

## Supporting Information Files

**Appendix S1** Definitions of the metrics used in this study to describe network structure.

### Network level parameters:

- (1) *Species richness*. Total number of plants and animals in the bipartite network.
- (2) *Connectance*. Realized proportion of possible links: sum of links divided by number of cells in the matrix (the latter being the product between the number of higher trophic level species –animals, in our case- and the number of lower trophic level species –plants, in our case).
- (3) *Interaction asymmetry (or interaction strength asymmetry)*. Difference between the interaction strength (i.e. the relative frequency) of each animal species  $i$  on each plant species  $j$  and its reverse from the plant perspective, standardized by the sum of interaction strength values of species  $i$  on  $j$  and of species  $j$  on  $i$  (Bascompte *et al.* 2006; extended by Blüthgen 2010). Values vary between  $-1$  and  $1$ , where positive values indicate a high dependence of animal on plant species and negative values indicate the opposite. Given that this variable, by its mathematical definition, is closely associated with web asymmetry, this correlation is accounted with null models (see further details in Blüthgen 2010). Thus, for each network in the data set, we computed 1000 randomized interaction matrices simulated with the Patefield algorithm, which randomly redistributes interaction events among all cells of the matrix while holding the number of interaction events per species constant. Thus, web asymmetries were held constant in all

simulated networks, while interactions were reallocated between pairs of species according to species interaction frequencies. The difference between observed asymmetries of interaction strength and the mean asymmetry of interaction strength across the 1000 simulations gives the null-model-corrected asymmetry of interaction strength.

(4) *Interaction evenness (IE)*, a measure of the uniformity of interactions between species in a network, based on Shannon's evenness (Tylianakis *et al.* 2007). An uneven network has a high skewness in the distribution of interaction weights. It ranges from 0 (completely uneven) to 1 (completely uniform).

(5) *Network specialization  $H_2'$*  (Blüthgen *et al.* 2006). Measure of the level of network selectiveness, is also derived from Shannon entropy and is related to weighted specialization ( $d'$ ) across all species. It ranges between 0 (opportunistic, high niche overlap) and 1 (selective, high niche differentiation).

(6) *Weighted NODF (WNODF; Weighted Nestedness based on Overlap and Decreasing Fill; Almeida-Neto & Ulrich 2011)*, a measure of the degree of nestedness for quantitative data. Networks are nested if those species with fewer interactions are preferentially associated with a subset of species that interact with the most connected ones. It ranges from 0 (not nested network) to 100 (highly nested network). The significance of WNODF was tested by comparing it with that obtained from 1000 randomized networks constrained by the total abundances of each row and column as the empirical one; we used the null model *rc*, which assigns individuals to matrix cells proportional

to observed row and column abundance totals until, for each row and column, total abundances are reached.

(7) *Modularity (M)*, refers to the existence of subsets (modules) of more closely interacting species with relatively few or no interactions to other subsets (Guimerà *et al.* 2010). It was obtained with the software MODULAR (Marquitti *et al.* 2014).

### **Species level parameters:**

(8) *Species specialization for plants ( $d_p$ ) and animals ( $d_a$ )* (Blüthgen *et al.* 2006) gives levels of specialization of each species, accounting for the available resources provided by the interaction partners (calculated as marginal totals in the matrix). This index increases with the deviation from random selection of the available interaction partners based on their abundance. Thus, a pollinator species, for example, that visits flowering plant species proportionally to their availability in the community is considered generalized, while a species that visits rare plants disproportionately is considered specialized. It is actually an index of selectivity, thus we could call the 'generalized' species as 'opportunistic' and the 'specialized' species as 'selective'. Note that a particular species can be opportunistic in one community but selective in another one, depending on the abundance of its partners.

(9) *Species strength*. The strength of an animal species ( $st'_a$ ) is defined as the sum of dependencies of the plants relying on the particular pollinator, whereas the strength of a plant ( $st'_p$ ) is the sum of dependencies of the pollinators relying on the particular plant species (Bascompte *et al.* 2006).

We calculated the dependence of a pollinator species on a particular plant species by dividing the number of visits of that pollinator to that plant by the total number of pollinator visits that plant receives. Conversely, the dependence of a plant species on a particular pollinator species is obtained by dividing the number of times the pollinator visited the plant by the total number of visits of that pollinator species to plants in the community.

## References

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**Table S1** Complete list of flowering species observed in this study, including origin, overall number of observed visits per plant species and estimated flower abundance (calculated by multiplying the mean number of flowers on two individuals per transect by the total number of individuals counted along the transects). The eight plant species that have not received any recorded visit during the censuses are marked with an asterisk.

