

GCN HSI RESULTS 2022

Parameter	Description	Pond 1		Pond 2	
		Score	Index	Score	Index
Location	England = optimal	Optimal	1.00	Optimal	1.00
Pond Area	Measure pond surface area (m ²) and round to nearest 50m ²	50.00	0.10	800.00	1.10
Pond Drying	Never, rarely, annually, sometimes	Rarely	1.00	Sometimes	0.50
Water Quality	Abundant/Moderate/Low invertebrate community/Few submerged plants/clearly polluted	Moderate	0.67	Moderate	0.67
Shade	Estimate percentage perimeter shaded to 1m from shore	40.00	1.00	60.00	1.00
Fowl	No evidence/present but little impact/severe impact	Minor	0.67	Major	0.01
Fish	No records/no evidence but local conditions suggest they may be present/small number of carp, goldfish or stickelback/ dense populations	Possible	0.67	Possible	0.67
Ponds	Count number of ponds within 1km of survey pond, not separated by major barriers	6.00	0.79	6.00	0.79
Terrestrial Habitat	Good terrestrial habitat offers cover and foraging opportunities and includes meadow, rough grassland, hedges scrub and woodland	Good	1.00	Good	1.00
Macrophytes	Estimate percentage of pond surface occupied	10.00	0.40	45.00	0.75
		TOTAL	0.627	TOTAL	0.520
		CATEGORY	Average	CATEGORY	

					Below Average
		Pond 3		Pond 4	
Parameter	Description	Score	Index	Score	Index
Location	England = optimal	Optimal	1.00	Optimal	1.00
Pond Area	Measure pond surface area (m ²) and round to nearest 50m ²	100.00	0.20	50.00	0.10
Pond Drying	Never, rarely, annually, sometimes	Never	0.90	Never	0.90
Water Quality	Abundant/Moderate/Low invertebrate community/Few submerged plants/clearly polluted	Moderate	0.67	Moderate	0.67
Shade	Estimate percentage perimeter shaded to 1m from shore	20.00	1.00	0.00	1.00
Fowl	No evidence/present but little impact/severe impact	Major	0.01	Major	0.01
Fish	No records/no evidence but local conditions suggest they may be present/small number of carp, goldfish or stickelback/ dense populations	Major	0.01	Major	0.01
Ponds	Count number of ponds within 1km of survey pond, not separated by major barriers	6.00	0.79	6.00	0.79
Terrestrial Habitat	Good terrestrial habitat offers cover and foraging opportunities and includes meadow, rough grassland, hedges scrub and woodland	Moderate	0.67	Moderate	0.67
Macrophytes	Estimate percentage of pond surface occupied	60.00	0.90	0.00	0.30
		TOTAL	0.299	TOTAL	0.250

CATEGORY	Poor	CATEGORY	Poor
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GCN HSI RESULTS 2025

Habitat Suitability Index Calculator

		P20		P3		P4		P26	
Parameter	Description	Score	Index	Score	Index	Score	Index	Score	Index
Location	England = optimal	Optimal	1.00	Optimal	1.00	Optimal	1.00	Optimal	1.00
Pond Area	Measure pond surface area (m ²) and round to nearest 50m ²	50.00	0.10	300.00	0.60	50.00	0.10	150.00	0.30
Pond Drying	Never, rarely, annually, sometimes	Never	0.90	Never	0.90	Never	0.90	Never	0.90
Water Quality	Abundant/Moderate/Low invertebrate community/Few submerged plants/clearly polluted	Good	1.00	Moderate	0.67	Moderate	0.67	Poor	0.33
Shade	Estimate percentage perimeter shaded to 1m from shore	60.00	1.00	67.00	0.86	50.00	1.00	70.00	0.80
Fowl	No evidence/present but little impact/severe impact	Minor	0.67	Minor	0.67	Major	0.01	Minor	0.67
Fish	No records/no evidence but local conditions suggest they may be present/small number of carp, goldfish or stickleback/ dense populations	Absent	1.00	Minor	0.33	Major	0.01	Possible	0.67
Ponds	Count number of ponds within 1km of survey pond, not separated by major barriers	25.00	1.00	25.00	1.00	25.00	1.00	25.00	1.00
Terrestrial Habitat	Good terrestrial habitat offers cover and foraging opportunities and includes meadow, rough grassland, hedges scrub and woodland	Moderate	0.67	Good	1.00	Moderate	0.67	Poor	0.33
Macrophytes	Estimate percentage of pond surface occupied	40.00	0.70	90.00	0.90	1.00	0.31	5.00	0.35
		TOTAL	0.700	TOTAL	0.757	TOTAL	0.257	TOTAL	0.571
		CATEGORY	Good	CATEGORY	Good	CATEGORY	Poor	CATEGORY	Below Average