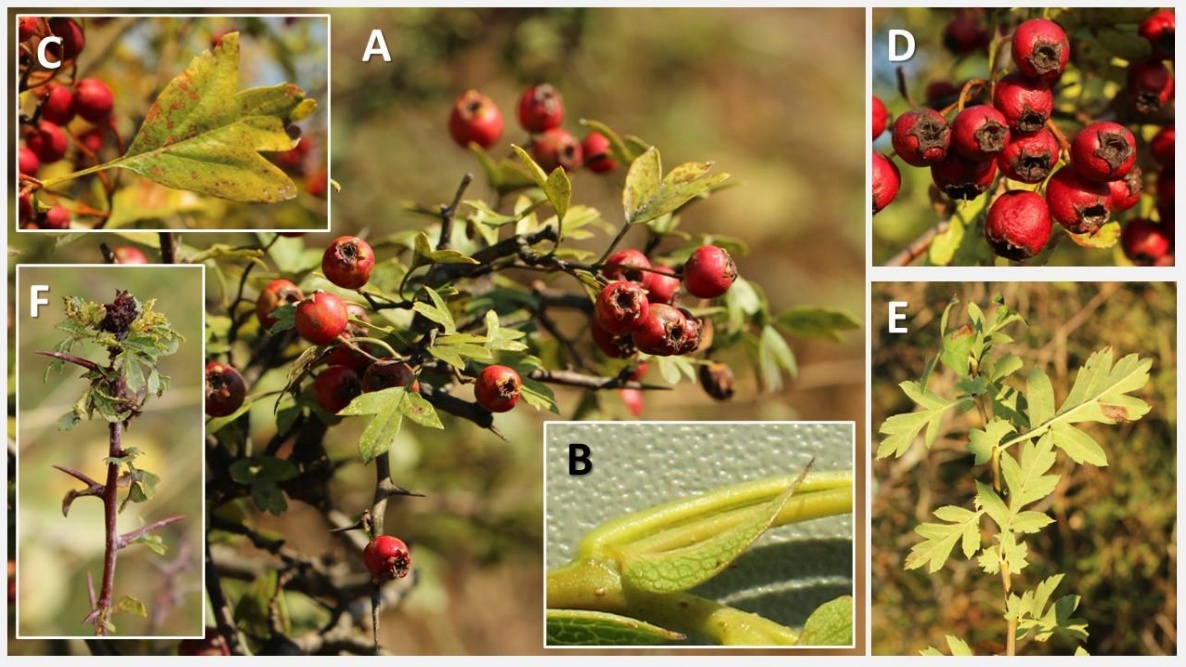
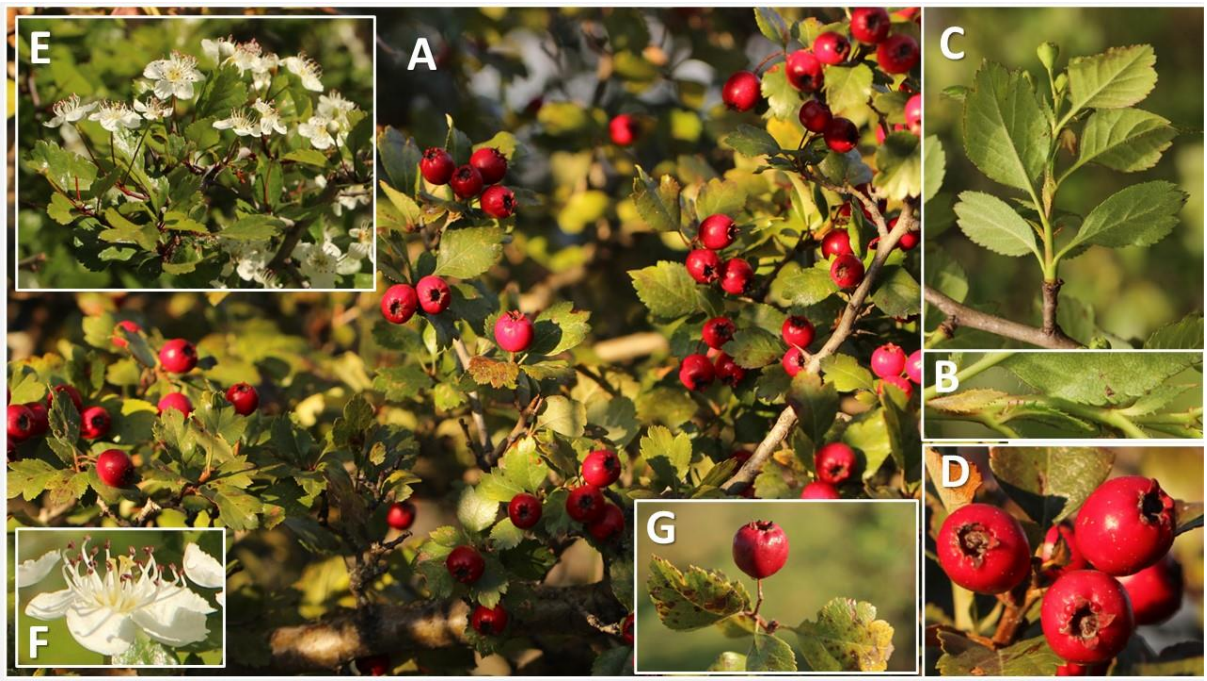
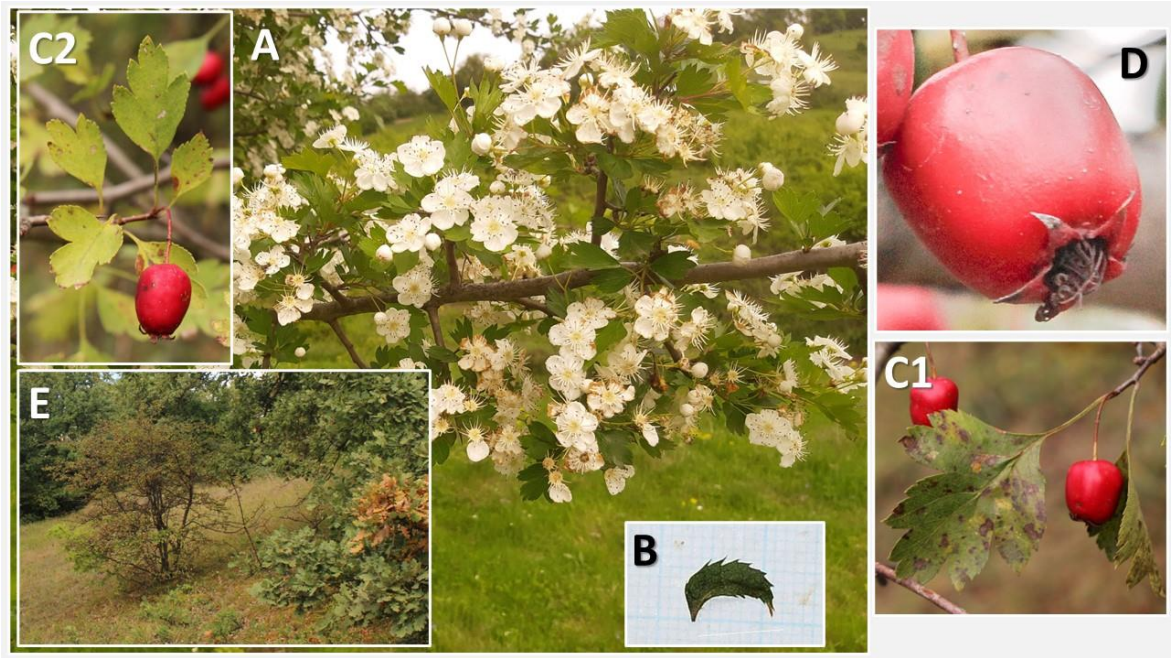
Kuhn T. & Ruprecht E. (2023) Niche breadth and overlap of pseudogamous apomictic *Crataegus* hybrids and their progenitors in north-western Romania. – Preslia 95: 447–474.



