

CURRICULUM VITAE

Name: Sebsebe Demissew

Position: Professor

Nationality: Ethiopian

Date of Birth: [REDACTED] 1953

Sex: Male

Marital Status: Married

Address

National Herbarium of Ethiopia, Department of Plant Biology and Biodiversity Management,
College of Natural Sciences, Addis Ababa University, P.O. Box 3434, Addis Ababa,
Ethiopia.

Telephone: [REDACTED];

Fax: [REDACTED]
[REDACTED]



Education

B Sc. in General Biology, Biology Department, Science Faculty, Addis Ababa University,
Addis Ababa, Ethiopia, 1977.

M Sc. in Botany with emphasis in ecology and taxonomy from the Biology Department,
Science Faculty, Addis Ababa University, Addis Ababa, Ethiopia, 1980.

Ph.D. in Systematic Botany from the Institute of Systematic Botany, Uppsala University,
Uppsala, Sweden, 1985.

Languages

- English: reading, writing and speaking – excellent
- Amharic: reading, writing and speaking – excellent (National language)
- Gurage: reading, writing and speaking – excellent (Local language)
- Swedish: reading – good; writing and speaking – fair

ORCID identifier:0000-0002-0123-9596

Research gate profile: <https://www.google.com/search?q=sebsebe+demissew+>

Scopus profile:

scopus+profilereserach+researchgate+profile&oq=Sebsebe+Demissew++scopus+profilereserach+gate+
&aqs=chrome.4.69i57j33i10i160l4.13763j0j15&sourceid=chrome&ie=UTF-8

Addis Ababa university website:

<https://www.google.com/search?q=sebsebe+demissew+addis+ababa+university+webiste> (aau.edu.et.)

Wikipedia: https://en.wikipedia.org/wiki/Sebsebe_Demissew

E-mail: sebsebe.demissew@aau.edu.et; sebseb.demissew@gmail.com

Employment Record

Employer: Addis Ababa University (from 1977 to present);

Position Held:

- Executive Director of Gullele Botanic Garden (by secondment from AAU) Jan 2017 to June 3, 2019
- Professor of Botany, Since 1998 at the College of Natural and Computational Sciences; Associate Professor/ Assistant Professor/ Lecturer/Assistant Lecturer of Biology Department, Science Faculty (1978 to 1998).
- Dean of the Science Faculty (1996-2000)
- Keeper of the National Herbarium and Leader of the Ethiopian Flora Project (1996 -2010).
- Leader of the Ethiopian Flora Project (later became the Flora of Ethiopia and Eritrea) between 1996 until its successful completion in 2009. This project carried out as a collaborative project between Addis Ababa University, Ethiopia and Uppsala University, Sweden. It was done by coordinating 92 scientists (botanists) from 17 countries (Africa, Australia, Europe and the USA). The project documented over 6000 species of vascular plants with 10% endemism compiled in eight volumes (in ten parts) and published in Addis Ababa.

Countries of (fieldwork) experience

- In Africa: Cameroon, Ethiopia, Ghana, Kenya, Malawi, Namibia, Tanzania, South Africa and Uganda;
- In Asia: Sri Lanka
- In Europe: Denmark, Norway and Sweden
- In the USA: Florida and N. Carolina

Key areas of experience and participation

- **Biodiversity-** Worked over three decades on the documentation of the plant resources of Ethiopia and Eritrea (the Plant diversity both wild and cultivated) including the Indigenous Knowledge on the use of plants by indigenous communities.
- Also participated on Biodiversity studies in other African countries: Usambara in Tanzania; Mefou and Mt. Kupe in Cameroon; Weichaw in Ghana; Cape Region in South Africa and Kibale Forest in Uganda .
- Based on the experience of the Flora of Ethiopia, revised a number of Families for Example Asparagaceae for the Flora of Somalia, Tropical East Africa (Kenya, Tanzania and Uganda) and Flora Zambesiaca (Botswana, Malawi, Zamba and Zimabwe) and Somalia. Also contributed accounts of the Families Celastraceae, Convolvulaceae and Tiliaceae and for the Flora Somalia.

Teaching and Post-graduate Training

- Teaching Angiosperm of Flowering Plants for M.Sc. students, Phylogenetic Systematics, and Biodiversity for Ph.D. students for postgraduate programs in Addis Ababa University.
- Advised over 60 M.Sc. and 30 Ph.D. students in areas of Biodiversity, ethnobotany, and ecology; and currently 6 Ph.D. students (Afroalpine areas, Forests, Woodlands, wetlands, etc.).

