**SUPPLEMENTARY INFORMATION**

**TITLE:** Flower traits of plant species and floral resource users in tropical dry evergreen forest on Coromandel Coast of India

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**Table S1.** Flower traits andfloral resource use by various faunal groups in tropical dry evergreen forest on the Coromandel Coast of India. Codes: Lf (life-form): T- tree; L- liana; H- Herb. Pt (plant type): E- evergreen; D- deciduous; B- brevi-deciduous. Flower size: S-small (≤ 1cm); M- Medium (1–2.5 cm); L- Large (≥ 2.5). Flower shape: Bi- bilabiate; Ra- radiate; Ro- rotate; Tu- tubular; Ur- urceolate/companulate; Sa- Salverform; O- others. Flower position: S- on crown surface; I- inside of crown; Ca- cauliflorous. Flower colour: W- white; Y- yellow; R- red; Gw- greenish white; G- green; Wp- white with pink; Wy- white with yellow; Yp- yellow with pink; Ybr- yellowish brown; V- violet/blue. Flower scent: F- faint; Fa- fair; S- strong. Stamen: i -included; e- exerted. Blooming time: D- day (0600–1800 hrs); N- night (1800–600 hrs). Floral rewards: N- nectar; P- pollen; F- floral tissue. For expansion of codes of faunal group see Table 1.

**Table S2.** Faunal groups that visited flowers of 110 plant species in tropical dry evergreen forest on the Coromandel Coast of India.

**Table S3.** Pearson correlation between floral traits and floral resource users in tropical dry evergreen forest on the Coromandel Coast of India. Below the diagonal correlations pooled for 110 plant species are presented.

**Table S4.** Faunal group visiting flowers of 45 plant families in the tropical dry evergreen forest.

**Table S1.** Flower traits andfloral resource use by various faunal groups in tropical dry evergreen forest on the Coromandel Coast of India. Codes: Lf (life-form): T- tree; L- liana; H- Herb. Pt (plant type): E- evergreen; D- deciduous; B- brevi-deciduous. Flower size: S-small (≤ 1cm); M- Medium (1–2.5 cm); L- Large (≥ 2.5). Flower shape: Bi- bilabiate; Ra- radiate; Ro- rotate; Tu- tubular; Ur- urceolate/companulate; Sa- Salverform; O- others. Flower position: S- on crown surface; I- inside of crown; Ca- cauliflorous. Flower colour: W- white; Y- yellow; R- red; Gw- greenish white; G- green; Wp- white with pink; Wy- white with yellow; Yp- yellow with pink; Ybr- yellowish brown; V- violet/blue. Flower scent: F- faint; Fa- fair; S- strong. Stamen: i -included; e- exerted. Blooming time: D- day (0600–1800 hrs); N- night (1800–600 hrs). Floral rewards: N- nectar; P- pollen; F- floral tissue. For expansion of codes of faunal group see Table 1.

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| Sl.no. | Species | Family | Sample size | Lf | Pt | Size | Shape | Position | Colour | Scent | Stamen | Blooming time | Floral resource utilisers |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | *Aglaia elaeagnoidea* (Juss.) Benth. | Meliaceae | 4 | T | E | S | Ro | S | W | S | e | N | Be5, Th1 |
| 2 | *Albizia amara* (Roxb.) Boivin | Mimosaceae | 10 | T | D | S | Tu | S | W | Fa | e | N | F1, Be5, Be1 |
| 3 | *Albizia lebbeck* (L.) Benth. | Mimosaceae | 4 | T | D | L | Tu | S | W | Fa | e | N | Be5, Be2 |
| 4 | *Allophyllus serratus* (Roxb.) Kurz | Sapindaceae | 4 | T | E | S | Ro | S | W | Fa | e | D | Be5, W1, Be9 |
| 5 | *Atalantia monophylla* (L.) Correa | Rutaceae | 10 | T | E | L | Tu | S | Y | S | e | N | F3, Be1, Be2, Be3, Be5, Bf1, Bf2, Bf3, Bf8, Bf11, Mo1, Th1 |
| 6 | *Azadirachta indica* A. Juss. | Meliaceae | 10 | T | B | S | Ro | S | W | S | e | N | Bf1, Mo5 |
| 7 | *Barringtonia acutangula* (L.) Gaertn. | Barringtoniaceae | 4 | T | E | M | Ra | S | G | F | e | D | Be1, Mo1, Ba |
| 8 | *Bauhinia racemosa* Lam. | Caesalpiniaceae | 4 | T | D | M | Ra | S | W | F | e | D | Be2 |
| 9 | *Benkara malabarica* (Lam.) Tirven. | Rubiaceae | 4 | T | E | M | Sa | I | W | F | e | N | Be2, Be5 |
| 10 | *Breynia vitis-idaea* (Burm. f.) Fischer | Euphorbiaceae | 4 | T | E | S | Ur | S | YP | F | e | N | Be5, Th1 |
| 11 | *Butea monosperma* (Lam.) Taubert | Papilionaceae | 4 | T | D | L | Bi | S | R | Fa | i | D | An1, Be1, Be2, Th1, B1 |
| 12 | *Calophyllum inophyllum* L. | Clusiaceae | 4 | T | E | M | Ro | S | W | Fa | e | N | Be6, Be2, Be8 |
| 13 | *Canthium dicoccum* (Gaertn.) Teijsm. & Binn. | Rubiaceae | 10 | T | E | S | Sa | S | W | Fa | e | N | Bt5, An3, Be1, Be3, Be4, Be5, W3, Bf1, Bf2, Bf3, Mo2, Mo6 |
| 14 | *Cassia fistula* L. | Caesalpiniaceae | 4 | T | D | M | Ro | S | Y | S | e | N | Be5 |
| 15 | *Chionanthus zeylanica* L. | Oleaceae | 10 | T | E | M | Sa | S | W | S | e | N | Be1, Mo1 |
| 16 | *Cordiaobliqua* Willd. | Cordiaceae | 4 | T | B | M | Ro | S | W | F | e | D | Be1, Be2, |
| 17 | *Crateva magna* (Lour.) DC. | Capparaceae | 4 | T | D | L | Ra | S | Y | S | e | N | Bf1 |
| 18 | *Diospyros ebenum* Koen. | Ebenaceae | 10 | T | E | M | Sa | I | Y | Fa | i | D | Bt4, Be5, Mo2 |
| 19 | *Diospyros ferrea* (Willd.) Bakh. | Ebenaceae | 4 | T | E | M | Ur | I | Y | Fa | i | D | Be5, Th1 |
| 20 | *Drypetes sepiaria* (Wight and Arn.) Pax and Hoffm. | Euphorbiaceae | 4 | T | E | S | Ro | S | W | F | e | D | An2, Be1, Be5, Bf2, |
