange: Vivi tells how she lives well and truly on the coupons]. Serie: Husmoderns Bibliotek (The recipe of Capucine. Illustration by Gunila Stierngranat), Stockholm: Ahlén och Akerlunds Förlag, 96 pp.</p>
1943	<p>Allt dubbelt så gott: Vivi berättar om hur vi kan göra all kristidsmaten läcker genom extra piff och extra knep. Antikvariat Citron (With Hildur Johansson and Capucine; the drawings by Elisabeth Kugelberg). In Swedish [Everything twice as good: Vivi talks about how we can make all the Christmas food delicious through extra flair and extra tricks]. Serie: Husmoderns bibliotek, Stockholm: Åhlén & Åkerlund, 94 pp., [2] s.</p> <p>Växternas Underbara liv. Del. IV - Växter från främmande världsdelar (With Berglind Henrik; Severin Schiöler; and Birger Lindell). In Swedish [The Wonderful Life of Plants. Part IV. Plants from foreign continents]. Stockholm: Natur och Kultur, 191 pp.</p>
1944	<p>Hemmet Blommar: en liten handbok i krukväxtodling. (with Saima Stenlid). In Swedish [The Home in Bloom: a small handbook in potted plant cultivation]. Serie: Husmoderns blomsterklubb [Husmodern's flower club]. Stockholm: Åhlén & Åkerlund, 189 pp., [8] pl.-bl., new edition 1945: 189, [3] p., [8] pl.-p.</p>
1945	<p>Gott bröd och nya kakor: Praktisk handbok i bakning med närmare 400 speciellt utprovade, läckra recept. In Swedish [Good bread and new cakes: Practical handbook in baking with nearly 400 specially tested, delicious recipes] Serie: Husmoderns bibliotek [Housewife's Library]. Stockholm: Åhlén & Åkerlund, [8], 128, xvj s., s.129-212, [4] s.</p>
1946-1947	<p>Husmoderns Blomsterlexikon: en uppslagsbok för Hemmet och täppans prydnadsväxter 1 (A-K): 1-235 (1946, with Albert Bonnier), 2 (L-Ö): 236-524 (1947, with Saima Stenlid). In Swedish [The Housewife's Flower Lexicon: a reference book for the ornamental plants of the home and the terrace - part 2. L-Ö]. Serie: Husmodern's flower club. Stockholm: Ahlén & Åkerlund.</p>
1950	<p>Flora of Egypt, vol. 2, Angiospermae, Monocotyledones: Cyperaceae – Juncaceae. (With Mohammed Drar). <i>Bull. Fac. Sci. Fouad Univ.</i> 28: 1-XII, 1-547 & 17 Arabic Summary.</p>

	<p>Les Plantes découvertes dans les sousterrains de l'enceinte du Roi Zoser à Saqqarah (IIIrd Dynastie) <i>Bulletin de l'Institut égyptien</i> 32: 121-157, pl 1-9 (with J.-P Lauer and E Åberg).</p>
1951	<p>The plant of Naqada. <i>Annals du Service des Antiquités de L'Égypte</i> 51: 299-312.</p> <p>Faraos blomster. En kulturhistorisk-botanisk skildring av livet i Gamla Egypten byggd på verklighetens grundval och med bilder från de sista årens grävningar. In Swedish [Pharaoh's flowers. A cultural-historical-botanical depiction of life in Ancient Egypt built on the basis of reality and with images from the excavations of the last years]. Stockholm: Natur och Kultur, 297 pp., with numerous illustrations; ed. 2: 1964, 308 pp.; Pocket ed. by Stockholm: Generalstabens Litografiska Anstalts Förlag, 307 pp; ed. 3:1969, 307 pp.; ed. 4: 1976, 307 pp.</p>
1952	<p>Vivi Laurent-Täckholm: Pharaoh's flowers: A cultural-historical-botanical depiction of life in ancient Egypt based on reality with images from last year's excavations. Danish translation of Pharaoh's flowers. by V. and B. Fabricius. Copenhagen: Natur og kultur dansk forlag, [8], 298 pp.</p>
1953	<p>Vivi Laurent-Täckholm: Pharaoh's flowers. : A cultural-historical-botanical depiction of life in Ancient Egypt based on reality and with images from recent years' excavations. Norwegian translation of Pharaoh's Flowers by Peter Bendow. Oslo</p>
1954	<p>Flora of Egypt, vol. 3, Angiospermae, Monocotyledones: Liliaceae-Musaceae, (with Mohammed Drar). <i>Bull. Fac. Sci. Cairo Univ.</i> 30: 1-XII, 644 & 1-2 Arabic summary.</p> <p>The wood reserves of Egypt in the Near East, Symposium sur la Protection de la Nature dans le Proche-Orient, UNESCO. Beyrouth, 6 pp.</p>
1956	<p>Students' Flora of Egypt, ed.1. Cairo: Anglo-Egyptian Bookshop, 649 pp. [2] p., 9 pl.-bl. (with Vernacular names by Mohammed Drar; illustrations by Ahmed A. Abdel Fadeel.</p> <p>Report on the botanical excursion of the Desert Institute to the Red Sea coast and the two Galalas in Spring 1956. <i>Bulletin Institut Désert Egypte</i> 6: 1-27.</p> <p>När var tar sin (with Dagmar Berg, author; Vivi processor). In Swedish [When where takes it]. Norrköping: Sörlin, 244 pp., [1] s.</p>