Family	Species	Origin	Total observed number of visits	Total estimated flower abundance
Acanthaceae	<i>Blechum pyramidatum</i>	Native	7	939
Acanthaceae	<i>Justicia galapagana</i>	Endemic	11	246
Amaranthaceae	<i>Alternanthera echinocephala</i>	Native	93	162387
Apocynaceae	<i>Catharanthus roseus</i>	Introduced	10	666
Apocynaceae	<i>Vallesia glabra</i>	Native	42	3536
Asteraceae	<i>Acmella sodiroi</i>	Introduced	60	1756
Asteraceae	<i>Adenostemma platyphyllum</i>	Introduced	72	55249
Asteraceae	<i>Ageratum conyzoides</i>	Native	98	914977
Asteraceae	<i>Bidens pilosa</i>	Questionable Native	564	281940
Asteraceae	<i>Blainvillea dichotoma</i>	Native	107	549070
Asteraceae	<i>Centratherum punctatum*</i>	Introduced	0	28
Asteraceae	<i>Conyza canadensis</i>	Introduced	2	3000
Asteraceae	<i>Eclipta prostrata</i>	Native	17	623
Asteraceae	<i>Jaegeria gracilis</i>	Endemic	339	169159
Asteraceae	<i>Macraea loricifolia</i>	Endemic	53	60330
Asteraceae	<i>Porophyllum ruderales</i>	Introduced	55	5855
Asteraceae	<i>Pseudelephantopus spiralis</i>	Introduced	135	60906
Asteraceae	<i>Scalesia pedunculata</i>	Endemic	292	12505
Asteraceae	<i>Sonchus oleraceus*</i>	Introduced	0	23
Asteraceae	<i>Synedrella nodiflora</i>	Introduced	1	3362
Boraginaceae	<i>Cordia leucophlyctis</i>	Endemic	435	156645
Boraginaceae	<i>Cordia lutea</i>	Native	300	108473
Boraginaceae	<i>Heliotropium angiospermum</i>	Native	164	68879
Boraginaceae	<i>Tournefortia psilostachya</i>	Native	10	2838
Boraginaceae	<i>Tournefortia pubescens</i>	Endemic	137	285522
Boraginaceae	<i>Tournefortia rufo-sericea</i>	Endemic	221	139789
Brassicaceae	<i>Lepidium virginicum</i>	Introduced	12	4900
Burseraceae	<i>Bursera graveolens</i>	Native	8	23700
Cactaceae	<i>Opuntia echios</i>	Endemic	76	967
Caesalpinaceae	<i>Parkinsonia aculeata</i>	Native	156	9339
Caesalpinaceae	<i>Senna obtusifolia</i>	Introduced	3	830
Caesalpinaceae	<i>Senna occidentalis</i>	Native	25	1074
Caryophyllaceae	<i>Drymaria cordata</i>	Native	21	27924
Celastraceae	<i>Mavtenus octogona</i>	Native	1162	140110
Commelinaceae	<i>Commelina diffusa</i>	Native	24	3066
Commelinaceae	<i>Tradescantia fluminensis</i>	Introduced	2	56
Convolvulaceae	<i>Evolvulus convolvuloides</i>	Native	11	48341
Convolvulaceae	<i>Evolvulus simplex</i>	Native	2	816
Convolvulaceae	<i>Ipomoea nil</i>	Introduced	11	1374
Convolvulaceae	<i>Ipomoea triloba</i>	Native	106	17911
Convolvulaceae	<i>Merremia aegyptia</i>	Native	31	24081
Cucurbitaceae	<i>Cucumis dipsaceus</i>	Introduced	11	569
Cucurbitaceae	<i>Momordica charantia</i>	Introduced	93	16371
Euphorbiaceae	<i>Croton scouleri</i>	Endemic	378	250401
Euphorbiaceae	<i>Hippomane mancinella</i>	Native	27	64125
Fabaceae	<i>Crotalaria pumila*</i>	Native	0	7
Fabaceae	<i>Crotalaria retusa</i>	Introduced	3	377
Fabaceae	<i>Desmodium glabrum</i>	Questionable Native	2	1460
Fabaceae	<i>Desmodium incanum</i>	Questionable Native	14	1580
Fabaceae	<i>Desmodium intortum</i>	Questionable Native	27	8016
Fabaceae	Fabaceae	?	1	1104
Fabaceae	<i>Galactia striata</i>	Native	83	3042
Fabaceae	<i>Rhynchosia minima</i>	Native	271	58611
Fabaceae	<i>Tephrosia cinerea</i>	Native	35	844
Fabaceae	<i>Vigna luteola</i>	Native	7	115
Hypoxidaceae	<i>Hypoxis decumbens</i>	Native	20	534