| 21 | *Ehretia pubescens* Benth. | Boraginaceae | 4 | T | B | M | Ur | S | W | F | e | N | Be1 |
| 22 | *Eugenia bracteata* (Willd.) Roxb. | Myrtaceae | 4 | T | E | M | Ro | S | W | S | e | N | Bf12, Mo2 |
| 23 | *Ficus benghalensis* L. | Moraceae | 4 | T | B | S | O | S | G | F | i | D |  |
| 24 | *Ficus hispida* L.f. | Moraceae | 4 | T | B | S | O | Ca | G | F | i | D |  |
| 25 | *Ficus religiosa* L. | Moraceae | 4 | T | B | S | O | S | G | F | i | D |  |
| 26 | *Flacourtia indica* (Burm.f.) Merr. | Flacourtiaceae | 4 | T | B | S | Ro | S | Y | F | e | D | Be5 |
| 27 | *Garcinia spicata* (Wight &Arn.) J.D. Hook. | Clusiaceae | 4 | T | E | M | Ur | Ca | Y | F | e | D | An2, Be1, Bf 14, F1, Th1 |
| 28 | *Glycosmis mauritiana* Yuich. Tanaka | Rutaceae | 4 | T | E | M | Tu | S | W | Fa | e | D | F1, Be1, Be2, Be3, Be4 Be5, Bf1. Bf2, Bf3, Bf4, Bf5, Bf13, Bt2 |
| 29 | *Gmelina asiatica* L. | Verbenaceae | 4 | T | E | L | Bi | S | Y | Fa | e | D | Be2, W2, Be9 |
| 30 | *Ixora pavetta* T. Anderson | Rubiaceae | 4 | T | E | M | Sa | S | W | S | e | N | Th1, Be2, Bf3, Bf4 |
| 31 | *Lannea coromandelica* (Houtt.) Merr. | Anacardiaceae | 4 | T | D | S | Ro | S | W | F | e | D | Be1, Be2 |
| 32 | *Lepisanthes tetraphylla* (Vahl.) Radlk. | Sapindaceae | 10 | T | E | M | Tu | Ca | W | Fa | e | N | Be1, Be2, Be9, W1, W2, Th1, We1 |
| 33 | *Mallotus philippensis* (Lam.) Muell.-Arg. | Euphorbiaceae | 4 | T | E | S | O | S | Y | F | e | D | Be1, Be5 |
| 34 | *Mallotus rhamnifolius* Muell.-Arg. | Euphorbiaceae | 4 | T | E | S | O | S | G | F | e | D | An1, Be1, Be5 |
| 35 | *Manilkara hexandra* (Roxb.) Dubard | Sapotaceae | 4 | T | B | M | Ra | S | Y | Fa | e | D | Be1, Be2 |
| 36 | *Maytenusem arginata* (Willd.) Ding Hou | Celastraceae | 4 | T | E | S | O | S | W | F | e | D | F1, An2, Be1, Be5, W2 |
| 37 | *Memecylon umbellatum* Burm.f. | Melastomataceae | 10 | T | E | S | Ro | S | V | Fa | e | D | F2, An2, Be1, Be2, Bf2, Bf7 |
| 38 | *Mimusops elengi* L. | Sapotaceae | 4 | T | E | S | Ro | S | W | S | e | N | Be1, Be2, Bf8, Ba |
| 39 | *Morinda coreia* Buch.-Ham. | Rubiaceae | 10 | T | E | M | Sa | S | W | S | e | N | Be5, Mo3, |
| 40 | *Morinda pubescesns*  Sm. | Rubiaceae | 4 | T | B | M | Sa | S | W | S | e | N | F2, Be5, Bf9, Mo3, |
| 41 | *Ochna obtusata* DC. | Ochnaceae | 4 | T | D | M | Ro | S | Y | F | e | D | Bf11 |
| 42 | *Pamburusmissionis* (Wight) Swingle | Rutaceae | 4 | T | E | M | Ra | S | W | S | e | N | Be1, Be2 |
| 43 | *Pleiospermium alatum* (Wall. ex Wight. & Arn.) Swingle | Rutaceae | 4 | T | E | M | Ra | S | W | F | e | D | Be1 |
| 44 | *Pongamia pinnata* (L.) Pierre | Papilionaceae | 4 | T | B | S | Bi | S | P | Fa | i | D | Be5, Bf2 |
| 45 | *Premna latifolia* Roxb. | Verbenaceae | 4 | T | E | S | Bi | S | Y | F | i | D | W2, W4 |
| 46 | *Pterospermum canescens* Roxb. | Sterculiaceae | 10 | T | B | L | Ro | S | W | F | e | D | Be5, Bf2, Bt5 |
| 47 | *Pterospermum xylocarpum* (Gaertn.) Sant. & Wagh. | Sterculiaceae | 4 | T | B | L | Ur | S | Y | S | e | N | Be5, Bf2, B1, Th1 |
| 48 | *Salvadora persica* L. | Salvadoraceae | 4 | T | B | S | Ro | S | W | F | i | D | Be5 |
| 49 | *Sapindusem arginatus* Vahl | Sapindaceae | 4 | T | B | S | Ro | S | W | F | e | D | Be1, Be9, W2 |
| 50 | *Securenega leucopyrus* (Willd.) Muell.-Arg. | Euphorbiaceae | 4 | T | E | S | O | S | G | F | e | D | Be5 |
| 51 | *Semecarpus anacardium* L. f. | Anacardiaceae | 4 | T | D | M | Ra | S | W | F | e | D | Be1, Be2, Bf1, |
| 52 | *Streblus asper* Lour. | Moraceae | 4 | T | E | S | O | S | W | F | e | D | Be2 |
| 53 | *Strychnos nuxvomica* L. | Loganiaceae | 4 | T | D | S | Ro | S | W | F | i | D | Be1 |
| 54 | *Syzygium cumini* (L.) Skeels | Myrtaceae | 4 | T | B | S | Sa | S | W | S | e | N | F2, Be1, Be2, W2, Bf2, Bf5 |
| 55 | *Tamarindus indica* L. | Caesalpiniaceae | 4 | T | B | M | Ra | S | YP | F | e | D | Be1 |
| 56 | *Tarenna asiatica* (L.) Kuntz ex Schumann | Rubiaceae | 4 | T | E | M | Tu | S | W | S | i | N | Be1, Be2, Be3 |
| 57 | *Terminalia bellirica* (Gaertn.) Roxb. | Combretaceae | 4 | T | D | S | Ra | S | W | F | e | D | Be1, Be5 |
| 58 | *Tricalysia sphaerocarpa* (Dalz.) Gamble | Rubiaceae | 10 | T | E | M | Tu | S | W | Fa | e | N | Be1, Be5 |
| 59 | *Vitex altisima* L.f. | Verbenaceae | 4 | T | D | S | Sa | S | V | Fa | i | D | Be1, Be5, Be9, W2 |
| 60 | *Walsura trifolia* (A.Juss.) Harms | Meliaceae | 4 | T | E | S | Ro | S | W | Fa | e | D | F3, Be5, Bf9, Mo2 |
| 61 | *Abrus precatorius* L. | Papilionaceae | 4 | L | B | M | Bi | S | V | F | i | D | Be1, Be2 |
| 62 | *Acacia caesia* (L.) Willd. | Mimosaceae | 10 | L | B | S | Tu | S | W | F | e | D | Bt3, Be1, Be4 |
| 63 | *Ampelocissus tomentosa* (Heyne ex Roth) Planch. | Vitaceae | 2 | L | B | S | O | S | R | Fa | e | D | Bf4 |
| 64 | *Argyreia cymosa* (Roxb.) Sweet | Convolvulaceae | 4 | L | E | L | Tu | S | V | F | i | D | Be3 |
| 65 | *Canavalia virosa* (Roxb.) Wight & Arn. | Papilionaceae | 4 | L | D | L | Bi | S | V | Fa | i | D | An2, Be6, Be8, Be10 Bf12, Th1 |
| 66 | *Cansjera rheedii* Gmel. | Opiliaceae | 4 | L | E | S | Ur | S | Y | F | i | N | An2, Bf2, Bf3, Th1 |