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1961	<p>Botanical identification of the plants found at the Monastery of Phoebammon Le Monastère de Phoebammon dans la Thébaïde 3. <i>Société d'Archéologie Copte</i> 1:36, pl. 1-12., 71 pp.</p> <p>Pharaonic Wheat. <i>Egyptian Tourism Journal</i> 59: 15-20.</p>
1964	Egypten i närbild. In Swedish [Egypt in close view]. Stockholm: Generalstabens Litografiska Anstalt, 291 pp., with numerous illustrations. 2 nd edition (1971)
1965	Faraos barn; Kopterna I Egypten. In Swedish [Pharaoh's children; Copts in Egypt]. Stockholm: Generalstabens litografiska anstalt, 192 pp., with numerous illustrations.
1966	Egyptisk vardag. In Swedish [Egyptian everyday life]. Stockholm: Generalstabens litografiska anstalt, 221 pp., with numerous illustrations.
1967	Levande forntid. Strövtag i Kairomuseet. In Swedish [Living antiquity sightseeing in the Cairo Museum]. ed. 1. Stockholm: Generalstabens Litografiska Anstalt, 267 pp., [2] maps. ed.2: 1976, 267 pp., [2] maps.
1968	Einige neue Arten der Gattung <i>Geranium</i> in der Vereinigten Arabischen Republik (Ägypten) (with J. Chrtek). In German [Some new species of the genus <i>Geranium</i> in the United Arab Republic (Egypt)]. <i>Preslia</i> 40: 139-142.
1969	<p>Mohammed Drar in Memoriam. <i>Bull. Fac. Sci. Cairo Univ.</i> 36: 3-10.</p> <p>Flora of Egypt, vol. 4, Angiospermae, Monocotyledones: Zingiberaceae - Orchidaceae, Dicotyledones: Casuarinaceae – Piperaceae, (with Mohammed Drar). <i>Bull. Fac. Sci. Cairo Univ.</i> 36: 11-427.</p> <p>Alfred Kaiser's Sinai-Herbarium. <i>Publications from Cairo University Herbarium</i> 2: 1-181</p> <p>Öknens blommor. In Swedish [The desert is blooming/in flower]. Stockholm: Generalstabens Litografiska Anstalts Förlag. [7], 151 pp., [1] p., 44 colour plates. New ed., 1976.</p>
1970	A botanic expedition to the Sudan in 1938. Edited after author's death with introductory notes by Vivi Täckholm. <i>Publications from Cairo University Herbarium</i> 3: 1- 113 (with M. Drar).

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	Obituary notice on Elhamy Greiss (1896-1966). <i>Bulletin de l'Institut égyptien</i> 50: 75- 80.
1971	<p>Besök I Alexandria Ute och hemma 9-11. In Swedish [Visit Alexandria at home and abroad].</p> <p>Progress in the preparation of the flora of Egypt. <i>Mitteilungen der Botanischen Staatssammlung München</i> 10: 17-18.</p> <p>Sagens minareter: en bok om islam. In Swedish [The minarets of the saga: a book about Islam]. Stockholm: Generalstabens Litografiska Anstalt, 319 pp., [6] pl.-bl. numerous illustrations; ed.2: 1985, Stockholm : Esselte maps, cop.</p>
1973	Julpost: 50 år (with Folke Liberg and Paija Smidt). In Swedish [Christmas post: 50 years], 53 pp.
1974	<p>Students' Flora of Egypt, ed. 2. Beirut. 888 pp., 292 plates with c. 600 line drawings, 16 plates and 64 colour photos.</p> <p>Supplementary notes to Students' Flora of Egypt (With Loutfy Boulos). <i>Publications from Cairo University Herbarium</i> 5: 1-135, 16 plates.</p>
1974- 1975	Lustgården i gamla Egypten. In swedish [The garden in ancient Egypt]. In: Gösta Adelswärd (ed.), <i>Lustgården 1974-1975. Årgång 55 – 56 föreningen för dendrologi och parkvård</i> , with illustrations, 16-20.
1975	The contribution of Rohlf's expedition to the botany of the Libyan desert. <i>Ann. Geological survey Egypt</i> 5: 43-45.
1976	<p>Progress in the preparation of the flora of Egypt. <i>Boissiera</i> 24: 527</p> <p>Ancient Egypt, landscape, flora and agriculture in The Nile, biology of an ancient river. In: J. Rzóška (ed.), <i>The Nile Biology of an Ancient River</i>, p. 51-68. Dr. W. Junk B.V. Publishers The Hague.</p> <p>Lillans resa till månen: en saga för stora och små. (Photos by Veronica Leo). In Swedish [Lillans travel to the moon, fairy tales for young and old]. Stockholm: Generalstabens Litografiska Anstat, Manufactured: Trelleborg: Allehanda 122 pp.</p>