Lamiaceae	<i>Hyptis pectinata</i>	Introduced	605	700414
Lamiaceae	<i>Hyptis rhomboidea</i>	Introduced	9	7158
Lamiaceae	<i>Hyptis sidifolia</i>	Introduced	4	8104
Lamiaceae	<i>Salvia occidentalis</i>	Native	15	6156
Loasaceae	<i>Mentzelia aspera</i>	Native	74	152479
Lythraceae	<i>Cuphea carthagenensis</i>	Native	143	56664
Lythraceae	<i>Cuphea racemosa</i>	Introduced	26	11802
Malvaceae	<i>Abutilon depauperatum</i>	Endemic	81	6365
Malvaceae	<i>Anoda acerifolia</i>	Introduced	75	2712
Malvaceae	<i>Bastardia viscosa</i>	Native	72	34634
Malvaceae	<i>Gossypium darwinii</i>	Endemic	24	452
Malvaceae	<i>Sida ciliaris</i>	Introduced	8	2753
Malvaceae	<i>Sida rhombifolia</i>	Introduced	145	65519
Malvaceae	<i>Sida salviifolia</i>	Native	38	7786
Melastomataceae	<i>Miconia robinsoniana</i>	Endemic	332	506955
Mimosaceae	<i>Acacia rorudiana</i>	Questionable Endemic	26	17737
Mimosaceae	<i>Desmanthus virgatus</i>	Native	14	3995
Myrtaceae	<i>Psidium galapageium*</i>	Endemic	0	121
Myrtaceae	<i>Psidium guaiava</i>	Introduced	29	335
Nyctaginaceae	<i>Boerhavia caribaea</i>	Native	57	10248
Nyctaginaceae	<i>Boerhavia erecta</i>	Native	6	85
Nyctaginaceae	<i>Commicarpus tuberosus</i>	Native	107	30748
Nyctaginaceae	<i>Cryptocarpus pyriformis</i>	Native	235	1438738
Nyctaginaceae	<i>Pisonia floribunda*</i>	Endemic	0	300
Onagraceae	<i>Ludwigia leptocarpa</i>	Native	66	1571
Oxalidaceae	<i>Oxalis corniculata*</i>	Introduced	0	4
Oxalidaceae	<i>Oxalis corymbosa*</i>	Introduced	0	4
Oxalidaceae	<i>Oxalis dombevi</i>	Native	4	316
Passifloraceae	<i>Passiflora edulis</i>	Introduced	78	315
Passifloraceae	<i>Passiflora foetida</i>	Endemic	48	3020
Passifloraceae	<i>Passiflora suberosa</i>	Native	11	95
Plumbaginaceae	<i>Plumbago scandens</i>	Native	141	22698
Poaceae	<i>Paspalum conjugatum</i>	Questionable Native	86	274362
Polygonaceae	<i>Polygonum galapagense</i>	Endemic	66	55596
Portulacaceae	<i>Portulaca oleracea</i>	Questionable Native	27	4572
Portulacaceae	<i>Talinum paniculatum</i>	Introduced	25	13470
Rhamnaceae	<i>Scutia spicata</i>	Questionable Endemic	90	69560
Rosaceae	<i>Rubus niveus</i>	Introduced	105	22552
Rubiaceae	<i>Chiococca alba</i>	Native	36	108328
Rubiaceae	<i>Diodia radula</i>	Native	376	175280
Rubiaceae	<i>Psychotria rufipes</i>	Endemic	63	6341
Rutaceae	<i>Citrus x aurantium</i>	Introduced	36	1100
Rutaceae	<i>Zanthoxylum fagara</i>	Native	8	1000
Sapindaceae	<i>Cardiospermum galapageium</i>	Endemic	115	27422
Scrophulariaceae	<i>Calceolaria meistantha</i>	Native	2	375
Scrophulariaceae	<i>Capraria biflora</i>	Native	12	660
Solanaceae	<i>Browallia americana</i>	Introduced	35	1928
Solanaceae	<i>Capsicum frutescens</i>	Introduced	4	22
Solanaceae	<i>Physalis angulata</i>	Native	7	301
Solanaceae	<i>Physalis pubescens</i>	Native	3	6
Solanaceae	<i>Solanum americanum*</i>	Questionable Native	0	447
Solanaceae	<i>Solanum pimpinellifolium</i>	Introduced	20	3336
Sterculiaceae	<i>Waltheria ovata</i>	Native	632	241892
Valerianaceae	<i>Valeriana chaerophylloides</i>	Questionable Native	64	4895
Verbenaceae	<i>Citharexylum gentryi</i>	Introduced	5	376
Verbenaceae	<i>Clerodendrum molle</i>	Native	230	44447
Verbenaceae	<i>Lantana camara</i>	Introduced	127	298359
Verbenaceae	<i>Lantana peduncularis</i>	Endemic	95	60882
Verbenaceae	<i>Phyla stringulosa</i>	Native	108	209907
Verbenaceae	<i>Stachytarpheta cavennensis</i>	Introduced	179	132000
Verbenaceae	<i>Verbena litoralis</i>	Questionable Native	71	45981
Verbenaceae	<i>Verbena sedula</i>	Endemic	60	28377
Zygophyllaceae	<i>Tribulus cistoides</i>	Questionable Native	122	3177

