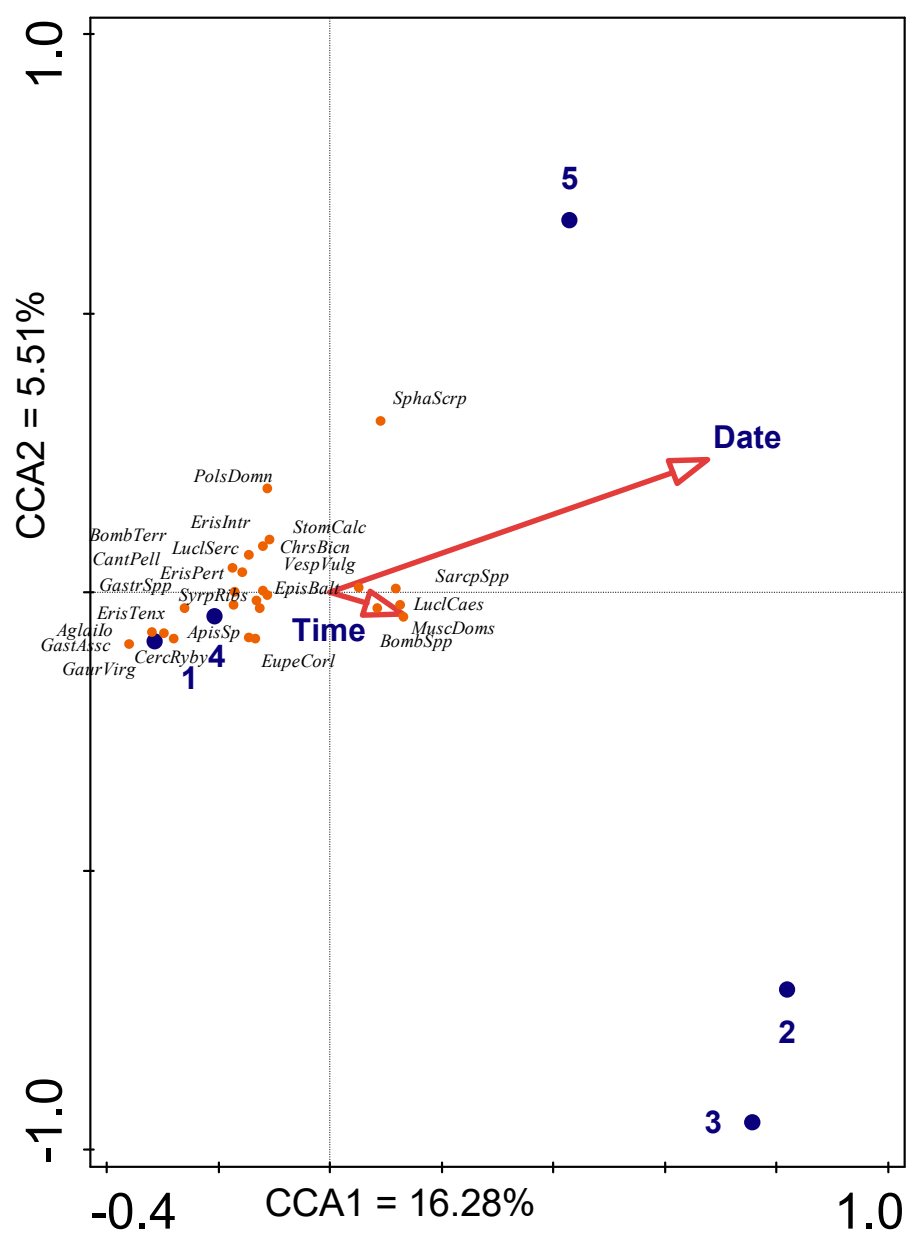


Supplementary Figure S1. The CCA biplot shows the taxa abundance in relation to the date and time of observations in 5 sites in 2019.

