*Supporting information* to Albrecht *et al.*: **Global synthesis of the effectiveness of flower strips and hedgerows on pest control, pollination services and crop yield**

**Supporting Table S1.** Overview of studies considered in analyses. ‘Radius’ refers to the radius around focal fields in which landscape variables were assessed (see Material and methods section for detailed description of variables analysed).

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| **Study ID** | **Type of  response** | **Planting type** | **Study region,  country** | **Crop species** | **Study year(s)** | **Sites** | **Radius (m)** | **Publication** |  |
|  |  |  |  |  |  |  |  |  |  |
| Blaa01 | pest control | flower strip | Michigan, USA | highbush blueberry  (*Vaccinium corymbosum*) | 2011-2012 | 10 | 1000 | Blaauw & Isaacs 2015 |  |
| Conn01 | pest control | flower strip | Finger Lakes, New York, USA | strawberry  (*Fragaria ananassa*) | 2014-2015 | 22 | 1000 | Grab *et al.* 2018 |  |
| Dain01 | pest control | flower strip | Veneto, Italy | winter wheat  (*Triticum aestivum*) | 2014 | 26 | 1000 | Dainese *et al.* 2017 |  |
| Entl01 | pest control | flower strip | Central plateau, Switzerland | winter wheat  (*Triticum aestivum*) | 2005 | 20 | 1000 | unpublished |  |
| Gard01 | pest control | flower strip | Ohio, USA | pumpkin (*Cucurbita pepo*) | 2011-2012 | 18 | 1000 | Phillips & Gardiner 2016 |  |
| Groo01 | pest control | flower strip | Flevoland, The Netherlands | winter wheat  (*Triticum aestivum*) | 2014 | 16 | 1000 | unpublished |  |
| Jaco01 | pest control | flower strip | Central plateau, Switzerland | winter wheat  (*Triticum aestivum*) | 2016 | 50 | NA | unpublished |  |
| Jons01 | pest control | flower strip | Canterbury region, New Zealand | kale (*Brassica oleracea*) | 2008 | 21 | 1000 | Jonsson *et al.* 2015 |  |
| Mcke01 | pest control | flower strip | Kent, UK | apple (*Malus domestica*) | 2015 | 16 | 1000 | unpublished |  |
| Mora01 | pest control | hedgerow | Yolo County, California, USA | oilseed rape (*Brassica napus*) | 2009-2010 | 12 | 1000 | Morandin *et al.* 2014 |  |
| Sche01 | pest control | flower strip | Lower Saxony, Germany | winter wheat  (*Triticum aestivum*) | 2005-2007 | 28 | 1000 | Scheid *et al.* 2011 |  |
| Sutt01 | pest control | hedgerow,  flower strip | Eastern Plateau, Switzerland | oilseed rape (*Brassica napus*) | 2014 | 18 | 1000 | Sutter *et al.* 2018 |  |
| Thie01 | pest control | flower strip | Lower Saxony, Germany | oilseed rape (*Brassica napus*) | 1995 | 8 | NA | Thies & Tscharntke 1999 |  |
| Tsch01 | pest control | flower strip | Eastern Plateau, Switzerland | winter wheat (*Triticum aestivum*) | 2012 | 25 | 1000 | Tschumi *et al.* 2015 |  |
| Tsch02 | pest control | flower strip | Eastern Plateau, Switzerland | potato (*Solanum tuberosum*) | 2013 | 18 | NA | Tschumi *et al.* 2016a |  |
| Tsch03 | pest control | flower strip | Eastern Plateau, Switzerland | winter wheat (*Triticum aestivum*) | 2014 | 20 | NA | Tschumi *et al.* 2016b |  |
| Vero01 | pest control | hedgerow | Tartu County, Estonia | oilseed rape (*Brassica napus*) | 2014 | 12 | 1000 | Kovács *et al.* 2019 |  |
| Wolt01 | pest control | flower strip | Michigan, USA | soybean (*Glycine max*) | 2008-2009 | 35 | 2000 | Woltz *et al.* 2012 |  |
| Blaa01 | pollination | flower strip | Michigan, USA | highbush blueberry  (*Vaccinium corymbosum*) | 2009-2012 | 10 | 1000 | Blaauw & Isaacs 2014 |  |
| Camp01 | pollination | flower strip | Herefordshire, UK | apple  (*Malus domestica*) | 2013 | 8 | NA | Campbell *et al.* 2017a,b |  |
