Curriculum Vitae

Barış Özüdoğru, PhD

**PERSONAL**

Name : Barış

Surname : Özüdoğru

Gender : Male

Nationality : Turkish Republic

Languages: Turkish (native), English, German (intermediate passive understanding)

Place and Date of Birth : Sivas/Turkey 03 February 1981.

**CONTACT**

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**EDUCATION**

**2009 – 2015 :** PhD; Hacettepe University; Institute for Graduate Studies in Science and Engineering, Ankara, TURKEY.

**2006 – 2009:** MSc; Biology; Hacettepe University; Institute for Graduate Studies in Science and Engineering, Ankara, TURKEY.

**2000 – 2006 :** BSc; Biology Education; Hacettepe University, Ankara, TURKEY.

**EMPLOYMENT**

**2007** –: Research Assistant; Hacettepe University, Faculty of Science, Department of Biology.

**RESEARCH PROJECTS**

**Title:** Revision of the genera *Cytisus* Desf. (Including *Chamaecytisus* Link and *Chronanthus* (DC) Koch) and *Gonocytisus* Spach taxa in Turkey based on morphological, molecular, anatomical, cytological and palynological studies; a biogeographical approach to distribution. The Scientific and Technological Council of Turkey,Project No:**….. Researcher** **(2018 – Ongoing)**.

**Title:** Phylogenetic relationships of *Noccaea* Moench (Brassicaceae) species from high-throughput genomic data. Hacettepe University Scientific Research Center, Project No: FBA-2017-12879. **Principle Investigator**. **(2016 – Ongoing)**.

**Title:** Taxonomical revision and molecular phylogeny of *Scilla* L., *Puschkinia* Salibs and *Prospero* Adams (Asparagaceae). The Scientific and Technological Council of Turkey, , Project No: 116Z573. **Principle Investigator**. **(Completed, 2018)**.

**Title:** Phylogeography of *Noccaea* *iberideae* (Boiss.) Al-Shehbaz & Menke. Hacettepe University Scientific Research Center, Project No: FHD-2016-9727. **Principle Investigator**. **(Completed, 2017)**.

**Title:** Phylogeny of Genus *Noccaea* Moench (Brassicaceae) and Revision of Turkish Taxa Osmangazi University Scientific Research Center, Project No: 201519020 215-681. **Researcher (Completed, 2017).**

**Title :** Phylogeny and phylogeography of the genus *Ricotia* L. (Brasssicaceae). Hacettepe University Scientific Research Center, Project No: 01301704001) **Researcher (Completed, 2016).**

**Title :** Determination of population structure and distribution of *Ricotia* L. (Brassicaceae) taxa growing in Turkey”. (Supported by, Hacettepe University Scientific Research Center, Project No: 011D03601002