| 67 | *Capparis brevispina* DC. | Capparaceae | 10 | L | E | L | Ro | S | Y | F | e | N | An2, Mo5, Th1, Ba1 |
| 68 | *Capparis rotundifolia* Rottl. | Capparaceae | 4 | L | E | M | Ro | S | W | F | e | N | An2, Mo5, Th1, Ba1 |
| 69 | *Capparis sepiaria* L. | Capparaceae | 4 | L | E | M | Ro | S | W | F | e | N | An2, Mo5, Th1, Ba1 |
| 70 | *Capparis zeylanica* L. | Capparaceae | 4 | L | E | L | Ro | S | P | F | e | N | An2, Mo5, Th1, Ba1 |
| 71 | *Carissa spinarum* L. | Apocynaceae | 10 | L | E | M | Tu | S | W | S | i | D | Bt2, Bf5, Bf6, Th1, Mo |
| 72 | *Cayratia pedata* (Lam.) Juss. Ex Gagnep. | Vitaceae | 4 | L | E | S | O | I | G | F | e | D | Be1, Bf9 |
| 73 | *Cissampelos pareira* L. var*. hirsute* (Buch.-Ham. ex DC.) Forman | Menispermaceae | 4 | L | B | S | Ra | S | G | F | e | D | Be5, F |
| 74 | *Cissus quadrangularis* L. | Vitaceae | 10 | L | E | S | O | S | Y | F | e | D | F2, Be1, Be5, W2, Bf9 |
| 75 | *Cissus vitiginea* L. | Vitaceae | 10 | L | D | S | O | S | Y | F | e | D | F2, Be1, Be3,W2, Bf10 |
| 76 | *Coccinia grandis* (L.) Voigt | Cucurbitaceae | 10 | L | E | M | Ur | S | W | Fa | e | D | Be1, Be2, Bf2 |
| 77 | *Combretum albidum* G.Don | Combretaceae | 10 | L | D | S | Ro | S | Y | F | e | N | F1, Be1, Be2, Be5, Bf2, Bf3, |
| 78 | *Derris ovalifolia* (Wight & Arn.) Benth. | Papilionaceae | 4 | L | E | S | Bi | S | W | F | i | D | Be1, Be2, Be7, Bf6 |
| 79 | *Dioscorea oppositifolia* L. | Dioscoreaceae | 4 | L | D | S | Ur | S | G | F | e | D | Be5 |
| 80 | *Grewia rhamnifolia* Heyne ex Roth | Tiliaceae | 10 | L | B | M | Bi | S | Y | F | e | D | F3, Be1, Be5, Be7, Bf2, Bf4 |
| 81 | *Gymnema sylvestre* (Retz.) R.Br. ex Schultes | Asclepiadaceae | 10 | L | E | S | Ro | S | Y | F | i | D | Be5, Bf3, Bf2, F |
| 82 | *Hugonia mystax* L. | Linaceae | 10 | L | E | L | Ro | S | Y | F | e | D | Be1, Bf11 |
| 83 | *Ichnocarpus frutescens* (L.) R.Br. | Apocynaceae | 4 | L | E | S | Sa | S | W | F | i | N | Bf11, Bf1, Bf8,Th1 |
| 84 | *Jasminum angustifolium* (L.) Willd. | Oleaceae | 4 | L | E | M | Sa | S | W | S | i | N | Bf2, Th1, Mo |
| 85 | *Lantana camara* L. | Verbenaceae | 4 | L | E | S | Sa | S | P | F | i | D | Be1, Be2, Be9 Be3, Be4 Be5, All Bf, Th1, B3 |
| 86 | *Leptadenia reticulata* (Retz.) Wight & Arn. | Asclepiadaceae | 4 | L | B | S | Ro | S | Y | F | i | D | Bt1, Be1, F |
| 87 | *Maeruaob longifolia* (Forsk.) A. Rich. | Capparaceae | 4 | L | E | M | O | S | Y | F | e | N | An1, Bf7 |
| 88 | *Mukiamader aspatana* (L.) M. Roem. | Cucurbitaceae | 4 | L | B | S | Ro | S | Y | F | e | D | Be5 |
| 89 | *Olax scandens* Roxb. | Olacaceae | 4 | L | E | S | Ur | S | W | F | i | N | Bt4 |
| 90 | *Pachygone ovata* (Poir) Miers ex Hook. | Menispermaceae | 10 | L | E | S | Ro | S | Y | Fa | e | D | F1, Be1, Be3, Bf8 |
| 91 | *Plecospermum spinosum* Trecul | Moraceae | 4 | L | E | S | O | S | W | Fa | e | D | Be1 |
| 92 | *Premna corymbosa* (Burm.f.) Rottl. & Willd. | Verbenaceae | 10 | L | E | S | Tu | S | P | F | i | D | F3, W2, Bf11, Bf13, W4 |
| 93 | *Pyrenacantha volubilis* Wight | Icacinaceae | 10 | L | E | S | O | I | G | F | i | D | Be1, Be3, Bf13 |
| 94 | *Reissantia indica* (Willd.) Halle | Celastraceae | 10 | L | E | S | Ro | S | Y | F | e | D | Be1, Be3, Be5, |
| 95 | *Rivea hypocrateriformis* (Desr.) Choisy | Convolvulaceae | 4 | L | E | L | Sa | S | W | F | i | N | F3, Bf4, Mo6, Th1 |
| 96 | *Salacia chinensis* L. | Hippocrateaceae | 4 | L | E | S | Ro | I | G | Fa | e | D | F3, An2, Be1, Be5, W1, Bf2, Bf3 |
| 97 | *Strychnos lenticellata* Hill | Loganiaceae | 10 | L | E | S | Sa | S | Y | F | i | D | Be1, Be4 |
| 98 | *Tiliacora acuminate* (Lam.) Hook. f. & Thoms. | Menispermaceae | 4 | L | E | S | Ur | S | Y | F | e | D | Be1, Be3, Th1 |
| 99 | *Tinospora cordifolia* (Willd.) Hook. f. & Thoms. | Menispermaceae | 4 | L | D | S | Ro | Ca | Y | F | e | N | F2, Be1, Be2, Be3, Bf2, Bf4, Bf7, |
| 100 | *Toddalia asiatica* (L.) Lam. | Rutaceae | 4 | L | E | S | Ur | I | W | F | e | N | Be1, Be2, Be3, Be4, Be5, Bf1, Bf2, Bf3, Bf5, Bf8 |
| 101 | *Toxocarpus kleinii* Wight & Arn. | Asclepiadaceae | 4 | L | E | S | Ro | S | W | F | i | D | Be5, F |
| 102 | *Tylophora indica* (Burm. f.) Merr. | Asclepiadaceae | 4 | L | D | S | Ro | S | G | F | i | D | Be1, Bf9, F |
| 103 | *Ventilago madraspatana* Gaertn. | Rhamnaceae | 4 | L | E | S | Ro | S | Y | F | i | D | F1, Be5, Bf10 |
| 104 | *Wattaka kkavolubalis* T. Cooke | Asclepiadaceae | 4 | L | E | S | Ro | S | G | F | i | D | Be5, F |
| 105 | *Zizyphus oenoplia* (L.) Mill. | Rhamnaceae | 10 | L | B | S | Ro | S | G | F | e | D | F1, F2, F4, Bt5 |
| 106 | *Dendrophthoe falcata* (L.f.) Ettingsh | Loranthaceae | 4 | H | E | L | Tu | S | Y | F | e | D | B1, B2 |
| 107 | *Ecbolium viride* (Forssk.) Alston | Acanthaceae | 4 | H | E | M | Tu | S | G | F | i | D | Be1, Be5, Be9 |
| 108 | *Phoenix pusilla* Gaertn. | Arecaceae | 4 | H | E | S | Ra | I | Y | F | e | D | Be1, Be5 |
| 109 | *Sanseveria roxburghiana* Schultes & Schultes | Agavaceae | 10 | H | E | M | Tu | S | Gw | F | e | N | Mo7, Th1, An1 |