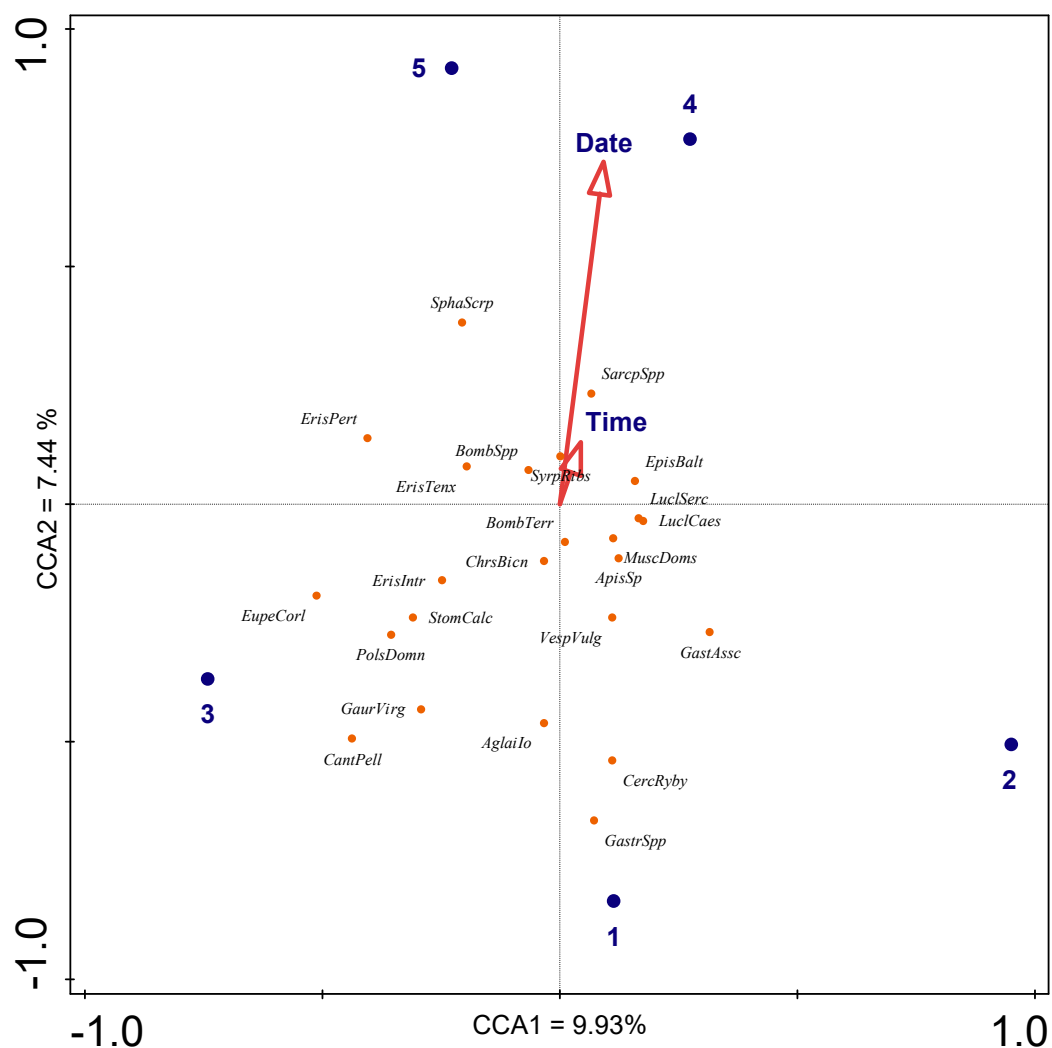


The full species name is given in Table S1;

Date – study period from 5.08.2019-24.10.2020;

Time – time of the day: 9:00 a.m. - 6:00 p.m.

Supplementary Figure S2. The CCA biplot shows the taxa abundance in relation to the date and time of observations in 5 sites in 2020.



The full species name is given in Table S1;

Date – study period from 5.08.2019-24.10.2020;

Time – time of the day: 9:00 a.m. - 6:00 p.m.

Supplementary Table S1. List of floral visitors and true pollinators of *Fallopia baldschuanica* in Wrocław, SW Poland.

Insect order	Family	Species	Abbreviation
Hymenoptera	Apidae	<i>Apis sp.*</i>	<i>ApisSp</i>
		<i>Bombus sp.*</i>	<i>BombSpp</i>
		<i>Bombus terrestris*</i>	<i>BombTerr</i>
	Crabronidae	<i>Cerceris rybyensis*</i>	<i>CercRyby</i>
	Gasteruptiidae	<i>Gasteruption assectator*</i>	<i>GastAssc</i>
		<i>Gasteruption spp.*</i>	<i>GastrSpp</i>
	Vespidae	<i>Vespula vulgaris*</i>	<i>VespVulg</i>
		<i>Polistes dominula*</i>	<i>PolsDomn</i>
Diptera	Calliphoridae	<i>Lucilia caesar*</i>	<i>LuclCaes</i>
		<i>Lucilia sericata*</i>	<i>LuclSerc</i>
	Muscidae	<i>Musca domestica*</i>	<i>MuscDoms</i>
		<i>Stomoxys calcitrans*</i>	<i>StomCalc</i>
	Sarcophagidae	<i>Sarcophaga spp.*</i>	<i>SarcpSpp</i>
	Syrphidae	<i>Chrysotoxum bicinctum*</i>	<i>ChrsBicn</i>
		<i>Eupeodes corollae*</i>	<i>EupeCorl</i>
		<i>Episyrphus balteatus*</i>	<i>EpiBalt</i>
		<i>Eristalis intricaria*</i>	<i>ErisIntr</i>
		<i>Eristalis tenax*</i>	<i>ErisTenx</i>
		<i>Eristalis pertinax*</i>	<i>ErisPert</i>
		<i>Sphaerophoria scripta*</i>	<i>SphaScrp</i>
		<i>Syrphus ribesii*</i>	<i>SyprRibs</i>
Coleoptera	Cantharidae	<i>Cantharis pellucida</i>	<i>CantPell</i>
	Cerambycidae	<i>Gaurotes virginea</i>	<i>GaurVirg</i>
Lepidoptera	Nymphalidae	<i>Aglais io</i>	<i>AglaiIo</i>

Abbreviation: * true pollinators

Supplementary Table S2. The statistics of the Canonical Correspondence Analysis (CCA) for 2019.

	CCA1	CCA2	CCA3	CCA4
Eigenvalues	0.094	0.031	0.0092	0.0067
Explained variation (cumulative)	16.28	21.59	23.18	24.34
Pseudo-canonical correlation	0.85	0.79	0.54	0.50
Total variation	0.58			
Explanatory variables variance	25.24%			
Significance of the axes	F=19.4, P=0.002			

Supplementary Table S3. The statistics of the Canonical Correspondence Analysis (CCA) for 2020.

	CCA1	CCA2	CCA3	CCA4
Eigenvalues	0.074	0.055	0.034	0.019
Explained variation (cumulative)	9.93	17.37	21.91	24.45
Pseudo-canonical correlation	0.82	0.83	0.77	0.63
Total variation	0.74			
Explanatory variables variance	26.18%			
Significance of the axes	F=27.3, P=0.002			