

A DNA-based checklist of the stipitate hydroids (*Bankeraceae* s.l.) of Czechia

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Electronic supplement

This electronic supplement completes the basic selection of taxa new to Czechia or otherwise significant taxa depicted directly in the paper with photos representing further rare or interesting taxa, illustrating the wider variability of species, different developmental stages (including young basidiomata with guttation), or untypical forms of basidiomata not resembling a given species at first glance. However, the supplement represents just a limited selection, the aim of which is not to illustrate the entire variability of all species (which is available in various literature or internet sources).



Fig. S2. *Hydnellum aurantiacum*, unsequenced, young basidiomata, with guttation, Hrádek near Trhové Sviny, *Picea* forest with admixed *Pinus*, 9 Jul 2020 leg. J. Souček et M. Beran. Photo J. Souček.



Fig. S1. *Sarcodon imbricatus*, smooth, almost scaleless pileus (Staré Ransko near Krucemburk, HR B000013 – for details, see Specimens studied). Photo P. Petelík.



Fig. S3. *Hydnellum fennicum* (Srní, Vydra river valley, PRM 932972 – for details, see Specimens studied). Photo J. Holec.



Fig. S4. *Hydnellum bomiense*, young basidiomata (Černý Kříž, CB 23712 – for details, see Specimens studied). Photo J. Souček.



Fig. S6. *Hydnellum cumulatum* (Malonty, Hodonický potok valley, CB 23186 – for details, see Specimens studied). Photo J. Souček.



Fig. S5. *Hydnellum conrescens*, basidiomata of different shape, fleshier than is typical (Hluboká nad Vltavou, CB 24410 – for details, see Specimens studied). Photo J. Souček.



Fig. S7. *Hydnellum cumulatum* (Srní, Vydra river valley, PRM 933000 – for details, see Specimens studied). Photo J. Holec (published in Holec et al. 2016, but erroneously numbered PRM 93000 in figure caption).



Fig. S8. *Hydnellum rubidofuscum*, basidiomata with conspicuous outgrowths (Třeboň, CB JS-2023-067 – for details, see Specimens studied). Photo J. Souček.



Fig. S10. *Hydnellum scrobiculatum*, moderately mature basidiomata (Zliv, CB 21534 – for details, see Specimens studied). Photo J. Souček.



Fig. S9. *Hydnellum scrobiculatum*, young basidiomata, with guttation (Staré Hutě, CB 23736 – for details, see Specimens studied). Photo J. Souček.



Fig. S11. *Hydnellum scrobiculatum*, mature basidioma (Kladenské Rovné, CB 23731 – for details, see Specimens studied). Photo J. Souček.



Fig. S12. *Hydnellum tardum*, young basidioma, with guttation (Žlábek, CB 23479 – for details, see Specimens studied). Photo J. Souček.



Fig. S14. *Hydnellum tardum*, old basidioma (Hrádek near Trhové Sviny, CB 24071 – for details, see Specimens studied). Photo J. Souček.



Fig. S13. *Hydnellum tardum*, sequenced (unpublished), 2.1 km WNW of Malonty, Hodonický potok valley, *Picea-Pinus* forest with mosses and bilberry, 1 Sep 2019 leg. J. Souček et M. Beran (voucher in pers. fungarium of J. Souček). Photo J. Souček.



Fig. S15. *Hydnellum* sp. (*H. aff. conrescens*), young basidiomata, with guttation (Vyšný, site identical to CB 23503 – for details, see Specimens studied). Photo J. Souček.



Fig. S16. *Hydnellum compactum*, unsequenced, 3 Aug 2014 (Borový NNM near Žulová, site identical to HR B015339 – for details, see Specimens studied). Photo D. Dvořák.



Fig. S18. *Hydnellum spongiosipes* (Trusnov, dike of Lodrant fish-pond, PRM 861415 – for details, see Specimens studied). Photo J. Holec.



Fig. S17. *Hydnellum compactum*, context section with detail of zonation, unsequenced, 3 Aug 2014 (Borový NNM near Žulová, site identical to HR B015339 – for details, see Specimens studied). Photo D. Dvořák.



Fig. S19. *Hydnellum spongiosipes* (Trusnov, dike of Lodrant fish-pond, PRM 861415 – for details, see Specimens studied). Photo J. Holec.



Fig. S20. *Phellodon aquiloniniger*, concave and zoned basidioma, unsequenced, Malonty, Hodonický potok valley, rather young mossy *Picea* plantation mixed with *Pinus*, 17 Aug 2016 leg. J. Borovička et J. Souček (PRM 944056). Photo J. Souček.



Fig. S22. *Phellodon melaleucus*, atypically shaped basidioma (resembling *Phellodon confluens*), unsequenced, 25 Sep 2018 (Zliv, microsite identical to CB 21585 – for details, see Fig. S23). Photo J. Souček.



Fig. S21. *Phellodon niger*, unzonated basidioma, sequenced (unpublished), 19 Sep 2019 leg. J. Souček (Vyšný, CB 23504, microsite identical to PRM 958107 – for details, see Specimens studied). Photo J. Souček.



Fig. S23. *Phellodon melaleucus*, sequenced (unpublished), Southern Bohemia, 1.6 km NE of Zliv, forest fringe above wall of former sand quarry, *Pinus [sylvestris]*, *Betula pendula*, 23 Oct 2017 leg. J. Souček et M. Vašutová (CB 21585). Photo J. Souček.