| 110 | *Theriophonum minutum* (Willd.) Baillon | Araceae | 4 | H | E | S | Tu | S | G | F | i | D | Be5, Th1, Bt 4 |

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| 21 | *Ehretia pubescens* Benth. | Boraginaceae | 4 | T | B | M | Ur | S | W | F | e | N | Be1 |
| 22 | *Eugenia bracteata* (Willd.) Roxb. | Myrtaceae | 4 | T | E | M | Ro | S | W | S | e | N | Bf12, Mo2 |
| 23 | *Ficus benghalensis* L. | Moraceae | 4 | T | B | S | O | S | G | F | i | D |  |
| 24 | *Ficus hispida* L.f. | Moraceae | 4 | T | B | S | O | Ca | G | F | i | D |  |
| 25 | *Ficus religiosa* L. | Moraceae | 4 | T | B | S | O | S | G | F | i | D |  |
| 26 | *Flacourtia indica* (Burm.f.) Merr. | Flacourtiaceae | 4 | T | B | S | Ro | S | Y | F | e | D | Be5 |
| 27 | *Garcinia spicata* (Wight &Arn.) J.D. Hook. | Clusiaceae | 4 | T | E | M | Ur | Ca | Y | F | e | D | An2, Be1, Bf 14, F1, Th1 |
| 28 | *Glycosmis mauritiana* Yuich. Tanaka | Rutaceae | 4 | T | E | M | Tu | S | W | Fa | e | D | F1, Be1, Be2, Be3, Be4 Be5, Bf1. Bf2, Bf3, Bf4, Bf5, Bf13, Bt2 |
| 29 | *Gmelina asiatica* L. | Verbenaceae | 4 | T | E | L | Bi | S | Y | Fa | e | D | Be2, W2, Be9 |
| 30 | *Ixora pavetta* T. Anderson | Rubiaceae | 4 | T | E | M | Sa | S | W | S | e | N | Th1, Be2, Bf3, Bf4 |
| 31 | *Lannea coromandelica* (Houtt.) Merr. | Anacardiaceae | 4 | T | D | S | Ro | S | W | F | e | D | Be1, Be2 |
| 32 | *Lepisanthes tetraphylla* (Vahl.) Radlk. | Sapindaceae | 10 | T | E | M | Tu | Ca | W | Fa | e | N | Be1, Be2, Be9, W1, W2, Th1, We1 |
| 33 | *Mallotus philippensis* (Lam.) Muell.-Arg. | Euphorbiaceae | 4 | T | E | S | O | S | Y | F | e | D | Be1, Be5 |
| 34 | *Mallotus rhamnifolius* Muell.-Arg. | Euphorbiaceae | 4 | T | E | S | O | S | G | F | e | D | An1, Be1, Be5 |
| 35 | *Manilkara hexandra* (Roxb.) Dubard | Sapotaceae | 4 | T | B | M | Ra | S | Y | Fa | e | D | Be1, Be2 |
| 36 | *Maytenusem arginata* (Willd.) Ding Hou | Celastraceae | 4 | T | E | S | O | S | W | F | e | D | F1, An2, Be1, Be5, W2 |
| 37 | *Memecylon umbellatum* Burm.f. | Melastomataceae | 10 | T | E | S | Ro | S | V | Fa | e | D | F2, An2, Be1, Be2, Bf2, Bf7 |
| 38 | *Mimusops elengi* L. | Sapotaceae | 4 | T | E | S | Ro | S | W | S | e | N | Be1, Be2, Bf8, Ba |
| 39 | *Morinda coreia* Buch.-Ham. | Rubiaceae | 10 | T | E | M | Sa | S | W | S | e | N | Be5, Mo3, |
| 40 | *Morinda pubescesns*  Sm. | Rubiaceae | 4 | T | B | M | Sa | S | W | S | e | N | F2, Be5, Bf9, Mo3, |
| 41 | *Ochna obtusata* DC. | Ochnaceae | 4 | T | D | M | Ro | S | Y | F | e | D | Bf11 |
| 42 | *Pamburusmissionis* (Wight) Swingle | Rutaceae | 4 | T | E | M | Ra | S | W | S | e | N | Be1, Be2 |
| 43 | *Pleiospermium alatum* (Wall. ex Wight. & Arn.) Swingle | Rutaceae | 4 | T | E | M | Ra | S | W | F | e | D | Be1 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 44 | *Pongamia pinnata* (L.) Pierre | Papilionaceae | 4 | T | B | S | Bi | S | P | Fa | i | D | Be5, Bf2 |
| 45 | *Premna latifolia* Roxb. | Verbenaceae | 4 | T | E | S | Bi | S | Y | F | i | D | W2, W4 |
| 46 | *Pterospermum canescens* Roxb. | Sterculiaceae | 10 | T | B | L | Ro | S | W | F | e | D | Be5, Bf2, Bt5 |
| 47 | *Pterospermum xylocarpum* (Gaertn.) Sant. & Wagh. | Sterculiaceae | 4 | T | B | L | Ur | S | Y | S | e | N | Be5, Bf2, B1, Th1 |
| 48 | *Salvadora persica* L. | Salvadoraceae | 4 | T | B | S | Ro | S | W | F | i | D | Be5 |
| 49 | *Sapindusem arginatus* Vahl | Sapindaceae | 4 | T | B | S | Ro | S | W | F | e | D | Be1, Be9, W2 |
| 50 | *Securenega leucopyrus* (Willd.) Muell.-Arg. | Euphorbiaceae | 4 | T | E | S | O | S | G | F | e | D | Be5 |
| 51 | *Semecarpus anacardium* L. f. | Anacardiaceae | 4 | T | D | M | Ra | S | W | F | e | D | Be1, Be2, Bf1, |
| 52 | *Streblus asper* Lour. | Moraceae | 4 | T | E | S | O | S | W | F | e | D | Be2 |
| 53 | *Strychnos nuxvomica* L. | Loganiaceae | 4 | T | D | S | Ro | S | W | F | i | D | Be1 |
| 54 | *Syzygium cumini* (L.) Skeels | Myrtaceae | 4 | T | B | S | Sa | S | W | S | e | N | F2, Be1, Be2, W2, Bf2, Bf5 |
| 55 | *Tamarindus indica* L. | Caesalpiniaceae | 4 | T | B | M | Ra | S | YP | F | e | D | Be1 |
| 56 | *Tarenna asiatica* (L.) Kuntz ex Schumann | Rubiaceae | 4 | T | E | M | Tu | S | W | S | i | N | Be1, Be2, Be3 |
| 57 | *Terminalia bellirica* (Gaertn.) Roxb. | Combretaceae | 4 | T | D | S | Ra | S | W | F | e | D | Be1, Be5 |
| 58 | *Tricalysia sphaerocarpa* (Dalz.) Gamble | Rubiaceae | 10 | T | E | M | Tu | S | W | Fa | e | N | Be1, Be5 |
| 59 | *Vitex altisima* L.f. | Verbenaceae | 4 | T | D | S | Sa | S | V | Fa | i | D | Be1, Be5, Be9, W2 |
| 60 | *Walsura trifolia* (A.Juss.) Harms | Meliaceae | 4 | T | E | S | Ro | S | W | Fa | e | D | F3, Be5, Bf9, Mo2 |
| 61 | *Abrus precatorius* L. | Papilionaceae | 4 | L | B | M | Bi | S | V | F | i | D | Be1, Be2 |
| 62 | *Acacia caesia* (L.) Willd. | Mimosaceae | 10 | L | B | S | Tu | S | W | F | e | D | Bt3, Be1, Be4 |
| 63 | *Ampelocissus tomentosa* (Heyne ex Roth) Planch. | Vitaceae | 2 | L | B | S | O | S | R | Fa | e | D | Bf4 |
| 64 | *Argyreia cymosa* (Roxb.) Sweet | Convolvulaceae | 4 | L | E | L | Tu | S | V | F | i | D | Be3 |