**Table S2** Complete list of flower visitors found in this study, including origin and the overall number of observed visits per animal species.

Class	Order	Species	Origin	Total observed visits
Aves	Passeriformes	Dendroica petechia	Endemic	2
Aves	Passeriformes	Geospiza fuliginosa	Endemic	8
Aves	Passeriformes	Geospiza scandens	Endemic	3
Entognatha	Collembola	Entomobrvidae sp. 1		1
Insecta	Coleoptera	Acanthoscelides fuscomaculatus	Endemic	4
Insecta	Coleoptera	Acanthoscelides manlevi	Native	1
Insecta	Coleoptera	Acanthoscelides rossi	Endemic	15
Insecta	Coleoptera	Amblycerus galapagoensis	Native	1
Insecta	Coleoptera	Brentus volvulus	Introduced	1
Insecta	Coleoptera	Calosoma sp.		5
Insecta	Coleoptera	Coccidophilus sp.1		5
Insecta	Coleoptera	Coccinellidae sp. 1		1
Insecta	Coleoptera	Coccinellidae sp. 2		1
Insecta	Coleoptera	Conotelus sp.	Introduced	5
Insecta	Coleoptera	Cycloneda sanguinea	Native	11
Insecta	Coleoptera	Diomus anthonv	Native	1
Insecta	Coleoptera	Dipropus puberulus	Native	1
Insecta	Coleoptera	Galapaganus ashlocki	Endemic	1
Insecta	Coleoptera	Galerucinae sp. 1		1
Insecta	Coleoptera	Hypasclera collenetti	Endemic	15
Insecta	Coleoptera	Longitarsus galapagoensis	Endemic	3
Insecta	Coleoptera	Minographus sp.		2
Insecta	Coleoptera	Mordellistena galapagoensis	Endemic	6
Insecta	Coleoptera	Myochrous especies		1
Insecta	Coleoptera	Myochrous sp.	Questionable Native	1
Insecta	Coleoptera	Ormiscus variegatus	Endemic	2
Insecta	Coleoptera	Physorhinus galapagoensis	Endemic	1
Insecta	Coleoptera	Rodolia cardinalis	Introduced	3
Insecta	Coleoptera	Scutobrychus ceratioborus	Native	2
Insecta	Coleoptera	Sennius falcatus	Native	3
Insecta	Coleoptera	Thermonectus basillaris	Endemic	3
Insecta	Coleoptera	Xyleborus spinulosus	Questionable Native	1
Insecta	Diptera	Allograpta splendens	Endemic	135
Insecta	Diptera	Anastrepha fraterculus	Introduced	13
Insecta	Diptera	Asteiidae sp. 4		6
Insecta	Diptera	Campiglossa crockeri	Endemic	5
Insecta	Diptera	Cecidomyiidae sp.1		2
Insecta	Diptera	Chloropidae sp.		6
Insecta	Diptera	Chloropidae sp. 2		3
Insecta	Diptera	Chrysanthrax primitivus	Endemic	9
Insecta	Diptera	Chrysomya albiceps	Introduced	11
Insecta	Diptera	Chrysomya sp. 1		2
Insecta	Diptera	Cochliomyia macellaria	Introduced	5
Insecta	Diptera	Cymoninus notabilis	Questionable Native	4
Insecta	Diptera	Cyrtoneuropsis rescita	Introduced	1
Insecta	Diptera	Dasyhelea mutabilis	Questionable Native	30
Insecta	Diptera	Dasvhelea sp.		3
Insecta	Diptera	Drosophila sp.		4
Insecta	Diptera	Drosophila sp. 1		3
Insecta	Diptera	Drosophilidae sp.1		1
Insecta	Diptera	Forcipomyia sp. 1		1
Insecta	Diptera	Hypphantropha sp.	Introduced	4
Insecta	Diptera	Leia sp.		3
Insecta	Diptera	Lepidanthrax tinctus	Introduced	7
Insecta	Diptera	Limonia galapagoensis	Endemic	42
Insecta	Diptera	Limonia sp. 1		182
Insecta	Diptera	Liohippелates sp.		1
Insecta	Diptera	Liohippелates sp.1		10
Insecta	Diptera	Lonchaeidae sp. 1		1
Insecta	Diptera	Lucilia piona	Endemic	3
Insecta	Diptera	Lucilia sp. 1		27
Insecta	Diptera	Mycetophilidae sp.1		6
Insecta	Diptera	Nemotelus albiventris	Endemic	3