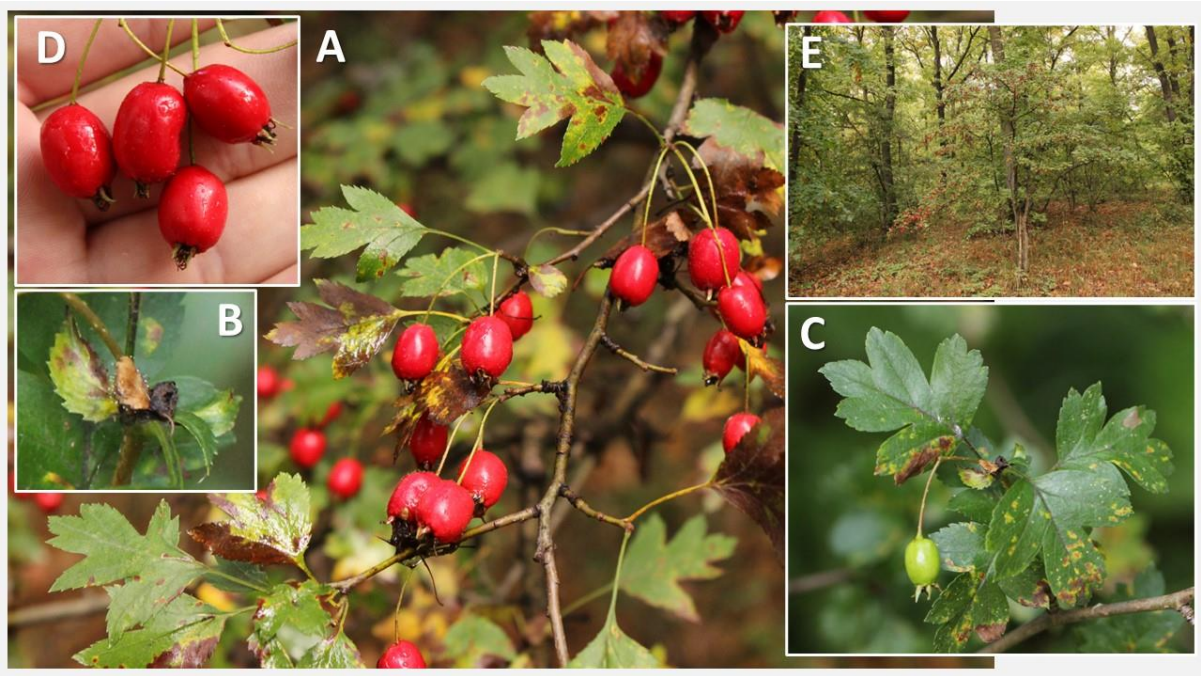
Supplementary Fig. S3 (I): *Crataegus monogyna* Jacq.; **A** – fruiting branch; **B** – stipules of generative shoot; **C** – subterminal leaf of generative shoot; **D** –pomes with sepals; **E** – sterile long shoot; **F** – *Crataegus monogyna* subsp. *brevispina* (Kunze) Franco, sterile elongate shoot; (photos: Kuhn Thomas, near Orșova (A), Cluj-Napoca (B - E) and Simeria (F), Romania)