| 65 | *Canavalia virosa* (Roxb.) Wight & Arn. | Papilionaceae | 4 | L | D | L | Bi | S | V | Fa | i | D | An2, Be6, Be8, Be10 Bf12, Th1 |
| 66 | *Cansjera rheedii* Gmel. | Opiliaceae | 4 | L | E | S | Ur | S | Y | F | i | N | An2, Bf2, Bf3, Th1 |
| 67 | *Capparis brevispina* DC. | Capparaceae | 10 | L | E | L | Ro | S | Y | F | e | N | An2, Mo5, Th1, Ba1 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 68 | *Capparis rotundifolia* Rottl. | Capparaceae | 4 | L | E | M | Ro | S | W | F | e | N | An2, Mo5, Th1, Ba1 |
| 69 | *Capparis sepiaria* L. | Capparaceae | 4 | L | E | M | Ro | S | W | F | e | N | An2, Mo5, Th1, Ba1 |
| 70 | *Capparis zeylanica* L. | Capparaceae | 4 | L | E | L | Ro | S | P | F | e | N | An2, Mo5, Th1, Ba1 |
| 71 | *Carissa spinarum* L. | Apocynaceae | 10 | L | E | M | Tu | S | W | S | i | D | Bt2, Bf5, Bf6, Th1, Mo |
| 72 | *Cayratia pedata* (Lam.) Juss. Ex Gagnep. | Vitaceae | 4 | L | E | S | O | I | G | F | e | D | Be1, Bf9 |
| 73 | *Cissampelos pareira* L. var*. hirsute* (Buch.-Ham. ex DC.) Forman | Menispermaceae | 4 | L | B | S | Ra | S | G | F | e | D | Be5, F |
| 74 | *Cissus quadrangularis* L. | Vitaceae | 10 | L | E | S | O | S | Y | F | e | D | F2, Be1, Be5, W2, Bf9 |
| 75 | *Cissus vitiginea* L. | Vitaceae | 10 | L | D | S | O | S | Y | F | e | D | F2, Be1, Be3,W2, Bf10 |
| 76 | *Coccinia grandis* (L.) Voigt | Cucurbitaceae | 10 | L | E | M | Ur | S | W | Fa | e | D | Be1, Be2, Bf2 |
| 77 | *Combretum albidum* G.Don | Combretaceae | 10 | L | D | S | Ro | S | Y | F | e | N | F1, Be1, Be2, Be5, Bf2, Bf3, |
| 78 | *Derris ovalifolia* (Wight & Arn.) Benth. | Papilionaceae | 4 | L | E | S | Bi | S | W | F | i | D | Be1, Be2, Be7, Bf6 |
| 79 | *Dioscorea oppositifolia* L. | Dioscoreaceae | 4 | L | D | S | Ur | S | G | F | e | D | Be5 |
| 80 | *Grewia rhamnifolia* Heyne ex Roth | Tiliaceae | 10 | L | B | M | Bi | S | Y | F | e | D | F3, Be1, Be5, Be7, Bf2, Bf4 |
| 81 | *Gymnema sylvestre* (Retz.) R.Br. ex Schultes | Asclepiadaceae | 10 | L | E | S | Ro | S | Y | F | i | D | Be5, Bf3, Bf2, F |
| 82 | *Hugonia mystax* L. | Linaceae | 10 | L | E | L | Ro | S | Y | F | e | D | Be1, Bf11 |
| 83 | *Ichnocarpus frutescens* (L.) R.Br. | Apocynaceae | 4 | L | E | S | Sa | S | W | F | i | N | Bf11, Bf1, Bf8,Th1 |
| 84 | *Jasminum angustifolium* (L.) Willd. | Oleaceae | 4 | L | E | M | Sa | S | W | S | i | N | Bf2, Th1, Mo |
| 85 | *Lantana camara* L. | Verbenaceae | 4 | L | E | S | Sa | S | P | F | i | D | Be1, Be2, Be9 Be3, Be4 Be5, All Bf, Th1, B3 |
| 86 | *Leptadenia reticulata* (Retz.) Wight & Arn. | Asclepiadaceae | 4 | L | B | S | Ro | S | Y | F | i | D | Bt1, Be1, F |
| 87 | *Maeruaob longifolia* (Forsk.) A. Rich. | Capparaceae | 4 | L | E | M | O | S | Y | F | e | N | An1, Bf7 |
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| 88 | *Mukiamader aspatana* (L.) M. Roem. | Cucurbitaceae | 4 | L | B | S | Ro | S | Y | F | e | D | Be5 |
| 89 | *Olax scandens* Roxb. | Olacaceae | 4 | L | E | S | Ur | S | W | F | i | N | Bt4 |
| 90 | *Pachygone ovata* (Poir) Miers ex Hook. | Menispermaceae | 10 | L | E | S | Ro | S | Y | Fa | e | D | F1, Be1, Be3, Bf8 |
| 91 | *Plecospermum spinosum* Trecul | Moraceae | 4 | L | E | S | O | S | W | Fa | e | D | Be1 |
| 92 | *Premna corymbosa* (Burm.f.) Rottl. & Willd. | Verbenaceae | 10 | L | E | S | Tu | S | P | F | i | D | F3, W2, Bf11, Bf13, W4 |
| 93 | *Pyrenacantha volubilis* Wight | Icacinaceae | 10 | L | E | S | O | I | G | F | i | D | Be1, Be3, Bf13 |
| 94 | *Reissantia indica* (Willd.) Halle | Celastraceae | 10 | L | E | S | Ro | S | Y | F | e | D | Be1, Be3, Be5, |
| 95 | *Rivea hypocrateriformis* (Desr.) Choisy | Convolvulaceae | 4 | L | E | L | Sa | S | W | F | i | N | F3, Bf4, Mo6, Th1 |
| 96 | *Salacia chinensis* L. | Hippocrateaceae | 4 | L | E | S | Ro | I | G | Fa | e | D | F3, An2, Be1, Be5, W1, Bf2, Bf3 |
| 97 | *Strychnos lenticellata* Hill | Loganiaceae | 10 | L | E | S | Sa | S | Y | F | i | D | Be1, Be4 |
| 98 | *Tiliacora acuminate* (Lam.) Hook. f. & Thoms. | Menispermaceae | 4 | L | E | S | Ur | S | Y | F | e | D | Be1, Be3, Th1 |
| 99 | *Tinospora cordifolia* (Willd.) Hook. f. & Thoms. | Menispermaceae | 4 | L | D | S | Ro | Ca | Y | F | e | N | F2, Be1, Be2, Be3, Bf2, Bf4, Bf7, |
| 100 | *Toddalia asiatica* (L.) Lam. | Rutaceae | 4 | L | E | S | Ur | I | W | F | e | N | Be1, Be2, Be3, Be4, Be5, Bf1, Bf2, Bf3, Bf5, Bf8 |
| 101 | *Toxocarpus kleinii* Wight & Arn. | Asclepiadaceae | 4 | L | E | S | Ro | S | W | F | i | D | Be5, F |
| 102 | *Tylophora indica* (Burm. f.) Merr. | Asclepiadaceae | 4 | L | D | S | Ro | S | G | F | i | D | Be1, Bf9, F |
| 103 | *Ventilago madraspatana* Gaertn. | Rhamnaceae | 4 | L | E | S | Ro | S | Y | F | i | D | F1, Be5, Bf10 |
| 104 | *Wattaka kkavolubalis* T. Cooke | Asclepiadaceae | 4 | L | E | S | Ro | S | G | F | i | D | Be5, F |
| 105 | *Zizyphus oenoplia* (L.) Mill. | Rhamnaceae | 10 | L | B | S | Ro | S | G | F | e | D | F1, F2, F4, Bt5 |
| 106 | *Dendrophthoe falcata* (L.f.) Ettingsh | Loranthaceae | 4 | H | E | L | Tu | S | Y | F | e | D | B1, B2 |
| 107 | *Ecbolium viride* (Forssk.) Alston | Acanthaceae | 4 | H | E | M | Tu | S | G | F | i | D | Be1, Be5, Be9 |
