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.1Personal Data:

Name: Sami Hussein Abd El-Hadi Rabei.

Date and place of birth: 08, Jan., 1968 - Neketa, El-Mansoura, Egypt.

Nationality: Egyptian.

Marital status: Married + 3 sons and a daughter.

Position: **Associate Professor** (Taxonomy of Flowering Plants)

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II- Academic Degrees:

- **Ph. D. (Jun, 2004)**, Botany (Plant Ecology and Taxonomy), Faculty of Science at Damietta, El Mansoura University, El-Mansoura, Egypt, through a Ph.D. Joint program at the Centre for Plant Diversity and Systematics, School of Plant Sciences, The **University of Reading**, Whiteknights, Reading, Berkshire, RG6 6AS, **UK**).

Title of **Ph. D. Thesis**: “*A morphological, anatomical and taxonomic study of Umbelliferae in Egypt*”

- **M.Sc. (Sept., 1994)**, Eremology (**Desert Science, Plant Ecophysiology**). International Center for Eremology, Faculty of Agricultural and Applied Biological Sciences, University of Ghent, Coupure Links 653, B-9000, Ghent, **BELGIUM**.

Title of M. Sc. Thesis: “*Physiological and anatomical aspects of the water transport in Schefflera arboricola*”.

- **M.Sc. (Dec., 1993)**, **Botany (Plant Ecology)**. Botany Department, Faculty of

Science, El Mansoura University, El-Mansoura, **Egypt**.
Title of M. Sc. Thesis: “*Studies on the ecology and cytology of some species of Asclepiadaceae in Egypt*”.

- **B. Sc. (May, 1989, Very Good Degree)**, Special Botany. Fac. of Sci., Univ. of Mansoura, **Egypt**.

III- Professional Background:

- **Associate Professor** (Plant Taxonomy) (from Jan., 22, 2014 – till now) at Department of Botany, Fac. of Sci. Damietta University, New Damietta, Damietta, Egypt.
- Lecturer (from May, 31, 2011 – Jan, 21, 2014) at Department of Botany, Fac. of Sci. Damietta University, New Damietta, Damietta, Egypt.
- Lecturer (from Feb, 2005 - March, 3 2011) at Department of Biology, Fac. of Sci and Art. at Ziltin, Al-Marqab University (Musrath University from 2009), Libya.
- Lecturer (from 26 Juli 2004) at Department of Botany, Fac. of Sci. at Damietta, New Damietta, Mansoura University, Damietta, Egypt.
- Assistant Lecturer (Dec., 2003 – 25 Juli, 2004) at Department of Botany, Fac. of Sci. at Damietta, New Damietta, Mansoura University, Damietta, Egypt.
- Research and Teaching Assistant (June, 2002 – Dec., 2003) Centre for Plant Diversity and Systematics, School of Plant Sciences, The University of Reading, Whiteknights, Reading, Berkshire, RG6 6AS, UK.
- Assistant Lecturer (June, 24, 1997 - June, 2002) at Department of Botany, Fac. of Sci. at Damietta, New Damietta, Mansoura University, Damietta, Egypt.
- Assistant Lecturer (Aug, 26, 1996 till Mars, 1997) at Department of Biology, Fac. of Sci., UAE University, Al-Ain, United Arab Emirates.
- Research Student (Jan., 1990 - Aug., 1992) at Department of Botany, Faculty of Science, Univ. of Mansoura, Egypt. Beside that I was teaching practical classes for undergraduate students.
- Research Assistant in the project No. 90009 entitled “Revegetation of the Salt Affected Lands of Deltaic Mediterranean Coast, Egypt” under supervision of Prof. Dr. M. A. Zahran. This project is supported by AID and Supreme Council of Egyptian Universities.

IV. Awards:

- Scholarship student for 2 years (Sept., 1992 - Oct., 1994) by Belgian Administration for Development Co-operation (ABOS-AGCD) during my study of M.Sc. degree at International Center for Eremology, University of Ghent, Belgium.
- Overseas study for about Two years (start from 10 June 2002) at Centre for Plant Diversity and Systematics, School of Plant Sciences, The University of Reading, Whiteknights, Reading, Berkshire, RG6 6AS, United Kingdom. Supported by

Egyptian Government Mission Department.