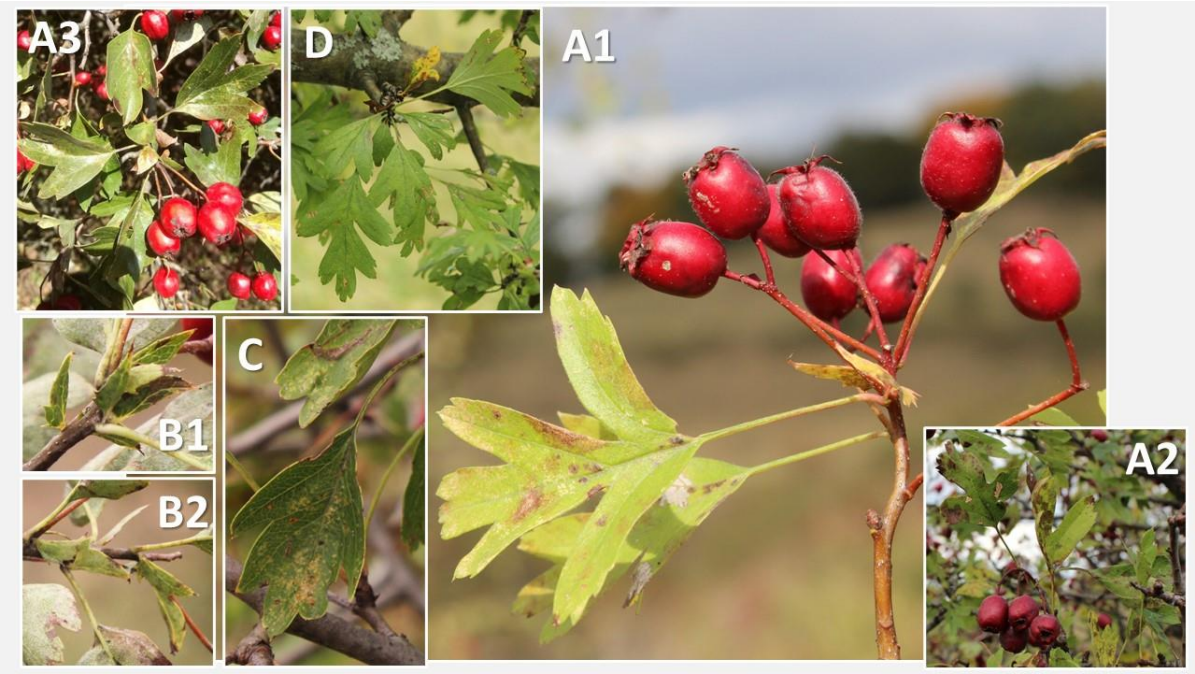
Supplementary Fig. S3 (II): *Crataegus laevigata* subsp. *laevigata* (Poir.) DC.; **A** – fruiting branches; **B** – stipules of the leaves of flowering shoots; **C** – abaxial surface of generative shoot with leaves, their stipules, and flowers before anthesis; **D** – pomes with sepals and styles; **E** – flowering branch; **F** – flower; **G** - *Crataegus laevigata* subsp. *palmstruchii* (Lind.) Franco, generative shoot; (photos: Kuhn Thomas, near Huedin (A, B, C, D), Beiuș (E, F) and Cluj-Napoca (G), Romania)