| 108 | *Phoenix pusilla* Gaertn. | Arecaceae | 4 | H | E | S | Ra | I | Y | F | e | D | Be1, Be5 |
| 109 | *Sanseveria roxburghiana* Schultes & Schultes | Agavaceae | 10 | H | E | M | Tu | S | Gw | F | e | N | Mo7, Th1, An1 |
| 110 | *Theriophonum minutum* (Willd.) Baillon | Araceae | 4 | H | E | S | Tu | S | G | F | i | D | Be5, Th1, Bt 4 |

**Table S2.** Faunal groups that visited flowers of 110 plant species in tropical dry evergreen forest on the Coromandel Coast of India.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Faunal group | Common name | Scientific name | Code | No. of plant species visited (Exclusive species) |
| **Mammals** |  |  |  |  |
| Bats | Short-nosed bat | *Cynopterus sphinx* | Ba1 | 6 |
| **Birds** |  |  |  | 5 (1) |
|  | Purple sunbird | *Cinnyris asiaticus* | B1 |  |
|  | Tickells flower pecker | *Dicaeum erythrorhynchos* | B2 |  |
|  | Purple-rumped sunbird | *Nectarinia zeylonica* | B3 |  |
| **Insects** |  |  |  |  |
| Coleoptera |  |  |  |  |
| Beetles |  |  |  | 12 (1) |
|  | Net winged beetle | *Lycostomus praeustus* | Bt1 |  |
|  | Flower beetle | *Clinteria coerulea* | Bt2 |  |
|  | Jewel beetle | *Sternocera chrysis* | Bt3 |  |
|  | Blister beetle | *Mylabris pustulata* | Bt4 |  |
|  | Flower chafer beetle | *Oxycetonia versicolor* | Bt5 |  |
| Weevils |  |  | We1 | 1 |
| Dipterans |  |  |  |  |
| Flies |  |  |  | 26 |
|  | Hover fly | *Volucella* sp. | F1 |  |
|  | Green bottle fly | *Calliphora* sp. | F2 |  |
|  | Blow fly | *Chrysomya* sp. | F3 |  |
|  | Flesh fly | *Sacrophaga lineaticollis* | F4 |  |
| Hymenoptera |  |  |  |  |
| Ants |  |  |  | 16 |
|  |  | *Camponotus* sp. | An1 |  |
|  | Weaver ant | *Oecophylla samaragdina* | An2 |  |
|  | Unidentified | Unidentified | An3 |  |
| Bees |  |  |  | 86 (29) |
|  | Dwarf honey bee | *Apis florea* | Be1 |  |
|  | Indian rock bee | *Apis dorsata* | Be2 |  |
|  | Oriental honey bee | *Apis cerana* | Be3 |  |
|  | Blue banded bees | *Amegilla zonata* | Be4 |  |
|  | Stingless bees | *Trigone iridipennis* | Be5 |  |
|  | Carpenter bee | *Xylocopa* sp. | Be6 |  |
|  |  | *Nomia* sp. | Be7 |  |
|  |  | *Megachile* sp. | Be8 |  |
|  | Small carpenter bee | *Ceratina* sp. | Be9 |  |
|  |  | *Branusapis* sp. | Be10 |  |
| Wasps |  |  |  | 16 (1) |
|  | Paper wasp | *Polistes hebraeus* | W1 |  |
|  | Mason wasp | *Eumenes conica* | W2 |  |
|  | Vespid wasp | *Polistes* sp. | W3 |  |
|  | Cuckoo wasp | *Stilbum cyanurum* | W4 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Lepidoptera |  |  |  |  |  |
| Butterflies |  |  |  |  | 45 (3) |
|  | Common crow |  | *Euploea core* | Bf1 |  |
|  | Plain tiger |  | *Danus chrysippus* | Bf2 |  |
|  | Blue tiger |  | *Limnia celeopardus* | Bf3 |  |
|  | Common evening brown |  | *Melanitis leda* | Bf4 |  |
|  | Common leopard |  | *Phalantha phalantha* | Bf5 |  |
|  | Lemon pansy |  | *Junonia lemonias* | Bf6 |  |
|  | Common sailor |  | *Neptis hylas* | Bf7 |  |
|  | Tawny coster |  | *Acraea violae* | Bf8 |  |
|  | Indian cupid |  | *Chiladespar rhasius* | Bf9 |  |
|  | Yellow orange tip |  | *Ixias pyrene* | Bf10 |  |
|  | Common jezebel |  | *Delias eucharis* | Bf11 |  |
|  | Common wanderer |  | *Pareronia valeria* | Bf12 |  |
|  | Crimson rose |  | *Tros hector* | Bf13 |  |
|  | Common cerulean |  | *Jamides celeno* | Bf14 |  |
| Moths |  |  |  |  | 18 |
|  | Tailed emerald moth |  | *Agathia laetata* | Mo1 |  |
|  | Painted hand maiden moth |  | *Euchromia polymena* | Mo2 |  |
|  | Oleander hawk moth |  | *Daphnis nerii* | Mo3 |  |
|  | Moon moth |  | *Actias selene* | Mo4 |  |
|  | Tiger moth |  | *Amata passalis* | Mo5 |  |
|  |  |  | *Amata* sp. | Mo6 |  |
|  | Unidentified |  |  | Mo7 |  |
| Thysanoptera |  |  |  |  |  |
| Thrips |  |  |  |  | 24 |
|  | - |  | *Thrips hawaiensis* | Th1 |  |
|  |  |  | *Scirothrips dorsalis* | Th2 |  |

**Table S3.** Pearson correlation between floral traits and floral resource users in tropical dry evergreen forest on the Coromandel Coast of India. Below the diagonal correlations pooled for 110 plant species are presented.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Faunal group | | | | | | | | | | | |
| Plant type/flower trait | Bat | Bird | Beetle | Fly | Ant | Bee | Wasp | Butterfly | Moth | Thrips | Others |
| **Trees** |  |  |  |  |  |  |  |  |  |  |  |
| Deciduous species | -0.093 | 0.139 | -0.167 | -0.093 | -0.052 | -0.049 | -0.146 | -0.072 | -0.224 | 0.023 | -0.093 |
| Brevi-deciduous species | -0.112 | 0.098 | 0.176 | -0.042 | -0.219 | -0.207 | 0.075 | 0.076 | -0.067 | -0.253 | -0.112 |
| Evergreen species | 0.174 | -0.199 | -0.022 | 0.112 | 0.236 | 0.223 | 0.050 | -0.010 | 0.239 | 0.206 | 0.174 |
| Small size | 0.012 | -0.174 | -0.089 | 0.075 | 0.180 | -0.124 | **0.367** | -0.062 | -0.149 | -0.112 | 0.012 |
| Medium size | 0.031 | -0.157 | -0.056 | -0.071 | -0.202 | 0.133 | **-0.338** | -0.067 | 0.166 | 0.024 | 0.031 |
| Large size | -0.067 | **0.511** | 0.225 | -0.007 | 0.030 | -0.010 | -0.052 | 0.199 | -0.023 | 0.138 | -0.067 |
| Bilabiate | -0.050 | **0.323** | -0.089 | -0.112 | 0.111 | -0.092 | 0.200 | -0.038 | -0.120 | 0.075 | -0.050 |