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	Flora, in Lexicon der Ägyptologie 10. In Swedish [Flora, in Lexicon of Egyptology]. Verlag Otto Harassowitz, Wiesbaden, 267-275.
1978	Våra hav: en bok för stora och små (Drawing by Veronica Leo). In Swedish [Our Seas. A book for young and old]. Stockholm: Generalstabens Litografiska Anstalts Förlag, Manufactured: Trelleborg : Allehanda, 92, [2]p.
1980	Egypten. In Swedish [Egypt] (new edition, reworked: Christina Söderling-Brydolf, photo: Kay Honkanen) Serie: Semester Stockholm: Generalstabens Litografiska Anstalts. Manufactured: Trelleborg: Allehanda, 443 pp., [4] maps.
1994	Katalog över Egyptiska museets botaniska utställning (1938). (with Bengt Peterson, Anta Thorsen and Stefan Hilding). In Swedish [Catalog of the Egyptian Museum's botanical exhibition (1938)]. Stockholm: Medelhavsmuseet [The Mediterranean Museum], 34 pp.

Table 3. Audio recording and braille books edited by Vivi Täckholm.

Date	Publications
2003	Sagans minareter [Sagan's minarets], Audio recording, a book about Islam Ödman, Nils-Erik (narrator/reader) Published: Enskede : TPB, 2003 Swedish 1 CD-R (8 hrs., 19 min.)
2006	Lillans resa till månen [Lillan's journey to the moon], Audio recording Tirén, Ing-Marie (narrator/reader) Published: Enskede: TPB, 2006 Swedish 1 CD-R (2 hrs., 26 min.) Speech (Speech book) Children/youth Våra hav [Our seas] Audio recording, Lundborg, Birgitta (narrator/narrator) Published: Enskede : TPB, 2006 Swedish 1 CD-R (2 hrs., 13 min.) Speech (Speech book) Children/youth
2008	Öknens blommor [The desert blooms] Audio recording Snöborgs, Linda (narrator/reader) Published: Enskede : TPB, 2008 Swedish 1 CD-R (3 hrs., 54 min.) Speech (Speechbook)
2009	Egyptisk vardag [Egyptian everyday life], Audio recording Nordin, Elsa (narrator/reader) Published: Johanneshov : TPB, 2009 Swedish 1 CD-R (5 hrs., 31 min.) Speech (Speech book) Faraos barn [Pharaoh's children], Audio recording, Copts in Egypt

	<p>Smedberg, Greta (narrator/narrator)</p> <p>Published: Johanneshov : TPB, 2009</p> <p>Swedish 1 CD-R (4 hrs., 19 min.)</p> <p>Speech (Speech book)</p> <p>Pharaoh's flower [Audio recording] a cultural-historical-botanical depiction of life in ancient Egypt built on the basis of reality and with images from the excavations of the last years</p> <p>Henning, Tuthsie (narrator/narrator)</p> <p>Published: Johanneshov : TPB, 2009</p> <p>Swedish 1 CD-R (7 hrs., 22 min.)</p> <p>Speech (Speech book)</p>
2016	<p>Växternas underbara liv [The wonderful life of plants] [Braille] descriptions</p> <p>Henrik Berglind and Birger Lindell.</p> <p>Berglind, Henrik (publisher)</p> <p>Lindell, Birger (publisher)</p> <p>Laurent-Täckholm, Vivi (employee)</p> <p>Published: Johanneshov : MTM, 2016</p> <p>Book (tactile) Children/youth</p>

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