

Table S1. The distribution and ecology characteristics of thrips species collected in the Słowiński National Park

| Thrips species | Distribution | Ecology |
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| 1. <i>Aeolothrips albicinctus</i> Haliday | HOL | gr, pol |
| 2. <i>Aeolothrips ericae</i> Bagnall | HOL | fl, ol |
| 3. <i>Aeolothrips fasciatus</i> (Linnaeus) | HOL | zoo, pol, fl |
| 4. <i>Aeolothrips intermedius</i> Bagnall | PAL | zoo, pol, fl |
| 5. <i>Aeolothrips melaleucus</i> Haliday | HOL | zoo, ol, ar |
| 6. <i>Aeolothrips versicolor</i> Uzel | HOL | fol, ol, ar |
| 7. <i>Anaphothrips badius</i> Williams | EUR | fol, ol, hig |
| 8. <i>Anaphothrips obscurus</i> (Müller) | COS | gr, ol |
| 9. <i>Aptinothrips rufus</i> (Haliday) | COS | gr, pol |
| 10. <i>Aptinothrips stylifer</i> Trybom | HOL | gr, pol |
| 11. <i>Baliothrips dispar</i> (Haliday) | EUS | fol, pol, hig |
| 12. <i>Bolacothrips jordani</i> Uzel | EUR | gr, pol |
| 13. <i>Ctenothrips distinctus</i> (Uzel) | EUR | fol, mon |
| 14. <i>Ceratothrips ericae</i> (Haliday) | HOL | fl, ol |
| 15. <i>Chirothrips hamatus</i> Trybom | HOL | gr, pol, hig |
| 16. <i>Chirothrips manicatus</i> Haliday | HOL | gr, pol |
| 17. <i>Chirothrips pallidicornis</i> (Priesner) | EUR | gr, pol |
| 18. <i>Dendrothrips degeeri</i> Uzel | EUR | fol, ol, ar |
| 19. <i>Dendrothrips saltatrix</i> Uzel | EUR+ASIA | fol, pol, ar |
| 20. <i>Euchaetothrips kroli</i> (Schille) | EUR | gr, ol, hig |
| 21. <i>Frankliniella intonsa</i> (Trybom) | COS | fl, pol |
| 22. <i>Frankliniella tenuicornis</i> (Uzel) | COS | gr, pol |
| 23. <i>Hemianaphothrips articulatus</i> Priesner | EUR | gr, ol, hig |
| 24. <i>Iridothrips iridis</i> (Watson) | EUR | fol, mon, hig |
| 25. <i>Limothrips cerealium</i> Haliday | COS | gr, pol |
| 26. <i>Limothrips denticornis</i> Haliday | HOL | gr, pol |
| 27. <i>Mycterothrips albidicornis</i> (Knechtel) | EUR | fol, ol, ar |
| 28. <i>Mycterothrips consociatus</i> (Targioni-Tozzetti) | PAL | fol, ol, ar |
| 29. <i>Mycterothrips latus</i> Bagnall | EUS | fol, ol, ar |
| 30. <i>Mycterothrips salicis</i> (O.M.Reuter) | EUS | fol, ol, ar |
| 31. <i>Neohydatothrips gracilicornis</i> (Williams) | PAL | gr, ol |
| 32. <i>Oxythrips ajugae</i> (Uzel) | EUR | fol, ol, ar |
| 33. <i>Oxythrips bicolor</i> (O.M. Reuter) | EUR | fol, ol, ar |
| 34. <i>Pelikanothrips kratochvili</i> (Pelikán) | EUR | fol, ol, hig |
| 35. <i>Pezothrips frontalis</i> (Uzel) | EUR | fol, ol, xer |
| 36. <i>Platythrips tunicatus</i> (Haliday) | EUR | fl, ol |
| 37. <i>Rhaphidothrips longistylus</i> Uzel | HOL | gr, pol |
| 38. <i>Rubiothrips ferrugineus</i> (Uzel) | EUR | fl, ol |
| 39. <i>Rubiothrips silvarum</i> (Priesner) | EUS | fl, mon, xer |
| 40. <i>Rubiothrips sordidus</i> (Uzel) | EUS | fl, ol |
| 41. <i>Scolothrips longicornis</i> (Priesner) | HOL | fol, pol, zoo |
| 42. <i>Scolothrips uzeli</i> Schille | EUR | fl, mon, zoo |
| 43. <i>Sericothrips bicornis</i> (Karny) | EUR | fl, ol |
| 44. <i>Taeniothrips picipes</i> (Zetterstedt) | W-PAL | fl, pol |
| 45. <i>Taeniothrips zurstrasseni</i> Zawirska | EUR | fl, mon |
| 46. <i>Tenothrips frici</i> (Uzel) | PAL | fl, pol |
| 47. <i>Theilopodothrips pilosus</i> (Uzel) | EUR | fl, ol, xer |