Research Projects

- i. Flora of Ethiopia and Eritrea. Co-PI of the project between 1996-2009 in collaboration with the Department of Systematic Botany, University of Uppsala, Sweden. Prof. Sebsebe Demissew served as the Leader of the Project on the Ethiopian part between 1996 until its completion in 2009 with documentation of 6000 species with 600 endemics. The project involved 92 scientists from 17 countries. The project also trained 11 PhD students.
- ii. NUFU –The NUFU Programme – the Norwegian Programme for Development, Research, and Education – supports long-term academic cooperation between institutions of research and higher education in the South and corresponding institutions in Norway. The NUFU support was between 2002-2009. Over seven Ph.D. students and a number of M.Sc. students. Sebsebe Demissew was a Co-Pi of the Project on the Ethiopian side.
- iii. Co-PI of the Yam Project (**Conservation of yams and yam biocultural knowledge in Southwest Ethiopia project**) 2016 -2023 in collaboration with the Royal Botanic Gardens, Kew between Hawassa, Arbaminch and Addis Ababa University. Enset Challenge Project
- iv. Co-PI of the Enset Project 2016-2022 in collaboration with the Royal Botanic Gardens, Kew, UK and Hawassa University, and Ethiopian Biodiversity Institute in Ethiopia.
- v. Speaker for a project “The Mountain Exile Hypothesis: How humans benefited from and re-shaped African high altitude ecosystems during Quaternary climate changes” An interdisciplinary approach for the reconstruction of Quaternary abiotic, biotic and cultural changes in African model highland environments of southern Ethiopia, Sanetti Plateau, Bale Mountains National Park in collaboration with Marburg University and other universities in Germany in the UK supported by the German federal Government (2016-2022).
- vi. Co-PI of the Speciation Clock How fast does the 'speciation clock' tick in selfing versus outcrossing lineages? It is a project in collaboration with Prof. Christian Brochman, the Natural History Museum, the University of Oslo, Norway and partner institutions in Ethiopia, Kenya, Tanzania, and Uganda. Co-PI of the Darwin Initiative “**Developing digital platform for responsible exchange of plant material and data**” - (2020-2023). It is a collaborative project between the Botanical Gardens Conservation International, Ethiopia, and Uganda.

Medals, Honors, and Membership

Medals

- The 2022 Linnean Society of London Medal award in Botany **(for services to science)**,
- Sebsebe's decades of work on the Ethiopian flora have been grounded in respect for, and the preservation of, traditional knowledge. His advocacy for natural history has guided the work of the Intergovernmental Science — Policy Platform on Biodiversity and Ecosystem Services (IPBES). (<https://www.linnean.org/news/2022/04/06/the-linnean-society-of-london-announces-2022-medal-and-award-winners>) (See Annex1).
- In 2021, Professor Sebsebe Demissew was awarded the [Cuatrecasas Medal for Excellence in Tropical Botany](#) by the [Smithsonian National Museum of Natural History](#), USA. In 2021 Demissew was awarded the [Cuatrecasas Medal for Excellence in Tropical Botany](#) by the [Smithsonian National Museum of Natural History](#), USA, for his life's work in conserving and recording the very diverse Ethiopian flora with many [endemic](#) species, and leadership of the Ethiopian Flora Project and the National Herbarium (<https://naturalhistory.si.edu/research/botany/news-andhighlights/Smithsonian-botanical-symposium>). (See Annex 2).
- In 2020, The Accademia Nazionale dei Lincei awarded the 2020 “Prof. Luigi Tartufari” International Prize for Biological Science, *ex aequo* with Professor Stefano GIANNI. (See Annex 3).
- In 2016, [Ethiopia's Prof. Sebsebe Demissew was awarded the prestigious Kew International medal](#) Prof. Sebsebe Demissew, a leading Ethiopian botanical scientist, has been selected to be the recipient of this year's prestigious Kew International Medal. The Medal is an annual award given to individuals for distinguished, internationally-recognized work aligned with the mission of the Royal Botanic Gardens, Kew (RBGK), to be the global resource for plant and fungal knowledge, building an understanding of the world's plants and fungi upon which all our lives depend. (<https://www.kew.org/press-and-media/professor-demissew-kew-international-medal>,

Honorary Degrees

- **In 2022**, Sebsebe Demissew **received an Honorary** degree of Doctor of Science (DSc) from the University of Leicester in recognition of Sebsebe Demissew's contributions to plant science. (<https://www.google.com/search?q=Sebsebe+Demissew+2022+Honoray+degree+from+the+University+of+Leicester+you> tube (See Annex 4).
- In 2002, Sebsebe Demissew became an Honorary Research Fellow of the Royal Botanic Gardens, Kew, UK.