| Conn01 | pollination | flower strip | Finger Lakes, New York, USA | strawberry  (*Fragaria ananassa*) | 2014-2015 | 30 | 1000 | Grab *et al.* 2018 |  |
| Dain01 | pollination | flower strip | Veneto, Italy | winter wheat  (*Triticum aestivum*) | 2014 | 19 | 1000 | Dainese *et al.* 2017 |  |
| Felt01 | pollination | flower strip | Meigle, Scotland | strawberry  (*Fragaria ananassa*) | 2013 | 10 | NA | Feltham *et al.* 2015 |  |
| Gans01 | pollination | flower strip | Eastern Plateau, Switzerland | strawberry  (*Fragaria ananassa*) | 2016-2017 | 18 | 1000 | Ganser *et al.* 2018 |  |
| Gard01 | pollination | flower strip | Ohio, USA | pumpkin (*Cucurbita pepo*) | 2011-2012 | 18 | 1000 | Phillips & Gardiner 2015 |  |
| Mcke01 | pollination | flower strip | Kent, UK | apple (*Malus domestica*) | 2013-2015 | 20 | 1000 | unpublished |  |
| Mora01 | pollination | hedgerow | Yolo County, California, USA | tomato (*Solanum lycopersicum*) | 2010-2011 | 12 | 1000 | Morandin *et al.* 2016 |  |
| Pfis01 | pollination | hedgerow | Rhineland-Palatinate Germany | pumpkin (*Cucurbita maxima*) | 2014 | 11 | 1000 | Pfister *et al.* 2017 |  |
| Rund01 | pollination | flower strip | Skåne, Sweden | red clover (*Trifolium pratense*) | 2010 | 26 | 1000 | Rundlöf *et al.* 2018 |  |
| Sard01 | pollination | hedgerow | Yolo County, California, USA | sunflower (*Helianthus annuus*) | 2011-2013 | 28 | 1000 | Sardiñas & Kremen 2015 |  |
| Scil01 | pollination | hedgerow, flower strip | Central Coast, California, USA | strawberry (*Fragaria ananassa*) | 2012 | 16 | 1000 | unpublished |  |
| Sutt01 | pollination | hedgerow, flower strip | Eastern Plateau, Switzerland | oilseed rape (*Brassica napus*) | 2014 | 18 | 1000 | Sutter *et al.* 2018 |  |
| Vent01 | pollination | flower strip | Sargentville, Maine, USA | lowbush blueberry (*Vaccinium angustifolium*) | 2012-2013 | 8 | 1000 | Venturini *et al.* 2017 |  |
| Vero01 | pollination | hedgerow | Tartu County, Estonia | oilseed rape (*Brassica napus*) | 2014 | 12 | 1000 | unpublished |  |
| Will01 | pollination | flower strip | California, USA | watermelon (*Citrullus lanatus*) | 2011-2012 | 12 | NA | unpublished |  |
| Groo01 | yield | flowerstrip | Flevoland, The Netherlands | winter wheat  (*Triticum aestivum*) | 2014 | 16 | 1000 | unpublished |  |
| Jaco01 | yield | flowerstrip | Central plateau, Switzerland | winter wheat  (*Triticum aestivum*) | 2016 | 50 | NA | unpublished |  |
| Jons01 | yield | flowerstrip | Canterbury region, New Zealand | kale (*Brassica oleracea*) | 2008 | 21 | 500 | Jonsson *et al.* 2015 |  |
| Sutt01 | yield | flowerstrip | Eastern Plateau, Switzerland | oilseed rape (*Brassica napus*) | 2014 | 12 | 1000 | Sutter *et al.* 2018 |  |
| Tsch03 | yield | flowerstrip | Eastern Plateau, Switzerland | winter wheat (*Triticum aestivum*) | 2014 | 20 | NA | Tschumi *et al.* 2016b |  |
| Blaa01 | yield | flowerstrip | Michigan, USA | highbush blueberry  (*Vaccinium corymbosum*) | 2009-2012 | 10 | 1000 | Blaauw & Isaacs 2014 |  |
| Conn01 | yield | flowerstrip | Finger Lakes, New York, USA | strawberry  (*Fragaria ananassa*) | 2014-2015 | 30 | 1000 | Grab *et al.* 2018 |  |
| Mcke01 | yield | flowerstrip | Kent, UK | apple (*Malus domestica*) | 2013-2015 | 20 | 1000 | unpublished |  |
| Rund01 | yield | flowerstrip | Skåne, Sweden | red clover (*Trifolium pratense*) | 2010 | 26 | 1000 | Rundlöf *et al.* 2018 |  |
| Vent01 | yield | flowerstrip | Sargentville, Maine, USA | lowbush blueberry (*Vaccinium angustifolium*) | 2012-2013 | 8 | 1000 | Venturini *et al.* 2017 |  |
| Will01 | yield | flowerstrip | California, USA | watermelon (*Citrullus lanatus*) | 2011-2012 | 12 | NA | unpublished |  |
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