

Table S1: Coefficient of determination between the individual EVI -based DHIs of the four main taxa. Significant relations: *** $p < 0.001$.

	All DHIs R ² adj	Cumulative DHI R ² adj	Minimum DHI R ² adj	Variation DHI R ² adj
Mammals	0.02***	0.00***	0.00***	0.02***
birds	0.09***	0.05***	0.06***	0.02***
Breeding birds	0.07***	0.04***	0.05***	0.02***
Non-breeding birds	0.07***	0.04***	0.05***	0.02***

Table S2: Coefficient of determination between the individual GPP -based DHIs of the four main taxa. Significant relations: *** $p < 0.001$.

	All DHIs R ² adj	Cumulative DHI R ² adj	Minimum DHI R ² adj	Variation DHI R ² adj
Mammals	0.14***	0.13***	0.00***	0.09***
birds	0.24***	0.23***	0.01***	0.16***
Breeding birds	0.24***	0.22***	0.01***	0.15***
Non-breeding birds	0.24***	0.22***	0.01***	0.15***

Table S3: Coefficient of determination between the individual LAI -based DHIs of the four main taxa. Significant relations: *** $p < 0.001$.

	All DHIs R ² adj	Cumulative DHI R ² adj	Minimum DHI R ² adj	Variation DHI R ² adj
Mammals	0.14***	0.12***	0.02***	0.04***
birds	0.33***	0.20***	0.04***	0.06***
Breeding birds	0.23***	0.20***	0.04***	0.06***
Non-breeding birds	0.23***	0.20***	0.04***	0.06***

Table S4: Coefficient of determination between the individual NDVI -based DHIs of the four main taxa. Significant relations: *** $p < 0.001$.

	All DHIs R ² adj	Cumulative DHI R ² adj	Minimum DHI R ² adj	Variation DHI R ² adj
Mammals	0.01***	0.00***	0.00***	0.01***
birds	0.05***	0.02***	0.03***	0.01***
Breeding birds	0.04***	0.02***	0.03***	0.01***
Non-breeding birds	0.04***	0.02***	0.03***	0.01***

Table S5: Coefficient of determination between the individual NDVI -based DHIs of the four main taxa.

	All DHIs R ² adj	Cumulative DHI R ² adj	Minimum DHI R ² adj	Variation DHI R ² adj
Mammals	0.14	0.12	0.03	0.12
birds	0.25	0.20	0.04	0.19
Breeding birds	0.24	0.20	0.05	0.18
Non-breeding birds	0.01	0.00	0.00	0.00