Memberships

- Demissew was elected a [Foreign Member of the Royal Society \(ForMemRS\)](#) in 2018 for “outstanding contributions to research and innovation (<https://royalsociety.org/people/sebsebe-demissew-13808/>) (See Annex 5).

- Fellow of the **Third World Academy of Sciences (TWAS)** in Tianjin, China, from 18 September 2012.
- Member of the **Council of the International Association for Plant Taxonomy** for the period 2011-2017.
- **Fellow & Board Member** of the **Ethiopian Academy of Sciences**, since April 2010 (Board member 2010-2017).
- Elected Fellow of the **Royal Danish Academic of Sciences and Letters** since 10 April 2008.
- Member of the **Regional Working Group on Wetlands within Nile Basin initiative** 2007-2010
- Member of the **Biological Society of Ethiopia** since 1990 and served as President 1996-2000.

Intergovernmental Platform on Biodiversity and Ecosystem Services MEP and Bureau Member

- Served as MEP member twice (2013-2015 and 2016-2018). Co-Chair of MEP in the second term (2016-2018)
- Serves as a Bureau Member representing Africa (2019-2023)

During these periods served as:

- Management Committee for:
 - (2018) Regional Assessment for Africa <http://doi.org/10.5281/zenodo.3236178>
 - (2019) The IPBES Global Assessment of Biodiversity and Ecosystem Services <https://doi.org/10.5281/zenodo.3831673->
 - (2022) Sustainable Use of Wild species of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. <https://doi.org/10.5281/zenodo.6425599>
- Served also as Co-chair of the Capacity Building Task Force.

Contributions to support IPBES objectives

International level

- A panelist in the Royal Botanic Gardens, Kew organized thought leadership event on the 17th of Jan. 2023 on post-COP15 to look at the new Global Biodiversity Framework, how to ensure we maintain momentum and attention on the biodiversity crisis, and to explore how we ensure we bend the curve of biodiversity loss by 2030.

Regional level

- In 2022, Sebsebe Demissew was invited to **participate in the Regional Experts Workshop of CABES (Capacity Development for Biodiversity and Ecosystem Services) October 25 – 27, 2022 in Abidjan, Côte d'Ivoire and made a presentation on “IPBES Functions, Current Development and Use of Products of the Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES)”** (See Annex 6).
- In 2022, Sebsebe Demissew was invited as a plenary speaker on “IPBES Science supporting

policy: challenges and opportunities” to the AETFAT (Association for the Taxonomic Study of the Flora of Tropical Africa Congress) held in Livingstone with theme diversity and conservation of African plants challenges and opportunities. The AETFAT congress addresses floristics, systematics, phytogeography, and conservation of the flora of Africa. The emphasis is on floristics and systematics as this gives the base-line information for any biodiversity research.

National Level

- In 2022, Sebsebe Demissew participated in the production a National Ecosystem of Ethiopia in which he was the lead author on Forest and Woodland Ecosystem (Ethiopian Biodiversity Institute, 2022). (See Annex 7).