V. Experiences:

- Teaching for post-graduate and under-graduate students in the faculty of Science and Education at Damietta University.
- Using Computer software's used in the field of plant taxonomy and identification e.g. DELTA.
- Attendance Intensive Course on Tools for Biodiversity Management, Application of bioinformatics in managing herbaria & seed banks held from April 22 to May 2, 2001 at Mansoura University, Mansoura, EGYPT.. Supported by International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Mediterranean Agronomic Institute of Chania (MAICH) GREECE & Mansoura University, EGYPT
- Attendance the Regional Training Course in Plant Taxonomy held from 5th to 17th December, 1998 at Faculty of Education at El-Arish, Suez Canal University, El-Arish, EGYPT.. Supported by UNEP, EEAA and Suez Canal University.
- Identification of specimens of the Egyptian Flora.
- Preparation of permanent slides from plant specimens for anatomical studies.
- Preparation of plant materials for the examination by electron microscopy (TEM & SEM).
- Using the computer software specially statistical analysis and word processing software as well as Endnote for references manger.
- Vegetation and Soil Analysis (Physical and Chemical Analyses).

VI. References:

- [Prof. Dr. Hassna Hossni](#) , Prof. of Plant Taxonomy. Botany Department, Faculty of Science, Cairo University, Egypt. h.hosni@yahoo.com
- [Prof. Dr. Mary E. Barkworth](#), Intermountain Herbarium (UTC), Utah State University Department of Biology 5305 Old Main Hill, Utah 84322-5305, U.S.A. mary.barkworth@usu.edu
- [Prof. Dr. Stephen L. Jury](#), Senior Research Fellow & Herbarium Curator, Centre for Plant Diversity and Systematics, School of Plant Sciences, The University of Reading, Whiteknights, Reading, Berkshire, RG6 6AS, United Kingdom. s.l.jury@reading.ac.uk

VII. Membership

- International Association for Plant Taxonomy (IAPT) Membership 2019 – till now.

Publications

Hasan, S. A., [Rabei](#), S. H., Nada, R. M. and Abogadallah, G. M. (**in press**) **online 2020**
The complementary role of root and leaf PIP1 and PIP2 aquaporins drives the anisohydric behavior in *Helinathus annuus* L. [Environmental and Experimental Botany](#),182,104314, Elsevier

Rabei, Sami H; El Gamal, Ibrahim A; Nada, Reham M; **2020** Effect of Genetic Diversity on the Distribution of Endemic Species of the Genus *Silene* (Caryophyllaceae) in Saint Katherine Protectorate, Sinai, Egypt. *Plant Molecular Biology Reporter*,1-12, Springer US

Rabei, Sami H; Serag, Mamdouh S; Abdallah, Wesam MH; Nada, Reham M; **2020** The impact of different habitats on some C3 and C4 species of poaceae growing in Nile delta. *Scientific Journal for Damietta Faculty of Science*. 10(1)13 – 20.

Rabei, S. H; Nada, Reham M; EL Gamal, I. A. **2020**. Studies on five *Silene* Taxa in Saint Catherine Protectorate, South Sinai, Egypt. *Jordan Journal of Biological Sciences*, 13(1): 59-67.

Barkworth , Mary E. and **Rabei**, S. H. **2019**. (2728) Proposal to conserve the name *Datura innoxia* (Solanaceae) with that spelling. *Taxon*, 68 (6): 1363 – 1371.

Rabei, S. H; Khedr, A.A.; EL Gamal, I. A. **2019**. *Clinopodium serpyllifolium* subsp. *barbatum* (Lamiaceae) and *Datura ferox*, (Solanaceae) new records for the flora of Egypt. *Egypt. J. Bot.* Vol. 59, No.1, pp. 233 - 239. DOI: [10.21608/ejbo.2018.5470.1222](https://doi.org/10.21608/ejbo.2018.5470.1222).

Rabei, S. H; Khedr, A.A.; EL Gamal, I. A. **2018**. *Clinopodium serpyllifolium* subsp. *barbatum* (Lamiaceae) and *Datura ferox*, (Solanaceae) new records for the flora of Egypt. October 2018, Conference: 8th International Conference On Plant And Microbial Biotechnology (ICP MB). Faculty of Science , Kafr Elsheikh University, Egypt.