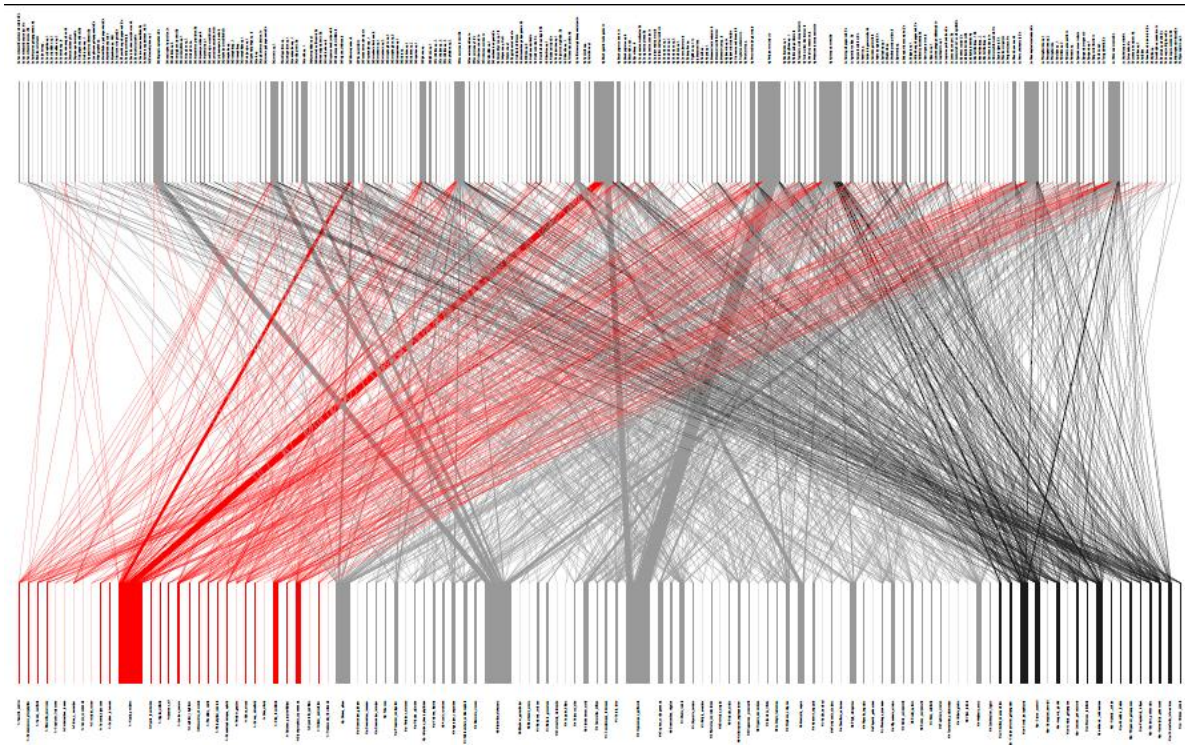
Insecta	Diptera	Neodexiopsis devia	Endemic	1
Insecta	Diptera	Ornidia obesa	Introduced	54
Insecta	Diptera	Oxysarcodexia taitensis	Introduced	47
Insecta	Diptera	Palaeosepsis armillata	Introduced	6
Insecta	Diptera	Palpada albifrons	Introduced	78
Insecta	Diptera	Philornis downsi	Introduced	67
Insecta	Diptera	Piezia sinclairi	Introduced	2
Insecta	Diptera	Pseudodoros clavatus	Introduced	76
Insecta	Diptera	Psychodidae sp. 1		1
Insecta	Diptera	Sarcodexia lambens	Introduced	41
Insecta	Diptera	Sarcodexia sp. 1		4
Insecta	Diptera	Sarcodexia sp. 2		15
Insecta	Diptera	Sarcophagidae sp. 4		5
Insecta	Diptera	Sarcophagidae sp. 5		12
Insecta	Diptera	Scatopsidae sp. 1		2
Insecta	Diptera	Sciara sp.		8
Insecta	Diptera	Sciaridae sp. 1		6
Insecta	Diptera	Sciaridae sp. 2		36
Insecta	Diptera	Sepsidae sp. 1		1
Insecta	Diptera	Siphona sp.		303
Insecta	Diptera	Siphona sp.1		171
Insecta	Diptera	Tachinidae sp. 2		2
Insecta	Diptera	Tachinidae sp. 3		2
Insecta	Diptera	Tachinidae sp. 4		1
Insecta	Diptera	Tephritidae sp. 2		1
Insecta	Diptera	Toxomerus crockeri	Endemic	948
Insecta	Diptera	Toxomerus politus	Introduced	8
Insecta	Diptera	Toxomerus sp.1	Endemic	11
Insecta	Diptera	Tricharaea canuta	Introduced	23
Insecta	Diptera	Tricharaea occidua	Introduced	100
Insecta	Diptera	Volucellini sp. 1		1
Insecta	Diptera	Xanthandrus agonis	Endemic	3
Insecta	Hemiptera	Alcaeorrhyncus sp. 1	Introduced	1
Insecta	Hemiptera	Arhyssus sp.	Questionable Native	3
Insecta	Hemiptera	Arhyssus sp.1		5
Insecta	Hemiptera	Engytatus modestus	Introduced	6