List of Publications

Books

1. Friis, I., van Bruegel, P. & Weber & **Sebsebe Demissew** (2022). The Western Woodlands of Ethiopia. *Det Kongelige Danske Videnskabernes Selskab. Biol. Skr.* ca, 700 pages.
2. Wendawek Abebe, Feleke Weldeyes, Firew Abebe, **Sebsebe Demissew** & Paul Wilkin (2021). An Illustrated Guide to the Farmers' varieties of Yams (*Dioscorea* spp.) in Basketo Special Wereda (District) and adjoining Woredas in Gamo and Wolaita Zones, Southern Ethiopia. Addis Ababa University Press. PP: 1-126,
3. Friis, I., **Sebsebe Demissew** & van Bruegel, P. (2010). Atlas of the Potential vegetation of Ethiopia. Royal Danish Academy of Sciences and Letters. *Det Kongelige Danske Videnskabernes Selskab. Biol. Skr.* 58: 1- 307; 29 plates, 41 figures.
4. **Sebsebe Demissew** & Nordal, I. (2010). Aloes and other Lilies of Ethiopia and Eritrea. 2nd Edition. Shama Books, Addis Ababa. 351 pages.
5. Nigist Asfaw & **Sebsebe Demissew** (2009). Aromatic Plants of Ethiopia. Shama Books, Addis Ababa. 258 pages.
6. **Sebsebe Demissew**, Phillip Cribb & Finn Rasmussen (2004). Field Guide to the Ethiopian Orchids. Royal Botanic Gardens, Kew, Richmond Surrey, UK. 300 pages.
7. **Sebsebe Demissew**, Inger Nordal & Odd Stabbetorp (2003): Flowers of Ethiopia and Eritrea: aloes and other lilies. Shama Books, Addis Ababa. 227 pages.
8. Vivero, J.L., Ensermu Kelbessa & **Sebsebe Demissew** (2004). The Red List of Endemic Trees & Shrubs of Ethiopia and Eritrea Vivero, J.L., Ensermu Kelbessa & **Sebsebe Demissew** (2006). The Red List of Endemic Trees & Shrubs of Ethiopia and Eritrea. IUCN/SSC Global Tree Specialist Group.

Selected Scientific articles in Peer Reviewed Journals (since 2016)
from a total of over 250 publications

1. Peter J. Fashinga, Nga Nguyena, **Sebsebe Demissew** , Abel Gizaw, Anagaw Atickem, Addisu Mekonnen, Niina O., Nurmih, Jeffrey T. Kerby, and Nils Chr. Stenseth. Edited by B. Turner, Arizona State University, Tempe, AZ (2022). Ecology, evolution, and conservation of Ethiopia's biodiversity. **PNAS** (Proceedings of the National Academy of Sciences of the United States of America) 2022 Vol. 119 No. 50 e2206635119 received April 22, 2022; accepted October 12, 2022. December 9, 2022. <https://doi.org/10.1073/pnas.2206635119>
2. Alemayehu Kefalew, Teshome Soromessa and **Sebsebe Demissew** (2022). Plant diversity and community analysis of Sele-Nono forest, Southwest Ethiopia: implication for conservation planning. *Botanical Studies* (2022) 63:23. <https://doi.org/10.1186/s40529-022-00353-w>.
3. S. Tamrat, J. S. Borrell, E. Shiferaw, T. Wondimu, S. Kallow , R. M. Davies, J. B. Dickie , G. W. Nuraga , O. White , F. Woldeyes, **S. Demissew** & P. Wilkin (2022). Reproductive biology of wild and domesticated *Ensete ventricosum*: Further evidence for maintenance of sexual reproductive capacity in a vegetatively propagated perennial crop. *Plant Biology* © 2022. Received: 21 June 2021; Accepted: 22 December 2021 doi:10.1111/plb.13390.
4. Liyew Birhanu, Tamrat Bekele, Binyam Tesfaw , **Sebsebe Demissew** (2022). Soil seed bank composition and aboveground vegetation in dry Afromontane forest patches of Northwestern Ethiopia. *Trees. Forest and People* 9(2022) 100292. <https://doi.org/10.1016/j.tfp.2022.100292>.
5. Wakshum Shiferaw, **Sebsebe Demissew**, Tamrat Bekele & Ermias Aynekulu (2022). Community perceptions towards invasion of *Prosopis juliflora*, utilization, and its control options in Afar region, Northeast Ethiopia. *PLoS ONE* 17(1): e0261838. <https://doi.org/10.1371/journal.pone.0261838>. Published: January 25, 2022.
6. Gizachew Woldesenbet Nuraga, Tileye Feyissa, Kassahun Tesfaye, Manosh Kumar Biswas, Trude Schwarzacher, James S. Borrell, Paul Wilkin, **Sebsebe Demissew**, Zerihun Tadele and J.S. (Pat) Heslop-Harrison (2022). The Genetic Diversity of Enset (*Ensete ventricosum*) Landraces Used in Traditional Medicine Is Similar to the Diversity Found in Non-medicinal Landraces. *Front. Plant Sci.* 12: 1-10; 06 January 2022. <https://doi.org/10.3389/fpls.2021.756182>.
7. **Sebsebe Demissew**, Friis, I. & Weber, O. (2021). Diversity and endemism of the flora of Ethiopia and Eritrea: state of knowledge and future perspectives. *Rendiconti Lincei. Scienze Fisiche e Naturali* <https://doi.org/10.1007/s12210-021-01027-8>
8. Mehari Girmay, Ermias Lulekal, Tamrat Bekele and **Sebsebe Demissew** (2021). Use and management practices of medicinal plants in and around mixed woodland vegetation, Tigray Regional State, Northern Ethiopia. **Ethnobotany Research & Applications** 21:43 (2021) - Published: 14/06/2021 <http://dx.doi.org/10.32859/era.21.43.1-26>.