**Title** : Determination of Biodiversity of Foça Special Protected Area

**Title :** Ex-Situ Conservation of Endemic Plants of Ankara Province. Project No: TAGEM/TBAD/13/A01/P01/004

**Title:** Effects of disturbance on plant communities of Central Anatolian steppe

**PEER REVIEW PUBLICATIONS**

1. **Özüdoğru, B.,** Yıldırım, H. *Heldreichia bupleurifolia* subsp. *malatyana* (Brassicaceae) : A new Subspecies from Eastern Anatolia. (submitted).
2. **Özüdoğru, B.**, Karacaoğlu, Ç., Akaydın, G.,  Erik, S., Mummenhoff, K. One genus, several stories: diverse biogeographic patterns of *Ricotia*in a complex, underexplored geological and climatic area in Eastern Mediterranean (submitted).
3. Eslami Farouji, A., Khodayari, H., Assadi, M., Çetin, Ö., Mummenhoff, K., **Özüdoğru, B.,** Phylogeny and biogeography of the genus Hesperis (Brassicaceae, tribe Hesperideae) inferred from nuclear ribosomal and chloroplast DNA sequence data. (submitted).
4. Özüdoğru, Ö., **Özüdoğru, B.**, Tavşanoğlu, T. Recovery of a plant community in Central Anatolian Steppe after small-scale disturbances (submitted).
5. Bhattacharya, S., Sperber, K., **Özüdoğru B,** Leubner-Metzger, G., Mummenhoff, K., Naturally-primed life strategy plasticity of dimorphic *Aethionema arabicum* facilitates optimal habitat colonization. *Scientific Reports* (accepted).
6. **Özüdoğru B,** Özgişi K, Tarıkahya-Hacıoğlu B, Ocak A, Mummenhoff K, Al-Shehbaz I (2018) Phylogeny of the genus *Noccaea* Moench (Brassicaceae) and a critical review of its generic circumscription. *Annals of the Missouri Botanical Garden*, 104(3), 339-354.
7. Özçandır, A., Aykurt, C., **Özüdoğru ,B**. (2019) *Ricotia candiriana* (Brassicaceae), a new species from southern Anatolia, Turkey, *Phytotaxa*, 388 (4): 287–294.
8. **Özüdoğru B**., German D. A., (2018) Taxonomic remarks on *Pseudosempervivum* (Brassicaceae)", *Phytotaxa*, vol.383, pp.103-110,
9. Güzel, Y., **Özüdoğru, B**., Kayıkçı, S., Özgişi, K. *Noccaea ali-atahanii* (Brassicaceae): A New Species from South Anatolia. *Turkish Journal of Botany*, 42 (6) (2018).780-789.
10. Eslami Farouji, A., Khodayari, H., Assadi, M., **Özüdoğru, B.,** Çetin, Ö., Mummenhoff, K., Bhattacharya, S. (2018). Numerical taxonomy contributes to delimitation of Iranian and Turkish *HesperisL*. (Brassicaceae) species, *Phytotaxa*. 367 (2): 101–119
11. Mandákova, T., Guo, X., **Özüdoğru B.,** Mummenhoff K., Lysak M. A., (2018)Hybridization-facilitated genome merger and repeated chromosome fusion after eight million years, *The Plant Journal*, 96;748-760
12. Zare G., **Özüdoğru B.,** Ergan G.,Tavşanoğlu Ç. (2018). Taxonomic notes on the genus *Chaenorhinum* (Plantaginaceae) in Turkey. *Acta Botanica Croatica*, 77 (2), 209–213,
13. Özgişi, K., **Özüdoğru, B.,** Ocak, A. (2018). Contributions to Turkish Flora: Taxonomic and distributional notes on the poorly known *Noccaea* (Brassicaceae) species. *Phytotaxa*. 346 (3): 247–257.
14. Özgişi, K., Ocak, A., **Özüdoğru, B.** (2018). *Noccaea birolmutlui*, a New Crucifer Species from South West Anatolia, Turkey. *Phytotaxa*. 345 (1): 59–67
15. **Özüdoğru, B.** (2018). Phylogenetic position, taxonomy, distribution, and conservation status of the rare and poorly-known *Noccaea rosularis*, the generic type of Masmenia (Brassicaceae). *Phytotaxa*. 344 (2): 169–176
16. **Özüdoğru, B.** *Thlaspiceras* sensu Meyer Tür Kompleksinin Plastidik trnQ-5'rps16 Bölgesine Dayalı Filogenisi. Süleyman Demirel University Journal of Natural and Applied Sciences. http://dx.doi.org/10.19113/sdufbed.86695
17. Tavşanoğlu, Ç., Ergan, G., Çatav, Ş.S., Zare, G., Küçükakyüz, K., **Özüdoğru, B.** (2017). Multiple fire-related cues stimulate germination in *Chaenorhinum rubrifolium* (Plantaginaceae), a rare annual in the Mediterranean Basin. Seed Science Research. 27(01), 26-38., Doi: 10.1017/S0960258516000283
18. **Özüdoğru, B.,** Al-Shehbaz, I., Mummenhoff, K. (2017) Tribal assignment of *Heldreichia* Boiss. (Brassicaceae): Evidence from nuclear ITS and plastidic ndhF markers. *Plant Systematics and Evolution* 303: 329-335. <http://dx.doi.org/10.1007/s00606-016-1374-7>
19. **Özüdoğru, B.,** Fırat, M., (2016) *Arabis watsonii* (P.H.Davis) F.K.Mey.: An overlooked cruciferous species from eastern Anatolia and its phylogenetic position, *Phytokeys* 75: 57–68 doi: 10.3897/phytokeys.75.10568
20. **Özüdoğru, B.,** Akaydın, G., Erik, S., Mummenhoff, K. (2016). Seed morphology of *Ricotia* L. (Brassicaceae) and its phylogenetic and systematic implication. *FLORA*. <http://dx.doi.org/10.1016/j.flora.2016.03.013>
21. **Özüdoğru, B.,** Akaydın, G., Erik, S., Al-Shehbaz, I., Mummenhoff, K. (2015) Phylogeny, diversification and biogeographic implications of the eastern Mediterranean endemic genus *Ricotia* (Brassicaceae). *Taxon* 64 (4) 727–740.
22. Tavşanoğlu, Ç., Çatav, Ş.S., **Özüdoğru, B.** (2015) Fire-related germination and early seedling growth in 21 herbaceous species in Central Anatolian steppe. *Journal of Arid Environments* 122: 109-116.
23. Fırat, M., **Özüdoğru, B.,** Tarıkahya-Hacıoğlu, B., Bülbül, A.S.,Al-Shehbaz, I., Mummenhoff, K., Phylogenetic position and taxonomic assignment of *Thlaspi aghricum* P.H.Davis & K.Tan (Brassicaceae), *Phytotaxa* 178 (4): 287–297 (2014).
24. Tarıkahya-Hacıoğlu, B., Karacaoğlu, Ç., **Özüdoğru, B**., The speciation history and systematics of *Carthamus* (Asteraceae) with special emphasis on Turkish species by integrating phylogenetic and Ecological Niche Modelling data, *Plant Systematics and Evolution*. 1349–1359, (2014).
25. **Özüdoğru B.,** Akaydın G., Erik S., Yesilada E., Inferences From an Ethnobotanical Field Expedition in the Selected Locations of Sivas and Yozgat Provinces (TURKEY), *Journal of Ethnopharmacology*, 137(1): 85-98 (2011)
26. **Özüdoğru B.,** Erik S., Taeb F., *Astragalus pseudopinetorum* (Fabaceae), a new species from Turkey, *Annales Botanici Fennici* 48(1) :84-86, (2011).
27. Akaydın, G., **Özüdoğru, B.,** Kırmızıpekmez, H., Yeşilada, E., The Flora of Kayışdağı (İstanbul/Turkey) and floristic comparision with neighboring floras, *Biological Diversity and Conservation* 4/1, 67-78,(2011)
28. **Özüdoğru, B**., Erik, S., Akaydın G., The Flora of the Karababa Mountain (Sivas-Şarkışla / Turkey), *Biological Diversity and Conservation* 3/3 pp.176-192, (2010)
29. Kızılpınar, İ., **Özüdoğru, B.,** Özmen, E., Erik, S., Doğan, C., Morphological, Palynological and Ecological Features of *Dianthus engleri* Hausskn. & Bornm. *Hacettepe Journal of Biology and Chemistry,* 38(2) 139-147, (2010).
30. Özmen, E., Kızılpınar, İ., **Özüdoğru, B.,** Doğan, C., Erik, S., Pollen Morphology of Some Taxa of Aromatic Genus *Tanacetum* L. (Asteraceae), *FABAD Journal of Pharmaceutical Sciences*. 34, 201–211, (2009)
31. Kızılpınar, İ., **Özüdoğru, B.,** Tarıkahya,B., Doğan,C., Erik., S., Pollen Morphology of Some *Thymus* L.(Lamiaceae) Taxa Used Spice in Anatolia, *Mellifera,* 9(18), pp 13-22, (2009).
32. Akaydın, G., Özmen, E., **Özüdoğru, B**., Balıklayalar Vadisi ( Gebze-Kocaeli)’nin Florası, *F.Ü.,* *Fen ve Mühendislik Bilimleri Dergisi*, 18-3: 279-289, (2006).