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| 48. <i>Thrips alni</i> Uzel | EUR | fol, mon, ar |
| 49. <i>Thrips angusticeps</i> Uzel | W-PAL | fl, pol |
| 50. <i>Thrips atratus</i> (Haliday) | HOL | fl, pol |
| 51. <i>Thrips difficilis</i> Priesner | EUR | fol, ol, ar |
| 52. <i>Thrips dilatatus</i> Uzel | EUS | fl, ol |
| 53. <i>Thrips discolor</i> Haliday | EUR | fl, mon, hig |
| 54. <i>Thrips flavus</i> Schrank | COS | fl, pol |
| 55. <i>Thrips fuscipennis</i> Haliday | PAL | fl, fol, pol |
| 56. <i>Thrips juniperinus</i> Linnaeus | EUR | fl, mon, ar |
| 57. <i>Thrips major</i> Uzel | PAL | fl, fol, pol |
| 58. <i>Thrips mancosetosus</i> (Priesner) | EUR | fl, mon, hig |
| 59. <i>Thrips menyanthidis</i> Bagnall | EUR | fol, mon, hig |
| 60. <i>Thrips minutissimus</i> Linnaeus | EUR+ASIA | fol, ol, ar |
| 61. <i>Thrips montanus</i> (Priesner) | EUR | fl, mon |
| 62. <i>Thrips nigropilosus</i> Uzel | EUR+ASIA | fl, fol, pol |
| 63. <i>Thrips physapus</i> Linnaeus | EUS | fl, pol |
| 64. <i>Thrips pilichi</i> Priesner | EUR | fl, ol |
| 65. <i>Thrips pini</i> (Uzel) | HOL | fl, fol, ol, ar |
| 66. <i>Thrips sambuci</i> Heeger | EUR | fol, mon, ar |
| 67. <i>Thrips tabaci</i> Lindeman | COC | fl, fol, pol |
| 68. <i>Thrips trehernei</i> Priesner | HOL | fl, pol |
| 69. <i>Thrips urticae</i> Fabricius | EUR | fl, mon |
| 70. <i>Thrips validus</i> Uzel | EUR+ASIA | fl, pol |
| 71. <i>Thrips vulgatissimus</i> (Haliday) | EUR | fl, ol |
| 72. <i>Tmetothrips subapterus</i> (Haliday) | EUR | fol, ol, hig |
| 73. <i>Bolothrips dentipes</i> (O.M.Reuter) | EUR | gr, ol, hig |
| 74. <i>Bolothrips icarus</i> (Uzel) | EUR | gr, ol, xer |
| 75. <i>Cephalothrips monilicornis</i> (O.M. Reuter) | HOL | gr, ol |
| 76. <i>Haplothrips aculeatus</i> (Fabricius) | PAL | gr, pol |
| 77. <i>Haplothrips arenarius</i> Priesner | EUR | fl, mon, xer |
| 78. <i>Haplothrips distinguendus</i> (Uzel) | EUR+ASIA | fl, fol, pol |
| 79. <i>Haplothrips jasionis</i> Priesner | EUR | fl, mon, xer |
| 80. <i>Haplothrips leucanthemi</i> (Schrank) | HOL | fl, mon |
| 81. <i>Haplothrips niger</i> (Osborn) | PAL | fl, ol |
| 82. <i>Haplothrips phyllophilus</i> Priesner | EUR | fol, pol, ar, cor |
| 83. <i>Haplothrips statices</i> (Haliday) | EUR | fl, mon, xer |
| 84. <i>Haplothrips subtilissimus</i> (Haliday) | PAL | fol, pol, cor, ar |
| 85. <i>Hoplothrips corticis</i> (De Geer) | HOL | mf, ol, ar, cor |
| 86. <i>Hoplothrips pedicularius</i> (Haliday) | EUR | mf, ol, ar, cor |
| 87. <i>Liothrips setinodis</i> (O.M. Reuter) | EUR | fol, ol, ar |
| 88. <i>Megathrips lativentris</i> (Heeger) | EUR | mf, ol, ar, cor |
| 89. <i>Phlaeothrips coriaceus</i> Haliday | EUR | mf, ol, ar, cor |
| 90. <i>Xylaplothrips fuliginosus</i> (Schille) | EUR | zoo, ar, cor |

Abbreviations: **distribution** – COS – cosmopolite, EUR – European, EUR+ASIA – European and Asian, EUS – Eurosiberian, HOL – Holarctic, PAL – Palearctic, W-PAL – West-Palearctic; **ecology** – mo – monophagous, ol – oligophagous, pol – polyphagous, fl – floricolous, fol – foliicolous, gr – graminicolous, zoo – zoophagous, ar – arboricolous, hig – higrophilous, xer – termophilous, cor – corticolous, mf – mycophagous, ar – arboricolous