9. Birhanu L, Bekele T, Tesfaw B, **Demissew S** (2021). Relationships between topographic factors, soil and plant communities in a dry Afromontane forest patches of Northwestern Ethiopia. PLoS ONE 16(3): e0247966. <https://doi.org/10.1371/journal.pone.0247966>.
10. Ali Zeynu , Tigist Wondimu & **Sebsebe Demissew** (2021). Herbal medicine used by the community of Koneba district in Afar Regional State, Northeastern Ethiopia.. **African Health Sciences** Vol. 21 No. 1 (2021). <https://doi.org/10.4314/ahs.v21i1.51>
11. Olwen M. Grace, Oscar A. Pérez-Escobar , Eve J. Lucas, Maria S. Vorontsova, Gwilym P. Lewis , Barnaby E. Walker , Lúcia G. Lohmann , Sandra Knapp , Peter Wilkie , Tiina Sarkinen , Iain Darbyshire , Eimear Nic Lughadha , Alexandre Monro , Yannick Woudstra , **Sebsebe Demissew** , A. Muthama Muasya , Sandra Díaz , William J. Baker and Alexandre Antonelli (2021). Opinion Botanical Monography in the Anthropocene. **Trends in Plant Science**, Volume 26, Issue 5: 433-441 May 2021,. <https://doi.org/10.1016/j.tplants.2020.12.018>
12. Monique S. J. Simmonds, Rui Fang, Lilybelle Wyatt, Elizabeth Bell, Bob Allkin, Felix Forest, Rachel Wynberg. Manuela da Silva, Ben Gang Zhang, Jiu Shi Liu, Yao Dong Qi & **Sebsebe Demissew** (2020). Review: Biodiversity and patents: Overview of plants and fungi covered by patents Social Impact Statement. October 2020. **Plants People Planet** 2(5):546-556
DOI: [10.1002/ppp3.10144](https://doi.org/10.1002/ppp3.10144)
13. Thomas Borsch, Walter Berendsohn. Eduardo Dalcin, Maïté Delmas, **Sebsebe Demissew**, Alan Elliott, Peter Fritsch. Anne Fuchs, Dmitry Geltman. Adil Güner. Thomas Haevermans. Sandra Knapp. M. Marianne le Roux, Pierre-André Loizeau, Chuck Miller, James Miller, Joseph T. Miller, Raoul Palese, Alan Paton, John Parnell, Colin Pendry, Hai-Ning Qin, Victoria Sosa, Marc Sosef, Eckhard von Raab-Straube, Fhatani Ranwashe, Lauren Raz, Rashad Salimov, Erik Smets, Barbara Thiers, Wayt Thomas, Melissa Tulig, William Ulate, Visotheary Ung, Mark Watson, Peter Wyse Jackson and Nelson Zamora (2021). World Flora Online: Placing taxonomists at the heart of a definitive and comprehensive global resource on the world's plants. World Flora Online: Placing taxonomists at the heart of a definitive and comprehensive global resource on the world's plants. **Taxon**: Version of Record online:26 November 2020
<https://doi.org/10.1002/tax.12373> World Flora Online: Placing taxonomists at the heart of a definitive and comprehensive global resource on the world's plants First published: 26 November 2020. <https://doi.org/10.1002/tax.12373>.
14. Alan Paton, Alexandre Antonelli , Mark Carine, Rafaela Campostrini Forzza, Nina Davies, Sebsebe Demissew, Gabriele Dröge, Tim Fulcher, Norbert Holstein (2020). Review: Plant and fungal collections: Current status, future perspectives. **Plants People Planet Volume2, Issue 5 Special Issue: Protecting and sustainably using the world's plants and fungi** First published: 29 September 2020 <https://doi.org/10.1002/ppp3.10141>.
15. Alemu Beyene Woldesenbet, **Sebsebe Demissew Wudmatas** , Mekuria Argaw Denboba and Azage Gebreyohannes Gebremariam (2021), Enset-based land use land cover change detection