Insecta	Hemiptera	Horcias lacteiclavus		3
Insecta	Hemiptera	Metacanthus galapagensis	Endemic	3
Insecta	Hemiptera	Miridae sp. 3		10
Insecta	Hemiptera	Nabis consimilis	Native	4
Insecta	Hemiptera	Nabis reductus	Endemic	29
Insecta	Hemiptera	Neortholomus usingeri	Endemic	58
Insecta	Hemiptera	Niesthrea sp. 1		3
Insecta	Hemiptera	Nysius usitatus	Endemic	11
Insecta	Hemiptera	Pentatomidae sp.1		3
Insecta	Hemiptera	Polymerus nigritulus	Endemic	4
Insecta	Hemiptera	Rhinacloa sp. 1		4
Insecta	Hemiptera	Teleonemia prolixa	Native	1
Insecta	Hymenoptera	Anthidium vigintiduopunctatum	Introduced	155
Insecta	Hymenoptera	Apanteles sp.		1
Insecta	Hymenoptera	Asteiidae sp.1		4
Insecta	Hymenoptera	Brachygastra lecheguana	Introduced	546
Insecta	Hymenoptera	Brachymyrmex heeri	Introduced	313
Insecta	Hymenoptera	Brachymyrmex sp	Introduced	1
Insecta	Hymenoptera	Braconidae sp.1		1
Insecta	Hymenoptera	Bycertis sp.	Introduced	73
Insecta	Hymenoptera	Camponotus macilentus	Endemic	1
Insecta	Hymenoptera	Camponotus planus	Endemic	20
Insecta	Hymenoptera	Camponotus zonatus	Introduced	91
Insecta	Hymenoptera	Cardiocondyla emervi	Introduced	2
Insecta	Hymenoptera	Cardiocondyla minutior	Introduced	1
Insecta	Hymenoptera	Cheloninae sp. 1		1
Insecta	Hymenoptera	Cheloninae sp. 2		2
Insecta	Hymenoptera	Cheloninae sp. 3		2
Insecta	Hymenoptera	Chelonus sp. 1		2
Insecta	Hymenoptera	Conura femorata	Introduced	3
Insecta	Hymenoptera	Enicospilus sp.		48
Insecta	Hymenoptera	Figitidae sp. 1	Introduced	1
Insecta	Hymenoptera	Ichneumonidae		1
Insecta	Hymenoptera	Kapala sp.		3

