

EO services contributing to support restoration targets, such as biodiversity, terrestrial ecosystems, agricultural and forest ecosystems.



- Users:** Environmental Agencies, Government Bodies, Conservation Organizations, Agroforestry and Agriculture, Land Managers.
- Challenge:** Collection and analysis of biodiversity data, habitat classification and mapping, monitoring trends over time, getting insights for conservation efforts and policy decision making.
- Initiative:** While in development, the product has undergone several iterations and is currently in its full version, used by a few organizations. It has demonstrated proven results, receiving positive feedback on its biodiversity monitoring efficiency.
- Results:** EO technology, unlike other monitoring methods, allows large-scale monitoring, including remote or inaccessible areas, without the need for in-field survey. This method enables regular frequent monitoring with high analysis precision and data continuity.
- Service provider:** Spottitt's biodiversity monitoring service have been used by Warwickshire Wildlife Trust along with Warwickshire County Council, and EcoRecord, which is an Environmental Record Centre for Birmingham and the Black County.
- References:** <https://spottitt.com/biodiversity-monitoring/>



Asset Name	Type	Distance [m]	Height	Height estimate [m]	Area [m2]	Date
1	Droptail	0.4	0.40	16	93.41	2023-04-05
2	Droptail	0.34	0.30	16	28.82	2023-04-05
3	Droptail	0.64	0.6	16	26.29	2023-04-05
4	Droptail	4.42	0.60	16	0.26	2023-04-05
5	Droptail	4.28	0.6	16	1.23	2023-04-05
6	Droptail	4.33	0.30	16	0.70	2023-04-05
7	Droptail	4.64	0.6	16	0	2023-04-05
8	Droptail Trees	4.66	0.6	16	0.9	2023-04-05
9	Droptail Trees	4.66	0.30	16	9.86	2023-04-05
10	Cropland	0.5	0.40	16	1.6	2023-04-05
11	Cropland	0	0.30	16	6.66	2023-04-05
12	Cropland	0.9	0.60	16	4.96	2023-04-05
13	Cropland	0	0.6	16	0.17	2023-04-05
14	Cropland	2.49	0.7	16	1.15	2023-04-05
15	Droptail Trees	4.06	0.30	16	25.34	2023-04-05