- and its impact on soil erosion in Meki river watershed, Western Lake Ziway Sub-Basin, Central Rift Valley of Ethiopia. *Environ Syst Res* (2020) 9:37 <https://doi.org/10.1186/s40068-020-00198-x>
16. Manosh Kumar Biswas, Jaypal N. Darbar, James S. Borrell , Mita Bagchi, Dhiman Biswas, Gizachew Woldesenbet Nuraga, **Sebsebe Demissew**, Paul Wilkin, Trude Schwarzacher & J. S. Heslop-Harrison (2020). The landscape of microsatellites in the enset (*Ensete ventricosum*) genome and web-based marker resource development, **Scientific Reports** | (2020) 10:15312 <https://doi.org/10.1038/s41598-020-71984-x>
 17. Kfay Gebrehiwot, Ermias Teferi, Zerihun Woldu, Mekbib Fekadu, Temesgen Desalegn and **Sebsebe Demissew** (2020). Dynamics and drivers of land cover change in the Afroalpine vegetation belt: Abune Yosef mountain range, Northern Ethiopia. *Environment, Development and Sustainability* <https://doi.org/10.1007/s10668-020-01079-0>.
 18. Bachman, S.P., Wilkin, P., Tom Reader, T., Richard Field, R., Weber, O., Nordal, I. & **Sebsebe Demissew** (2020). *Extinction risk and conservation gaps for Aloe (Asphodelaceae) in the Horn of Africa*, **Biodivers Conserv** 29: 77-98.
 19. Friis, I. & **Sebsebe Demissew** (2020). *Terminalia* (Combretaceae) in northern tropical Africa: Priority and typification of *T. schimperiana* and *T. glaucescens*; typification of other synonyms of *T. schimperiana* and of *T. avicennioides*. *TAXON* 69 (3) 1–9. DOI <https://doi.org/10.1002/tax.12181>
 20. Anteneh Belayneh, **Sebsebe Demissew**, Negussie F. Bussa, Daniel Bisrat (2020). Ethno-medicinal and bio-cultural importance of aloes from south and east of the Great Rift Valley floristic regions of Ethiopia. *Heliyon* 6 (2020) e04344. <https://doi.org/10.1016/j.heliyon.2020.e04344>
 21. Alemtshay Teka, Zemedede Asfaw, **Sebsebe Demissew**, Patrick Van Damme (2020). Traditional medicinal plant use of indigenous communities in Gurage Zone, Ethiopia. *Ethnobotany Research & Applications* 19:41 (2020) <http://dx.doi.org/10.32859/era.19.41.1-31>.
 22. Wakshum Shiferaw, Tamrat Bekele, **Sebsebe Demissew** and Ermias Aynekulu (2019). *Prosopis juliflora* invasion and environmental factors on density of soil seed bank in Afar Region, Northeast Ethiopia. *Journal of Ecology and Environment* (2019) 43:41 <https://doi.org/10.1186/s41610-019-0133-4>.
 23. Götz Ossendorf, Alexander R. Groos, Tobias Bromm, Minassie Girma Tekelemariam, Bruno Glaser, Joséphine Lesur, Joachim Schmidt, Naki Akçar, Tamrat Bekele, Alemseged Beldados, **Sebsebe Demissew**, Trhas Hadush Kahsay, Barbara P. Nash, Thomas Nauss, Agazi Negash, Sileshi Nemomissa, Heinz Veit, Ralf Vogelsang, Zerihun Woldu, Wolfgang Zech, Lars Opgenoorth, Georg Miehe (2019). Middle Stone Age foragers resided in high elevations of the glaciated Bale Mountains, Ethiopia. **Science** 365, 583–587.
 24. Meron Awoke Eshetae, Binyam Tesfaw Hailu & **Sebsebe Demissew** (2019). Spatial characterization and distribution modelling of *Ensete ventricosum* (wild and cultivated) in Ethiopia. *GEOCARTO INTERNATIONAL* <https://doi.org/10.1080/10106049.2019.1588392>
 25. James S. Borrell, Manosh K. Biswas, Mark Goodwin, Guy Blomme, Trude Schwarzacher, J. S. (Pat) Heslop-Harrison², Abebe M. Wendawek⁴, Admas Berhanu, Simon Kallow, Steven