Insecta	Hymenoptera	Kapala sp.1		1
Insecta	Hymenoptera	Monomorium destructor	Introduced	186
Insecta	Hymenoptera	Monomorium floricola	Introduced	127
Insecta	Hymenoptera	Monomorium sp.	Introduced	1
Insecta	Hymenoptera	Nylanderia sp.	Introduced	26
Insecta	Hymenoptera	Nylanderia steinheili	Introduced	5
Insecta	Hymenoptera	Orasema costaricensis	Introduced	8
Insecta	Hymenoptera	Oxybelus schusteri	Introduced	15
Insecta	Hymenoptera	Parasierola sp.		2
Insecta	Hymenoptera	Paratrechina longicornis	Introduced	845
Insecta	Hymenoptera	Polistes versicolor	Introduced	445
Insecta	Hymenoptera	Scelionidae sp. 1		3
Insecta	Hymenoptera	Scolecbythidae sp. 1		2
Insecta	Hymenoptera	Solenopsis geminata	Introduced	36
Insecta	Hymenoptera	Tapinoma melanocephalum	Introduced	225
Insecta	Hymenoptera	Tetramorium bicarinatum	Introduced	82
Insecta	Hymenoptera	Venturia canescens	Introduced	1
Insecta	Hymenoptera	Wasmannia auropunctata	Introduced	421
Insecta	Hymenoptera	Xylocopa darwini	Endemic	875
Insecta	Lepidoptera	Aetole galapagoensis	Endemic	8
Insecta	Lepidoptera	Agraulis vanillae	Endemic	80
Insecta	Lepidoptera	Amyna insularum	Endemic	2
Insecta	Lepidoptera	Anomis sp.		20
Insecta	Lepidoptera	Anticarsia gemmatalis	Native	15
Insecta	Lepidoptera	Asciodes gordialis	Introduced	36
Insecta	Lepidoptera	Atteva hvsginiella	Endemic	215
Insecta	Lepidoptera	Cyclophora sp.1		7
Insecta	Lepidoptera	Diaphania sp.		2
Insecta	Lepidoptera	Disclisioprocta stellata	Introduced	90
Insecta	Lepidoptera	Epidromia sp.		23
Insecta	Lepidoptera	Erinnvis ello encantada	Endemic	170
Insecta	Lepidoptera	Galagete sp.1		6
Insecta	Lepidoptera	Helioidines galapagoensis	Endemic	7
Insecta	Lepidoptera	Hellinsia cristobalis	Endemic	4
Insecta	Lepidoptera	Hemiargus ramon	Introduced	318
Insecta	Lepidoptera	Hypena sp.1		6
Insecta	Lepidoptera	Lantanophaga pusillidactyla	Introduced	1
Insecta	Lepidoptera	Lepidoptera sp. 1		9
Insecta	Lepidoptera	Leptotes parrhasioides	Endemic	273
Insecta	Lepidoptera	Leucania cooperi	Endemic	2
Insecta	Lepidoptera	Loxomorpha cf. cambogialis	Native	1
Insecta	Lepidoptera	Manduca rustica	Endemic	9
Insecta	Lepidoptera	Melipotis harrisoni	Endemic	3
Insecta	Lepidoptera	Melipotis indomita	Native	3
Insecta	Lepidoptera	Neohelvibotis sp. 1	Endemic	8
Insecta	Lepidoptera	Neohelvibotis sp. 2		1
Insecta	Lepidoptera	Neohelvibotis sp. 3		3
Insecta	Lepidoptera	Omiodes indicata	Introduced	3
Insecta	Lepidoptera	Ommatochila mundala	Native	2
Insecta	Lepidoptera	Oxvdia lignata	Endemic	1
Insecta	Lepidoptera	Paectes arcigera	Introduced	1
Insecta	Lepidoptera	Perigonia lusca	Native	1
Insecta	Lepidoptera	Phoebis sennae	Native	335
Insecta	Lepidoptera	Psara chathamalis	Endemic	4
Insecta	Lepidoptera	Pseudoplusia includens	Native	486
Insecta	Lepidoptera	Pterophoridae		4
Insecta	Lepidoptera	Pterophoridae sp. 1		38
Insecta	Lepidoptera	Pterophoridae sp. 2		9
Insecta	Lepidoptera	Pyralidae sp. 1		6
Insecta	Lepidoptera	Pyralidae sp.2		7
Insecta	Lepidoptera	Pvrausta panopealis	Introduced	57
Insecta	Lepidoptera	Pvrausta sp.		3
Insecta	Lepidoptera	Spoladea recurvalis	Introduced	145
Insecta	Lepidoptera	Spragueia margana	Introduced	9
Insecta	Lepidoptera	Spragueia sp.1		2
Insecta	Lepidoptera	Syngamia florella	Introduced	155
Insecta	Lepidoptera	Tineidae sp.1		1
Insecta	Lepidoptera	Tota galdinella	Endemic	2
Insecta	Lepidoptera	Urbanus dorantes	Endemic	696
Insecta	Lepidoptera	Utetheisa ornatrix	Native	4