Hasan, S. A., **Rabei**, S. H., Nada, R. M. and Abogadallah, G. M. **2017**. Water use efficiency in the drought-stressed sorghum and maize in relation to expression of aquaporin genes. *Biologia Plantarum*, 61: 127-137.

Rabei, S. H; Nada, Reham M; EL Gamal, I. A. **2016**. Bio-systematic study on the endemic *Silene oreosinaica* Chowdhuri from Sinai, Egypt. *Scientific Journal for Damietta Faculty of Science*. 6 (2): 183-188.

SA, Hasan; Rabei, SH; Nada, RM; Abogadallah, GM; **2015** ",Maintenance of the water use efficiency in the drought-stressed Sorghum bicolor L. as compared to *Zea mays* L. in relation to differential expression of aquaporin genes,*Scientific Journal for Damietta Faculty of Science*,4,2,55-76.

Abo El-Naga, A.Z.; **Rabei**, S; Khedr, A.A.; Al-Shubany, F. **2014**. Pollen Morphology of Aizoaceae in Egypt. *Scientific Journal for Damietta Faculty of Science*. 3(2):133-139.

Khedr, AA, **Rabei** S., and El-Werfalyi AM. **2014**.Vegetation types of Lake Buroillos sand bar and their role in the lake development. *African J. Biol. Sci.*10(1): 111-121.

Baka, Z.A.M. and **Rabei**, S. **2013**. Morphology of uredinia and urediniospores of seven

Puccinia species attacking Poaceae in Egypt. Egyptian J. of Botany 3rd int. con. 17-18 April, Helwan Uni., Egypt. 407 - 421

Khedr, AA; Serag, MS; **Rabei, S**; Doma, A. **2013** Effects of Water Level and Nutrients on Growth and Chemical Composition of Two Wetland Sedges in the Nile Delta. *Scientific Journal for Damietta Faculty of Science*. 2(1):55-62.

Shamso, E, **Rabei, S**, Hamdy, R. **2013**. Identification keys and numerical studies of Zygophyllaceae (s. str.) and allied families in Egypt. *Assiut Univ. J. of Botany*. 42(2): 79-106.

Rabei, S.; Rizk, **R. M.** and Khedr, **A. A.** **2013**. Keys for and Morphological Character Variation in Some Egyptian Cultivars of Cucurbitaceae. *Genetic resource and crop evolution*. 60 (4): 1353-1364.

Rabei, S. and Abdel Khalik, K. **2012**. Conventional keys for Convolvulaceae in the flora of Egypt. *Flora Mediterranean*. 22:45-62.

Rabei, S.; Saad, W.; Rizk, **R. M.** and El Sharabasy, S. F. **2012**. Morphometric Taxonomy Of Date Palm Diversity Growing In Egypt. *Egypt. J. Bot.* 2nd International conference, 29- 30 April, Minia Univ., pp. 175 - 189.

El-Gazzar, A.; **Rabei, S.H.**; Aboel Atta, A.I.: Kamel, E.A.: Loutfy, M.H.A. and Shalabi, L.F. **2008**. Computer-generated Keys to the Flora of Egypt. 2. The Chenopodiaceae. *Taeckholmia*. 28: 209-225.

El-Gazzar, A; **Rabei, S.** **2008**. Taxonomic assessment of five numerical methods and its implications on the classification of *Hyptis* s.l. (Labiatae). *International Journal of Botany* 4: 85–92.

Rabei, S; El-Gazzar, A. **2007**. Computer-generated Keys to Species of *Hyptis* s.l. (Labiatae). *Taeckholmia*. 27: 11-39

Published Books:

Rabei, S. **2011**. A morphological, anatomical and taxonomic study of Umbelliferae in Egypt. LAP Lambert Academic Publishing. ISBN 978-3-8443-1121-1, paperback, 364 Pages.

Rabei, S. **2011**. Water Transport in *Schefflera arboricola*: Physiological and Anatomical Aspects. LAP Lambert Academic Publishing. ISBN 978-3-8443-8198-6, paperback, 156 Pages