- Janssens, Ermias L. Molla Aaron P. Davis, Feleke Woldeyes, Kathy Willis **Sebsebe Demissew** and Paul Wilkin (2019). Enset in Ethiopia: a poorly characterized but resilient starch staple. *Annals of Botany* **123**: 747–766, 2019. doi: 10.1093/aob/mcy214, available online at www.academic.oup.com/aob
26. Gizachew Woldesenbet Nuraga . Tileye Feyissa . Kassahun Tesfaye . **Sebsebe Demissew** . Zerihun Tadele (2019). Phenotypic diversity of enset (*Ensete ventricosum* (Welw.) Cheesman) landraces used in traditional medicine. *Genet Resour Crop Evol* [https://doi.org/10.1007/s10722-019-00832-3\(0123456789\(\).,-volV\)\(01234567](https://doi.org/10.1007/s10722-019-00832-3(0123456789().,-volV)(01234567).
 27. Sandra Díaz, Unai Pascual, Marie Stenseke, Berta Martín-López, Robert T. Watson, Zsolt Molnár, Rosemary Hill, Kai M. A. Chan, Ivar A. Baste, Kate A. Brauman, Stephen Polasky, Andrew Church, Mark Lonsdale, Anne Larigauderie, Paul W. Leadley, Alexander P. E. van Oudenhoven, Felice van der Plaats, Matthias Schröter, Sandra Lavorel, Yildiz Aumeeruddy-Thomas, Elena Bukvareva, Kirsten Davies, **Sebsebe Demissew**, Gunay Erpul, Pierre Failler, Carlos A. Guerra, Chad L. Hewitt, Hans Keune, Sarah Lindley, Yoshihisa Shirayama (2018). Biodiversity and Ecosystems: *Assessing nature's contributions to people*: Recognizing culture, and diverse sources of knowledge, can improve assessments. <http://science.sciencemag.org/> on July 16, 2018
 28. Mesfin Sahle, Osamu Saito, Christine Fuerts, **Sebsebe Demissew** & Kumelachew Yeshitela (2018). Future land use management effects on ecosystem services under different scenarios in the Wabe River catchment of Gurage Mountain chain landscape, Ethiopia. *Sustainability Science* [https://doi.org/10.1007/s11625-018-0585-y\(0\)](https://doi.org/10.1007/s11625-018-0585-y(0)).
 29. Abiyot Berhanu, **Sebsebe Demissew**, Zerihun Woldu, Ib Friis & Paulo van Breugel (2018). Intermediate evergreen Afromontane forest (IAF) in northwestern Ethiopia: observations, description and modelling its potential distribution. *Phytocoenologia* Vol. 48 (2018), Issue 4, 351–367.
 30. Abiyot Berhanu, Zerihun Woldu & **Sebsebe Demissew** (2017). Elevation patterns of woody taxa richness in the evergreen Afromontane vegetation of Ethiopia. *J. For. Res.* (2017) 28(4):787–793.
 31. **Sebsebe Demissew**, Henk Beentje, Martin Cheek & Ib Friis. (2017) Sub-Saharan Botanical Collections: Taxonomic research and impediments. *Scientia Danica (Biol.)* **6**: 97-115.
 32. I. Friis, M.G. Gilbert, O. Weber & **Sebsebe Demissew** (2016). Two distinctive new species of *Commicarpus* (Nyctaginaceae) from gypsum outcrops in eastern Ethiopia. *Kew Bull.* 71, Article 34: 1-19. DOI: 10.1007/S12225-016-9648-3.
 33. Breugel, P. von, Friis, I. & **Sebsebe Demissew** (2016). The transitional semi-evergreen bushland in Ethiopia: characterization and mapping of its distribution using predictive modelling. *Applied Vegetation Science* 19(2): 355–367. DOI: 10.1111/avsc.12220.
 34. P. van Breugel, I. Friis, **Sebsebe Demissew**, Jens-Peter Barnekow Lillesø & Roeland Kindt (2016). Current and Future Fire Regimes and Their Influence on Natural Vegetation in Ethiopia. *Ecosystems* 19: 369–386. DOI: 10.1007/s10021-015-9938-x.
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