

Filep R., Lengyel A., Cook B. J., Farkas Á., Nagy K., Nagy D. U., Imri Á., Czakó-Vér K. & Pal R. W. (2021) *Helianthus tuberosus* at home and away: stronger ecological impacts in invaded than in native range are not explained by arbuscular mycorrhizal colonization. – *Preslia* 93: 363–376.

Electronic Appendix 1. Source populations of *Helianthus tuberosus* used for the field survey and root sampling for mycorrhiza study

| Sampling year | Country/State | Name of the stream | Altitude (meter a.s.l.) | Latitude | Longitude | Root sampling for mycorrhiza study |
|----------------------------------|---------------|--------------------|----------------------------|-----------|-----------|---------------------------------------|
| <i>Europe (non-native range)</i> | | | | | | |
| 2012 | Hungary | Baranya Channel | 154 | 46° 11' N | 18° 09' E | no |
| 2012 | Hungary | Bódva River | 128 | 48° 13' N | 20° 46' E | yes |
| 2012 | Hungary | Buják Creek | 158 | 47° 51' N | 19° 34' E | yes |
| 2012 | Hungary | Bükkösd Creek | 132 | 46° 05' N | 17° 59' E | yes |
| 2012 | Hungary | Dobroda Creek | 168 | 48° 12' N | 19° 35' E | no |
| 2012 | Hungary | Hernád River | 101 | 48° 02' N | 20° 57' E | yes |
| 2012 | Hungary | Ipoly River | 135 | 48° 03' N | 19° 14' E | yes |
| 2012 | Hungary | Kövecses Creek | 163 | 47° 54' N | 19° 41' E | yes |
| 2012 | Hungary | Ostoros Creek | 106 | 47° 44' N | 20° 31' E | no |
| 2012 | Hungary | Pécs Creek | 120 | 46° 02' N | 18° 12' E | no |
| 2012 | Hungary | Perint Creek | 215 | 47° 12' N | 16° 37' E | yes |
| 2012 | Hungary | Rába River | 220 | 46° 57' N | 16° 22' E | yes |
| 2012 | Hungary | Rinya Creek | 108 | 45° 56' N | 17° 27' E | no |
| 2012 | Hungary | Sajó River | 140 | 48° 16' N | 20° 35' E | no |
| 2012 | Hungary | Török Creek | 103 | 47° 49' N | 19° 00' E | yes |
| 2012 | Hungary | Zagyva River | 158 | 47° 55' N | 19° 41' E | yes |
| 2013 | Romania | Baraolt Creek | 480 | 46° 04' N | 25° 37' E | no |
| 2013 | Romania | Crasna River | 142 | 47° 32' N | 22° 47' E | yes |
| 2013 | Romania | Mureş River | 280 | 46° 26' N | 24° 14' E | no |

| | | | | | | |
|------|---------|------------------------|-----|-----------|-----------|-----|
| 2013 | Romania | Olt River | 510 | 45° 49' N | 25° 47' E | no |
| 2013 | Romania | Râul Negru River | 516 | 45° 49' N | 25° 57' E | no |
| 2013 | Romania | Simeriea Creek | 520 | 45° 51' N | 25° 47' E | no |
| 2013 | Romania | Someș River | 232 | 47° 08' N | 23° 53' E | yes |
| 2013 | Romania | Târnava Mică River | 320 | 46° 24' N | 24° 41' E | no |
| 2013 | Romania | Tur River | 129 | 47° 55' N | 23° 04' E | yes |
| 2013 | Romania | Zalău River | 177 | 47° 20' N | 22° 50' E | no |
| 2015 | Ukraine | Latorytsia River | 103 | 48° 28' N | 22° 18' E | yes |
| 2015 | Ukraine | Velika Dobrony Channel | 101 | 48° 25' N | 22° 22' E | no |

North-America (native range)

| | | | | | | |
|------|-----------|-------------------|-----|-----------|-----------|-----|
| 2013 | Illinois | Illinois River | 182 | 41° 18' N | 88° 57' E | yes |
| 2013 | Indiana | Leatherwood Creek | 155 | 39° 53' N | 87° 11' E | yes |
| 2013 | Iowa | Mississippi River | 209 | 41° 27' N | 91° 01' E | yes |
| 2013 | Iowa | Smith Creek | 220 | 41° 28' N | 91° 48' E | yes |
| 2013 | Minnesota | Blue Earth River | 247 | 44° 07' N | 94° 02' E | yes |
| 2013 | Minnesota | Des Moines River | 410 | 43° 43' N | 95° 03' E | yes |
| 2013 | Minnesota | Indian Creek | 240 | 44° 08' N | 94° 00' E | yes |
| 2013 | Minnesota | Minnesota River | 237 | 44° 09' N | 94° 01' E | yes |
| 2013 | Minnesota | Mississippi River | 220 | 44° 30' N | 92° 21' E | yes |
| 2013 | Minnesota | Wells Creek | 260 | 44° 27' N | 92° 28' E | yes |
| 2013 | Wisconsin | Baraboo River | 310 | 43° 47' N | 90° 20' E | yes |
| 2013 | Wisconsin | Plum Creek | 278 | 43° 38' N | 90° 12' E | yes |