| Radiate | 0.182 | -0.078 | -0.140 | -0.176 | -0.153 | 0.027 | -0.210 | -0.085 | -0.063 | -0.176 | 0.182 |
| Rotate | 0.081 | 0.081 | 0.024 | -0.071 | -0.011 | -0.064 | -0.145 | **0.258** | 0.000 | -0.173 | 0.081 |
| Tubular | -0.067 | -0.067 | 0.052 | **0.284** | -0.132 | 0.143 | -0.052 | -0.024 | -0.023 | 0.138 | -0.067 |
| Urceolate | -0.056 | -0.056 | -0.101 | 0.042 | 0.078 | 0.118 | -0.151 | -0.076 | -0.135 | **0.549** | -0.056 |
| Salverform | -0.078 | -0.078 | **0.327** | 0.085 | -0.007 | 0.165 | 0.140 | 0.115 | **0.438** | -0.046 | -0.078 |
| Others | -0.073 | -0.073 | -0.131 | -0.027 | 0.163 | **-0.279** | **0.294** | **-0.267** | -0.175 | -0.165 | -0.073 |
| Inside crown | -0.043 | -0.043 | 0.178 | -0.096 | -0.083 | 0.090 | -0.115 | -0.156 | 0.103 | 0.118 | -0.043 |
| Cauliflorous | -0.043 | -0.043 | -0.076 | 0.118 | 0.155 | -0.135 | **0.268** | 0.008 | -0.103 | 0.118 | -0.043 |
| On crown surface | 0.062 | 0.062 | -0.074 | -0.016 | -0.052 | 0.033 | -0.111 | 0.107 | 0.000 | -0.171 | 0.062 |
| Stamen exposed | 0.093 | -0.139 | 0.028 | 0.210 | 0.052 | **0.294** | **-0.271** | 0.251 | 0.112 | **-0.257** | 0.093 |
| Stamen included | -0.093 | 0.139 | -0.028 | -0.210 | -0.052 | **-0.294** | **0.271\*** | -0.251 | -0.112 | **0.257** | -0.093 |
| White colour | -0.031 | -0.220 | 0.056 | 0.071 | -0.114 | **0.265** | -0.169 | 0.067 | 0.106 | -0.118 | -0.031 |
| Yellow colour | -0.107 | 0.107 | 0.064 | -0.027 | -0.090 | -0.113 | -0.096 | 0.021 | -0.052 | 0.189 | -0.107 |
| Red colour | -0.024 | **0.701** | -0.043 | -0.055 | **0.358** | 0.051 | -0.065 | -0.089 | -0.058 | **0.310** | -0.024 |
| Violet colour | -0.034 | -0.034 | -0.062 | 0.182 | 0.222 | 0.073 | **0.371** | 0.073 | -0.083 | -0.078 | -0.034 |
| Green colour | 0.248 | -0.062 | -0.111 | -0.140 | 0.052 | **-0.360** | 0.250 | -0.227 | 0.000 | -0.140 | 0.248 |
| White with Pink | -0.024 | -0.024 | -0.043 | -0.055 | -0.047 | 0.051 | -0.065 | 0.191 | -0.058 | -0.055 | -0.024 |
| Fair | -0.117 | 0.089 | 0.160 | 0.150 | 0.117 | 0.247 | 0.240 | -0.030 | 0.017 | -0.057 | -0.117 |
| Faint | 0.012 | -0.174 | -0.200 | -0.206 | 0.076 | -0.124 | -0.050 | **-0.278** | **-0.329** | -0.112 | 0.012 |
| Strong | 0.107 | 0.107 | 0.064 | 0.081 | -0.210 | -0.113 | -0.192 | **0.352** | **0.361** | 0.189 | 0.107 |
| Night | 0.038 | 0.038 | 0.068 | 0.038 | -0.191 | 0.020 | -0.153 | 0.176 | **0.274** | 0.133 | 0.038 |
| Day | -0.038 | -0.038 | -0.068 | -0.038 | 0.191 | -0.020 | 0.153 | -0.176 | **-0.274** | -0.133 | -0.038 |
| **Lianas** |  |  |  |  |  |  |  |  |  |  |  |
| Deciduous | -0.123 | -0.085 | -0.139 | 0.234 | -0.011 | 0.264 | 0.107 | 0.203 | -0.168 | -0.106 | -0.123 |
| Brevi deciduous | -0.145 | -0.100 | **0.390** | 0.117 | -0.216 | 0.061 | -0.145 | **-0.309** | -0.200 | **-0.296** | -0.145 |
| Evergreen | 0.210 | 0.145 | -0.221 | -0.268 | 0.187 | -0.244 | 0.041 | 0.106 | 0.288 | **0.322** | 0.210 |
| Small size | **-0.465** | **-0.321** | 0.085 | **0.326** | **-0.441** | **0.378** | 0.210 | 0.009 | **-0.639** | **-0.419** | **-0.465** |
| Medium size | 0.263 | -0.100 | 0.021 | -0.242 | 0.240 | **-0.315** | -0.145 | 0.044 | **0.442** | 0.217 | 0.263 |
| Large size | **0.337** | **0.550** | -0.139 | -0.171 | **0.331** | -0.160 | -0.123 | -0.062 | **0.373** | **0.327** | **0.337** |
| Bilabiate | -0.098 | -0.067 | -0.110 | -0.082 | 0.059 | 0.210 | -0.098 | 0.109 | -0.134 | 0.145 | -0.098 |
| Radiate | -0.047 | -0.033 | -0.053 | 0.193 | -0.070 | 0.101 | -0.047 | -0.176 | -0.065 | -0.096 | -0.047 |
| Rotate | **0.383** | 0.264 | 0.000 | **0.393** | 0.214 | 0.059 | -0.096 | -0.220 | 0.150 | -0.120 | **0.383** |
| Tubular | -0.098 | -0.067 | **0.387** | -0.082 | -0.145 | -0.127 | 0.177 | -0.049 | 0.081 | -0.027 | -0.098 |
| Urceolate | -0.123 | -0.085 | 0.069 | **-0.306** | -0.011 | -0.019 | -0.123 | -0.062 | -0.168 | 0.038 | -0.123 |
| Salverform | -0.110 | -0.076 | -0.125 | -0.130 | -0.164 | -0.221 | -0.110 | 0.159 | 0.238 | **0.399** | -0.110 |
| Others | -0.134 | -0.093 | -0.152 | -0.081 | -0.039 | 0.024 | **0.297** | 0.243 | -0.184 | -0.274 | -0.134 |
| Inside crown | -0.098 | -0.067 | -0.110 | -0.082 | 0.059 | 0.210 | 0.177 | 0.267 | -0.134 | -0.199 | -0.098 |
| Cauliflorous | -0.047 | -0.033 | -0.053 | 0.193 | -0.070 | 0.101 | -0.047 | 0.129 | -0.065 | -0.096 | -0.047 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Faint | 0.012 | -0.174 | -0.200 | -0.206 | 0.076 | -0.124 | -0.050 | **-0.278** | **-0.329** | -0.112 | 0.012 |
| Strong | 0.107 | 0.107 | 0.064 | 0.081 | -0.210 | -0.113 | -0.192 | **0.352** | **0.361** | 0.189 | 0.107 |
| Night | 0.038 | 0.038 | 0.068 | 0.038 | -0.191 | 0.020 | -0.153 | 0.176 | **0.274** | 0.133 | 0.038 |
| Day | -0.038 | -0.038 | -0.068 | -0.038 | 0.191 | -0.020 | 0.153 | -0.176 | **-0.274** | -0.133 | -0.038 |
| **Lianas** |  |  |  |  |  |  |  |  |  |  |  |
| Deciduous | -0.123 | -0.085 | -0.139 | 0.234 | -0.011 | 0.264 | 0.107 | 0.203 | -0.168 | -0.106 | -0.123 |
| Brevi deciduous | -0.145 | -0.100 | **0.390** | 0.117 | -0.216 | 0.061 | -0.145 | **-0.309** | -0.200 | **-0.296** | -0.145 |