Supplementary Fig. S3 (III): *Crataegus rhipidophylla* var. *rhipidophylla* Gand. (syn.: *C. rosaeformis* Janka); **A** – flowering branch; **B** – stipule of leaf of generative shoot; **C1, C2** – generative shoots with pomes and leaves; **D** – pome with sepals; **E** – habitus of a specimen in its natural environment; (photos: Kuhn Thomas, near Cluj-Napoca, Romania)

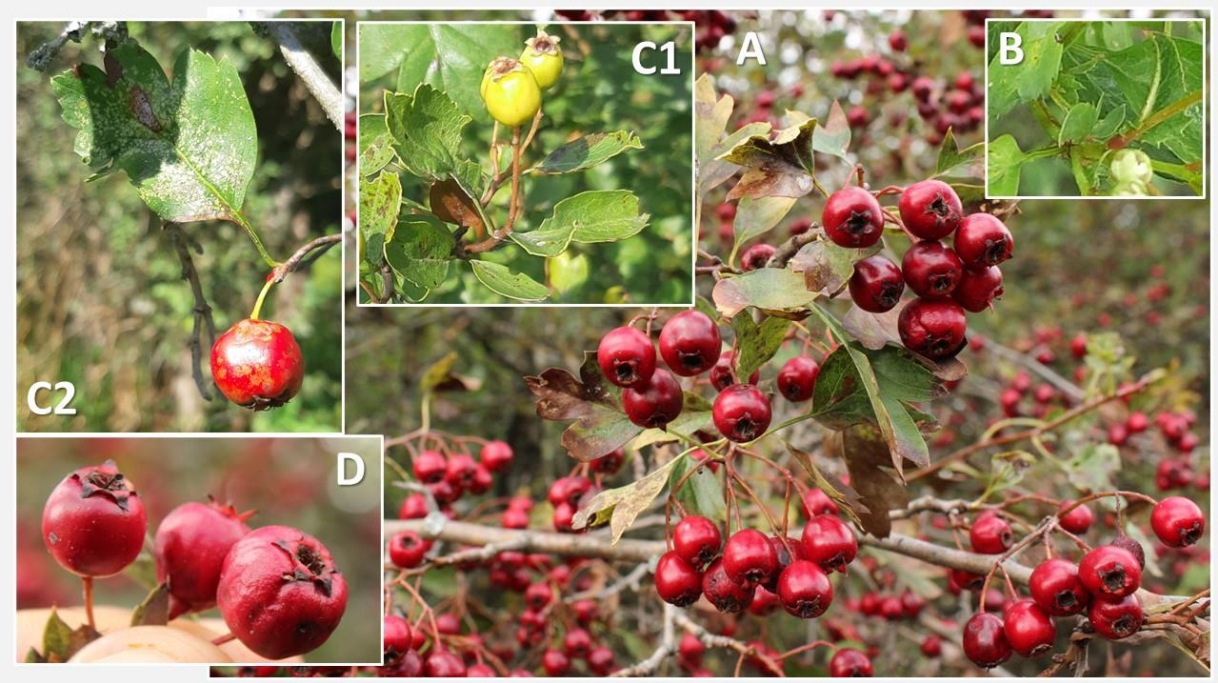


Supplementary Fig. S3 (IV): *Crataegus rhipidophylla* var. *lindmanii* (Hrabětová) K.I. Christensen (syn.: *C. lindmanii* Hrab. – Uhr.); **A** – fruiting branches; **B** – stipules of the leaves of generative shoot; **C** – generative shoot with pome, leaves and their stipules; **D** – pomes and their sepals; **E** – habitus of a specimen in its natural environment; (photos: Kuhn Thomas, near Cluj-Napoca, Romania)