**THESIS**

**MSc Thesis Özüdoğru B.** 2009. The Flora of the Karababa Mountain (Sivas/TURKEY) In Turkish. Department of Biology, Hacettepe University, Institute for Graduate Studies in Science and Engineering. Ankara, Turkey. ……………………… pp.

**PhD Thesis Özüdoğru B.** 2015. Phylogeny and Phylogeography of the genus *Ricotia* L (Brassicaceae) In Turkish. Department of Biology, Hacettepe University, Institute for Graduate Studies in Science and Engineering. Ankara, Turkey. …………….pp.

**CHARGED COURSES**

2007- :BIO Systematic Botany Lab.II (4 Credits)

2007- :BIO Systematic Botany Lab.I (4 Credits)

2007- :BIO Plant Ecology and Geography Lab. (3 Credits)

2007 -:BIO General Biology Lab.I (1 Credits)

2008 -:BIO General Biology Lab.II (1 Credits)

2008- :BIO Plant Physiology Lab. (2 Credits)

**RESEARCH ACTIVITIES**

1. **Floristics**
2. **Conservation**
3. **Phylogeny and Phylogeography**

**FIELD EXPERIENCE**

Extensive field experience in Turkey.

**EDITORIAL ACTIVITIES**

Turkish Journal of Botany (Associate Editor)

Illustrierte Flora of Turkey ( Volume Editor for 14th and 15th volumes ( Brassicaceae))

**ADDITIONAL ACTIVITIES**

Curator of **HUB** (Hacettepe University, Biology Department Herbarium) and **HBH** (Hacettepe University Biodiversity Advanced Research Center Herbarium)