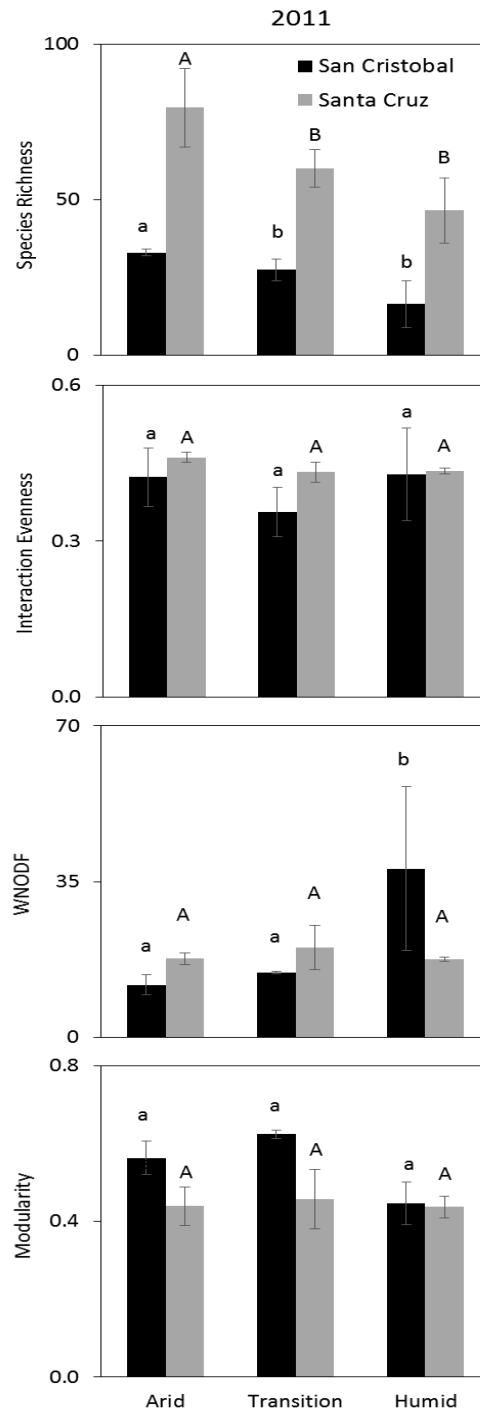
Insecta	Lepidoptera	Zale obsita	Native	5
Insecta	Odonata	Ischnura hastatum	Native	1
Insecta	Orthoptera	Acrididae		2
Insecta	Orthoptera	Acrididae sp.2		1
Insecta	Orthoptera	Anaulocamera darwinii	Endemic	10
Insecta	Orthoptera	Gryllus sp.		4
Insecta	Orthoptera	Jarmilaxipha ecuadorica	Introduced	4
Insecta	Thysanoptera	Thysanoptera sp. 1		1
Reptilia	Squamata	Microlophus bivittatus	Endemic	1

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**Figure S1.** Illustration of the entire pollination network, comprising data from the two islands (Santa Cruz and San Cristóbal), the three habitats (arid, transition and humid zones) and the two seasons (hot and cold). Data from 2010 and 2011 are also pooled. Plant species are depicted at the bottom of the network whereas pollinators are at the superior part of it. Alien (A) plants and their links are represented in red colour to illustrate the magnitude of the interactions in which they are involved, whereas endemic (Nze) and non-endemic natives (Nt) are represented in black and gray colour, respectively.



**Figure S2.** Mean ( $\pm 1$  S.E.) of network metrics showing differences between the two seasons across habitats for each study island in the hot season of 2011. Data on interaction evenness (IE) are shown for comparison with data from Figure 2 (2010 data), although differences across habitats were not significant this year. For each island, bars with the same letters indicate no differences across habitats ( $P > 0.05$ ).



**Figure S3.** Mean ( $\pm$  1 S.D.) of the species-level parameters analysed in this study, for both pollinators and plants, showing differences among species from different habitats for the two islands, and the two seasons of 2010. Bars with the same letters on each graph indicate no differences across habitats ( $P > 0.05$ ).

