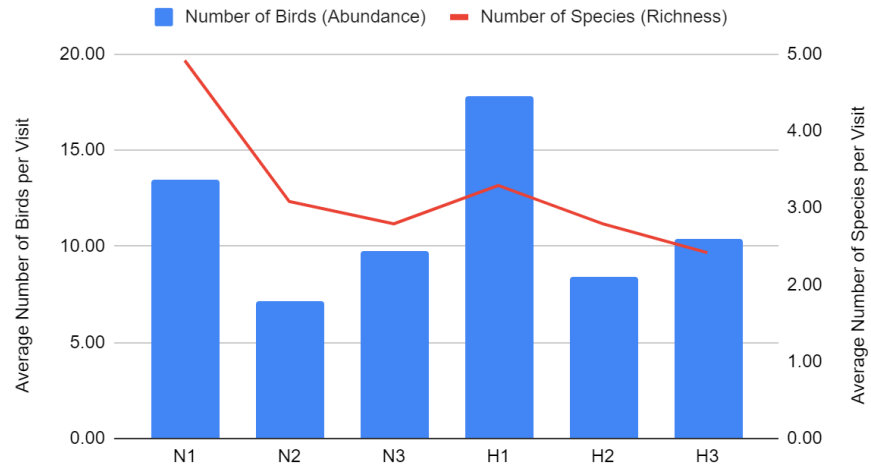


Campus Biodiversity Survey Results

Figure 1:

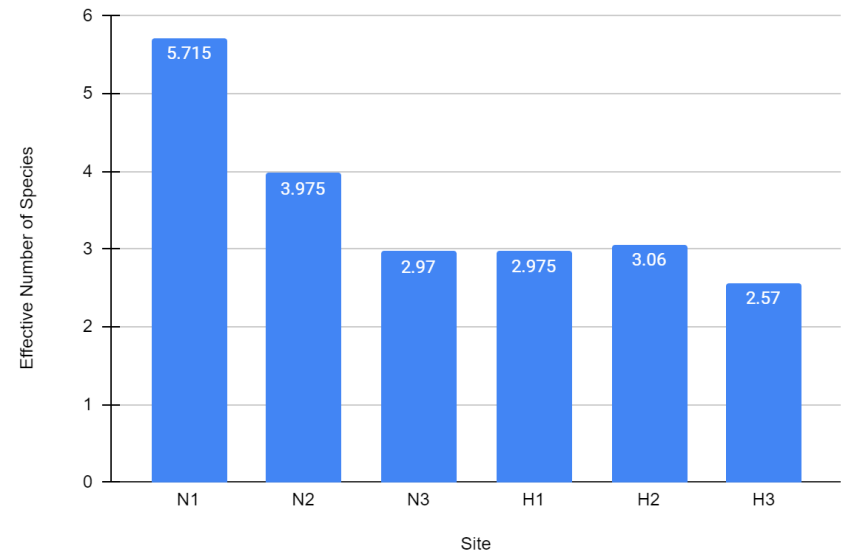
Number of Birds and Number of Species



What trends / patterns does figure 1 show:

Figure 2: Note: “effective species” is a measurement that estimates biodiversity, combining the number of species AND amount of each observed (like we did in the bird biodiversity game)

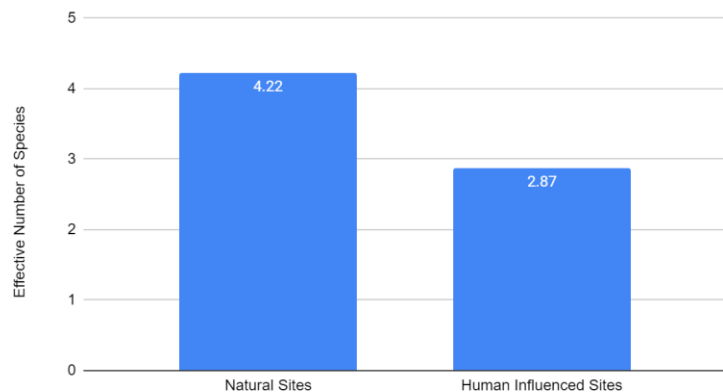
Effective Species at Each Site (Simpson's Reciprocal Index $1/D$)