| Evergreen | 0.210 | 0.145 | -0.221 | -0.268 | 0.187 | -0.244 | 0.041 | 0.106 | 0.288 | **0.322** | 0.210 |
| Small size | **-0.465** | **-0.321** | 0.085 | **0.326** | **-0.441** | **0.378** | 0.210 | 0.009 | **-0.639** | **-0.419** | **-0.465** |
| Medium size | 0.263 | -0.100 | 0.021 | -0.242 | 0.240 | **-0.315** | -0.145 | 0.044 | **0.442** | 0.217 | 0.263 |
| Large size | **0.337** | **0.550** | -0.139 | -0.171 | **0.331** | -0.160 | -0.123 | -0.062 | **0.373** | **0.327** | **0.337** |
| Bilabiate | -0.098 | -0.067 | -0.110 | -0.082 | 0.059 | 0.210 | -0.098 | 0.109 | -0.134 | 0.145 | -0.098 |
| Radiate | -0.047 | -0.033 | -0.053 | 0.193 | -0.070 | 0.101 | -0.047 | -0.176 | -0.065 | -0.096 | -0.047 |
| Rotate | **0.383** | 0.264 | 0.000 | **0.393** | 0.214 | 0.059 | -0.096 | -0.220 | 0.150 | -0.120 | **0.383** |
| Tubular | -0.098 | -0.067 | **0.387** | -0.082 | -0.145 | -0.127 | 0.177 | -0.049 | 0.081 | -0.027 | -0.098 |
| Urceolate | -0.123 | -0.085 | 0.069 | **-0.306** | -0.011 | -0.019 | -0.123 | -0.062 | -0.168 | 0.038 | -0.123 |
| Salverform | -0.110 | -0.076 | -0.125 | -0.130 | -0.164 | -0.221 | -0.110 | 0.159 | 0.238 | **0.399** | -0.110 |
| Others | -0.134 | -0.093 | -0.152 | -0.081 | -0.039 | 0.024 | **0.297** | 0.243 | -0.184 | -0.274 | -0.134 |
| Inside crown | -0.098 | -0.067 | -0.110 | -0.082 | 0.059 | 0.210 | 0.177 | 0.267 | -0.134 | -0.199 | -0.098 |
| Cauliflorous | -0.047 | -0.033 | -0.053 | 0.193 | -0.070 | 0.101 | -0.047 | 0.129 | -0.065 | -0.096 | -0.047 |
| On crown surface | 0.110 | 0.076 | 0.125 | -0.016 | -0.021 | -0.238 | -0.138 | **-0.302** | 0.152 | 0.225 | 0.110 |
| Stamen exposed | 0.279 | 0.193 | -0.111 | -0.041 | 0.182 | 0.075 | 0.122 | -0.131 | 0.014 | -0.219 | 0.279 |
| Stamen included | -0.279 | -0.193 | 0.111 | 0.041 | -0.182 | -0.075 | -0.122 | 0.131 | -0.014 | 0.219 | -0.279 |
| White colour | 0.145 | -0.137 | 0.243 | **-0.294** | -0.040 | **-0.313** | -0.199 | -0.051 | **0.403** | **0.351** | 0.145 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Yellow colour | -0.082 | 0.054 | -0.130 | 0.244 | -0.003 | 0.227 | 0.079 | 0.109 | -0.208 | -0.193 | -0.082 |
| Red colour | -0.047 | -0.033 | -0.053 | -0.117 | -0.070 | -0.224 | -0.047 | 0.129 | -0.065 | -0.096 | -0.047 |
| Violet colour | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Green colour | -0.145 | -0.100 | 0.021 | 0.237 | -0.064 | 0.187 | 0.059 | -0.073 | -0.200 | **-0.296** | -0.145 |
| White with Pink | 0.230 | **0.375** | -0.094 | -0.024 | 0.109 | -0.205 | 0.230 | 0.048 | 0.131 | 0.223 | 0.230 |
| Fair | -0.123 | -0.085 | -0.139 | -0.036 | 0.160 | 0.122 | 0.107 | 0.203 | -0.168 | -0.106 | -0.123 |
| Faint | 0.145 | 0.100 | -0.021 | 0.123 | -0.088 | 0.064 | -0.059 | -0.280 | -0.121 | -0.088 | 0.145 |
| Strong | -0.067 | -0.047 | 0.267 | -0.168 | -0.100 | **-0.321** | -0.067 | 0.184 | **0.502** | **0.338** | -0.067 |
| Night | **0.490** | **0.338** | -0.069 | -0.193 | **0.473** | **-0.631** | -0.199 | 0.049 | **0.538** | **0.459** | **0.490** |
| Day | **0.490** | **-0.338** | 0.069 | 0.193 | **-0.473** | **0.631** | 0.199 | -0.049 | **-0.538** | **-0.459** | **-0.490** |

Significant correlations (*P* < 0.05) are given in bold and correlations with *P*< 0.001 are in bold and underlined.

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**Table S4.** Faunal group visiting flowers of 45 plant families in the tropical dry evergreen forest.

|  |  |
| --- | --- |
| Family | Faunal groups |
| Acanthaceae | Bee |
| Agavaceae | Moth, Thrips, Ant |
| Anacardiaceae | Bee, Butterfly |
| Apocynaceae | Beetle, Butterfly, Thrips |
| Araceae | Bee, Thrips |
| Asclepiadaceae | Bee, Butterfly, Beetle |
| Barringtoniaceae | Bee, Bat |
| Boraginaceae | Bee |
| Caesalpiniaceae | Bee |
| Capparaceae | Butterfly, Moths, Thrips, Bat, Ants |
| Celastraceae | Fly, Ants, Bee, Wasp |
| Clusiaceae | Bee, Ants, Butterfly, Fly |
| Combretaceae | Bee, Fly, Butterfly |
| Convolvulaceae | Bee, Fly, Butterfly, Moths, Thrips |
| Cordiaceae | Bee |
| Cucurbitaceae | Bee, Butterfly |
| Dioscoreaceae | Bee |
| Ebenaceae | Beetle, Bee, Moth |
| Euphorbiaceae | Bee, Ants, Butterfly |
| Flacourtiaceae | Bee |
| Hippocrateaceae | Fly, Ants, Bee, Wasp, Butterfly |
| Icacinaceae | Bee, Butterfly |
| Linaceae | Bee, Butterfly |
| Loganiaceae | Bee |
| Loranthaceae | Bird |
| Melastomataceae | Fly, Ants, Bee, Butterfly |
| Meliaceae | Bee, Butterfly, Moth, Fly |
| Menispermaceae | Bee, Fly, Butterfly, |
| Mimosaceae | Fly, Bee, Beetle |
| Moraceae | Bee, Wasp |
| Myrtaceae | Butterfly, Moths, Fly, Bee, Wasp |
| Ochnaceae | Butterfly |
| Olacaceae | Beetle, Bee, Moths, Butterfly, Thrips |
| Opiliaceae | Ants, Butterfly |
| Papilionaceae | Ants, Bee, Thrips, Bird, Butterfly |
| Rhamnaceae | Fly, Bee, Butterfly, Beetle |
| Rubiaceae | Bee, Beetle, Ants, Wasp, Butterfly, Moths, Thrips, Fly |
| Rutaceae | Fly, Bee, Butterfly, Moth, Thrips |
| Salvadoraceae | Bee |
| Sapindaceae | Bee, Wasp, Thrips |
| Sapotaceae | Bee, Butterfly, Bat |
| Sterculiaceae | Bird, Butterfly, Bee, Beetle |
| Tiliaceae | Fly, Bee, Butterfly |
| Verbenaceae | Bee, Butterfly, Beetle, Wasp |
| Vitaceae | Butterfly, Bee, Fly, Wasp |