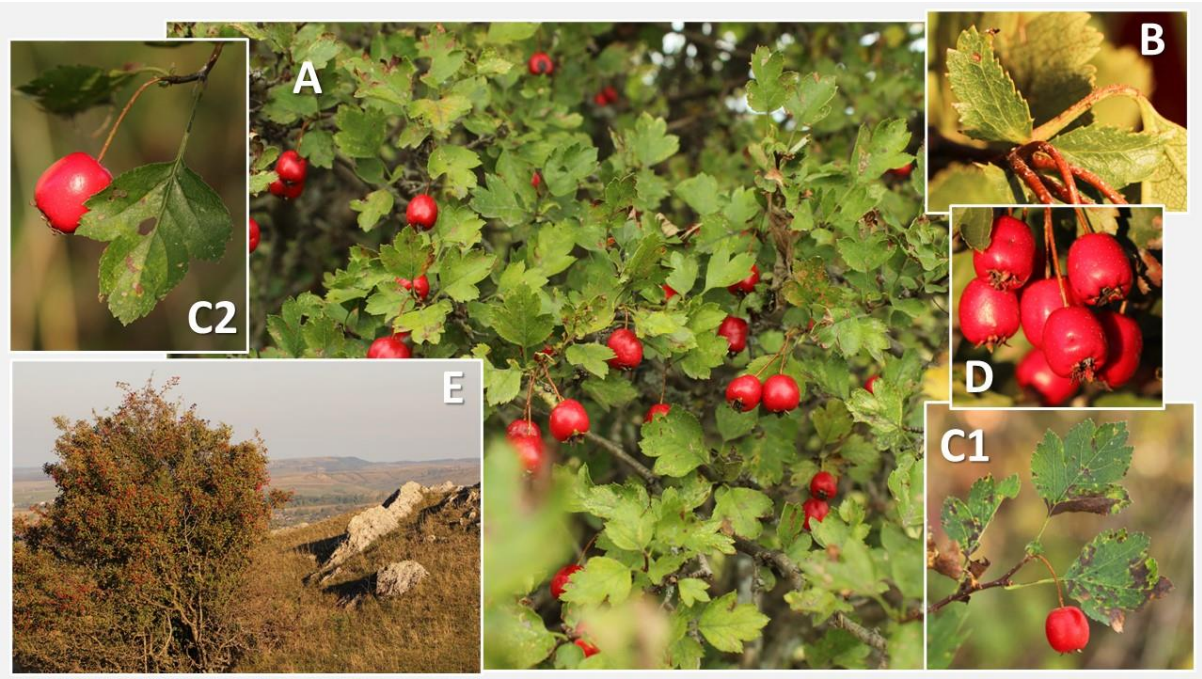


Supplementary Fig. S3 (V): *Crataegus* × *subsphaerica* Gand. (syn.: *C.* × *kyrtostyla* nothovar. *kyrtostyla* Fingerh.; *C. monogyna* × *C. rhipidophylla*); **A1, A2, A3** – generative shoot with pomes, leaves and their stipules; **B1, B2** – stipules of leaves of generative shoots; **C** – subterminal leaf of generative shoot; **D** – sterile short shoot; (photos: Kuhn Thomas, near Cluj-Napoca, Romania)

Supplementary Fig. S3 (VI): *Crataegus* × *kyrtostyla* Fingerh. (syn.: *C.* × *kyrtostyla* nothovar. *domicensis* (Hrabětová-Uhrova) K.I. Christensen; *C. monogyna* × *C. lindmanii*); **A** – fruiting branches; **B** – stipules of generative shoot; **C1, C2, C3** – generative shoots with pomes, leaves and their stipules; (photos: Kuhn Thomas, near Gherla (A, B) and Cluj-Napoca (C1, C2, C3), Romania)



Supplementary Fig. S3 (VII): *Crataegus* × *media* Bechst. (*C. monogyna* × *C. laevigata*); **A** – fruiting branch; **B** – sepals of leaves of generative shoot; **C1, C2** – generative shoot with pomes and leaves; **D** – pomes with sepals and styles; (photos: Kuhn Thomas, near Cluj-Napoca, Romania)



Supplementary Fig. S3 (VIII): *C.* × *macrocarpa* nothovar. *hadensis* (Hrabětová-Uhrova) K.I. Christensen (*C. laevigata* × *C. lindmanii*); **A** – fruiting branches; **B** – stipules of leaves of generative shoots; **C1, C2** – generative shoot with pomes, leaves and their stipules; **D** – pomes with speals and styles; **E** – habitus of a specimen in its natural habitat; (photos: Kuhn Thomas, near Huedin, Romania)