What trends / patterns does figure 2 show:

Figure 3:

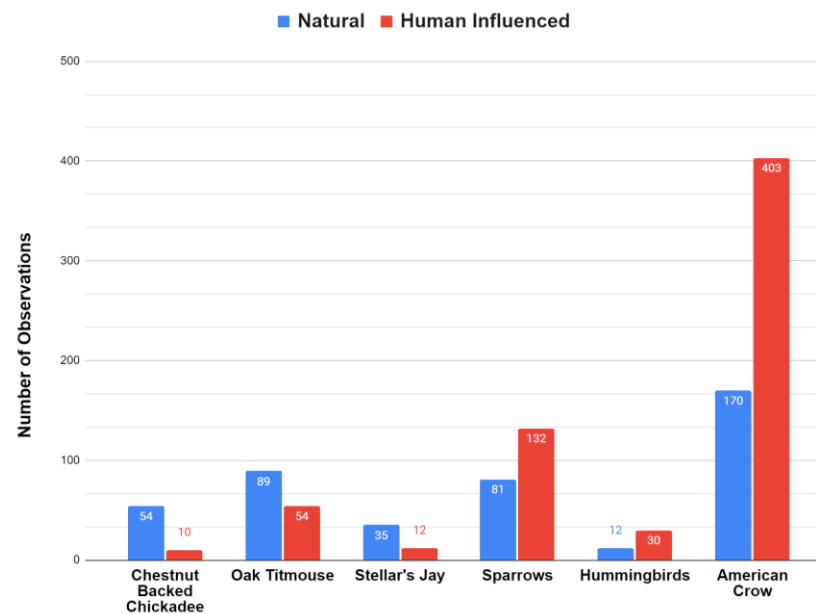
Effective Species Average (Natural vs Human Sites)



What trends / patterns does figure 3 show:

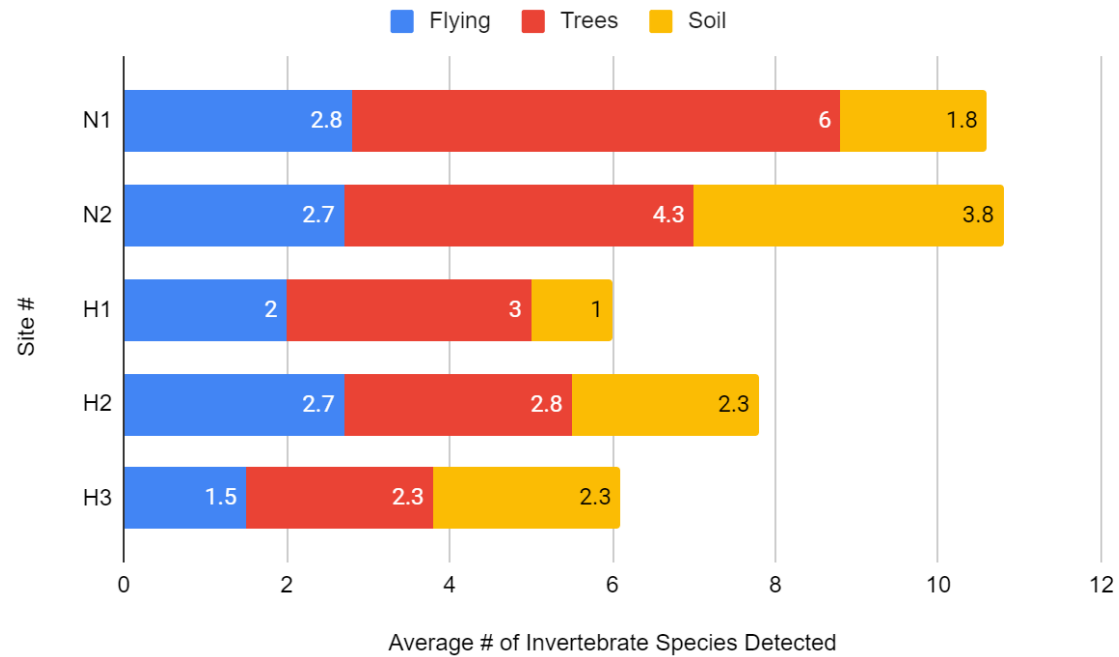
Figure 4:

Select Species Counted - Natural vs Human Sites



What trends / patterns does figure 4 show:

Figure 5: Number of Invertebrates Species Observed at Each Site



What trends / patterns does figure 5 show? How might this data connect with the number of bird species we observed at each site?

Figure 6: Results from Plant Site Survey

Artichoke Thistle	N1				H1	
Plants	Scientific Name	Nat, Int, INV		Plants	Scientific Name	Nat, Int, INV
Coyote Brush	Baccharis pilularis	NAT		Unidentified Tree	in planted boxes	???
Trailing Blackberry	Rubus ursinus	NAT		Coyote Brush (on border)	Baccharis pilularis	NAT
Coast Live Oak	Quercus agrifolia	NAT		Pines	Genus (Pinus)	Depends
Hard Pines	Genus (Pinus)	Depends		Japanese Maple	Acer palmatum	INT
Artichoke Thistle	Cynara cardunculus	INV				
Wild Radish	Raphanus sativus	INV				
Toyon	Heteromeles arbutifolia	NAT				
California Incense Cedar	Calocedrus decurrens	NAT				
	N2				H2	
Plants	Scientific Name	Nat, Int, INV		Plants	Scientific Name	Nat, Int, INV
Coast Redwood	Sequoia sempervirens	Nat		Ash trees	Genus: Fraxinus	Depends on Species
Coast Live Oak	Quercus agrifolia	NAT		Carrots	Daucus carota	INT
Coyote Brush	Baccharis pilularis	NAT		Cucumber	Cucumis sativus	INT
California Bay	Umbellularia californica	NAT		Tomatoes	Solanum lycopersicum	INT
White Clovers	Trifolium repens	INT		Squash	genus: Cucurbita	INT
Bristly Oxtongue	Helminthotheca echioides	INT		Apple tree	genus: Malus	INT
Artichoke Thistle	Cynara cardunculus	INV		Grapevine	Vitis vinifera	INT
Holm Oak	Quercus ilex	INT		Mexican bush sage	Salvia leucantha	INT
Tanoak	Notholithocarpus densiflorus	NAT		geraniums	Genus: Geranium	Depends on Species
Italian Thistle	Carduus pycnocephalus	INV		roses	Genus: Rosa	Depends on Species
Bull Thistle	Cirsium vulgare	INV				
	N3				H3	
Plants	Scientific Name	Nat, Int, INV		Plants	Scientific Name	Nat, Int, INV
Ivy	hedera helix	INV		Toyon	Heteromeles arbutifolia	NAT
Coast Live Oak	Quercus agrifolia	NAT		Rosemary	Salvia rosmarinus	INT
Hard Pines	genus Pinus	Both		Mexican bush sage	Salvia leucantha	INT
Eurabbie	Eucalyptus globulus	INT		New Zealand flax	Phormium tenax	INT
				Pride of Maderia	Echium candicans	INT
				Olive	Olea europaea	INT
				Japenese Barberry	Berberis thunbergii	INT
				Juniper	Genus: Juniperus	Depends on Species
				Chinese Hackberry	Celtis sinensis	INT

What does the table above show? How might it be useful in explaining the results of our bird study?